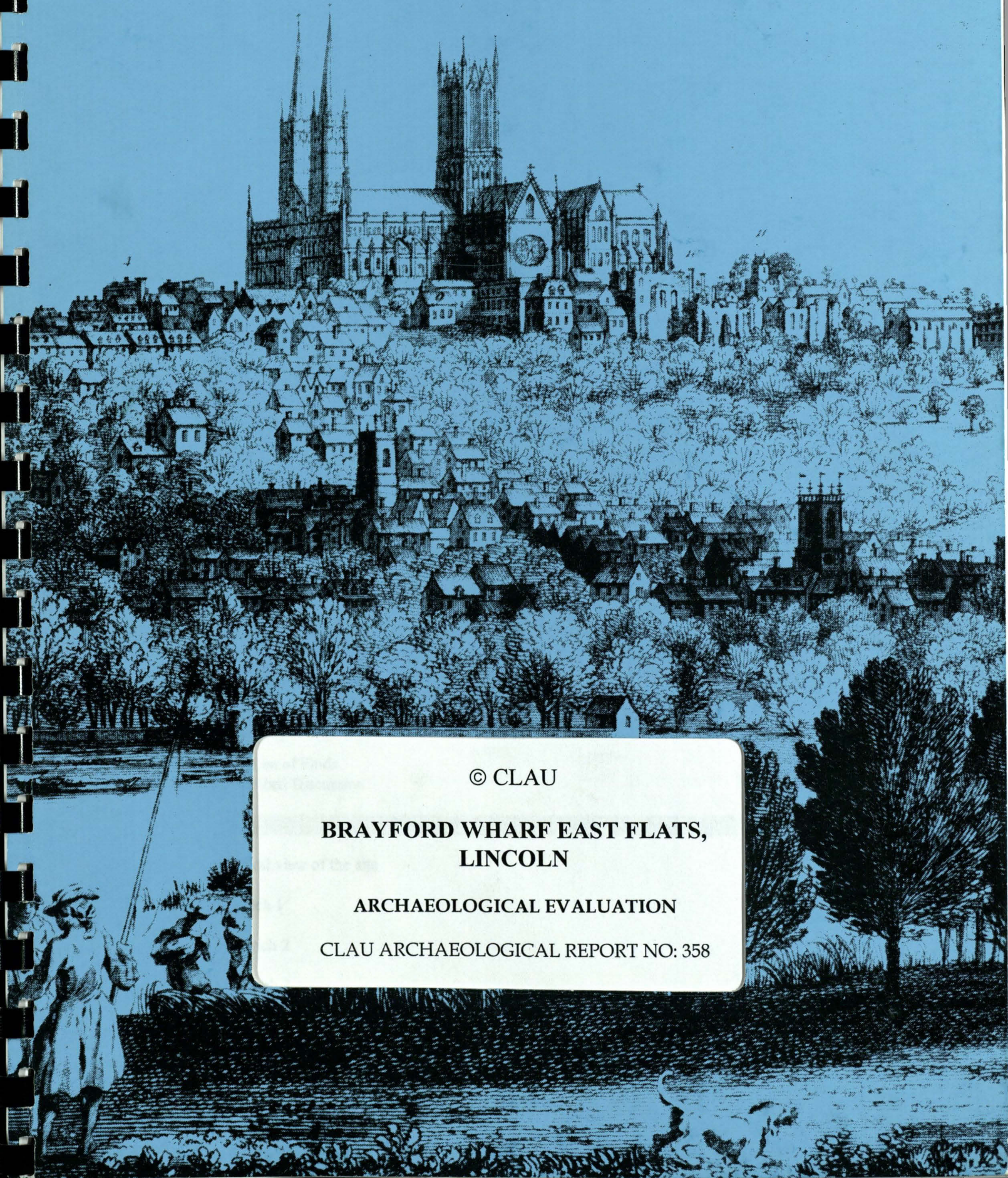


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◇ LINCOLN ARCHAEOLOGY ◇  
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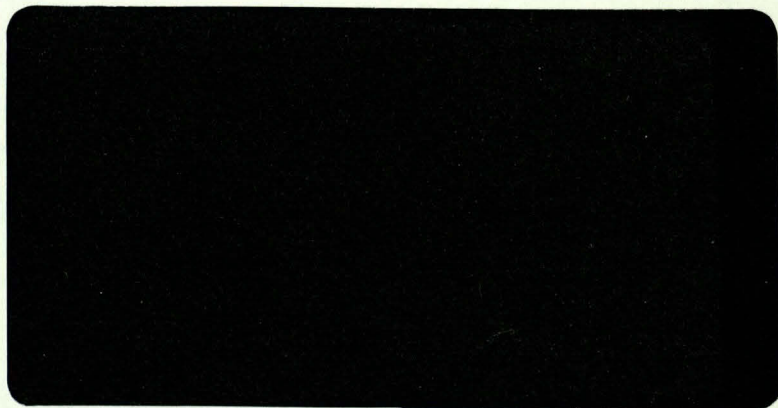
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**BRAYFORD WHARF EAST FLATS,  
LINCOLN**  
ARCHAEOLOGICAL EVALUATION  
CLAU ARCHAEOLOGICAL REPORT NO: 358



Lincolnshire County Council  
Archaeology Section

1 2. NOV 98

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EUGNT 413522  
SOURCES 418244 418245  
70298 4183369 MED  
70299 4183370 P.MED  
70300 4183371 Roman

BRAYFORD WHARF EAST FLATS,  
LINCOLN

**A**  
**Report to**  
***Lindum Group Ltd***  
***on behalf of***  
***Kingswater Group***

Non-Technical Summary

1.0 Introduction

2.0 Analysis & Conclusions

2.1 Analysis

2.2 Conclusions

3.0 Mitigation Strategy

4.0 Acknowledgements

November, 1998

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**BRAYFORD WHARF EAST FLATS,  
LINCOLN**

**ARCHAEOLOGICAL EVALUATION**

CLAU ARCHAEOLOGICAL REPORT NO: 358



# BRAYFORD WHARF EAST FLATS, LINCOLN

## ARCHAEOLOGICAL EVALUATION

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## BRAYFORD WHARF EAST FLATS, LINCOLN

### ARCHAEOLOGICAL EVALUATION

#### NON-TECHNICAL SUMMARY

*During May 1998 the City of Lincoln Archaeology Unit undertook a programme of archaeological evaluation, on behalf of the Lindum Group Ltd, in support of an application for the construction of a 6-storey block of flats on the site formerly occupied by the now-demolished Hercock's Warehouse, Brayford Wharf East, Lincoln.*

*Archaeological interest in this site lay in the reclamation, during the 10<sup>th</sup>-16<sup>th</sup> centuries, of the edge of Brayford Pool. Excavations carried out in 1972/3, immediately to the south of the site, beneath the area now occupied by the General Accident building, revealed evidence of the medieval waterfront and suggested that it would cross this site approximately midway across its east-west length. The evaluation, whilst limited, has provided useful information regarding the nature of the development and occupation in this archaeologically sensitive and historically important area of Lincoln. No evidence was found for any Pre-Roman, Roman and Anglo-Saxon occupation, as the site would have lain within Brayford pool until after the Norman Conquest. Deposits associated with medieval and later occupation of the site were encountered in all three of the trenches investigated. In the main, these deposits and features were associated with reclamation of the Brayford Pool, and its subsequent consolidation and occupation. No evidence was found for the continuation of the waterfront structure found during the 1972/3 excavations. The evaluation suggested that the medieval waterfront lay closer to the existing frontage (to the west of the investigations) and the remains hint at the presence here of an earthen pier/jetty extending into the Brayford.*

*Excavation also revealed a 13th century stone wall, possibly a building, lying in the south-east part of the site, which stood until the 15th century. To the north and west of this structure were deposits reminiscent of pit fills which suggest domestic rather than commercial occupation. Some of the pottery groups collected during the evaluation are uncommon as they contain very little residual material, and may indicate a high status ownership. A number of the tiles recovered have only previously been found in Lincoln in association with ecclesiastical buildings. The presence, on the site, of iron blade fragments as well as a small number of hones (sharpening stones) may also point towards a local industrial activity having been performed on, or close to, the site.*

*Deposits of probable late medieval date are present at depths of c. 50cm and below the present ground surface of the site. Interpretation indicates several phases of consolidation and expansion of the area occupied during this period as reclamation took place. Post-medieval use of the site was primarily centred around its commercial function from the 18<sup>th</sup> century.*

*The results from the evaluation were used in conjunction with the detailed groundwork design for the development to produce a mitigation strategy. This strategy was designed to reduce, as far as was reasonably practicable, the impact of the development on the buried archaeological resource.*



# BRAYFORD WHARF EAST FLATS, LINCOLN

## ARCHAEOLOGICAL EVALUATION

### 1.0 INTRODUCTION

During May 1998 the City of Lincoln Archaeology Unit (CLAU) undertook a programme of archaeological evaluation, on behalf of the Lindum Group Ltd, on the site formerly occupied by the now-demolished Hercock's warehouse, Brayford Wharf East, Lincoln. The evaluation was undertaken in support of an application for the construction of a 6-storey block of flats on the site (Planning Application No. 98/115/F). The Site is located in the triangular parcel of land bounded by Wigford Way to the north-east, Brayford Wharf East to the west and the General Accident building and NCP car-park to the south, and is centred upon National Grid Reference SK 9737 7110 (Fig. 1).



Plate 1: General view of the site looking west north-west showing the machine excavation of Trench 2 (Trench 1 can be seen in the foreground).

Archaeological interest in this site lies in the westward movement during the 10<sup>th</sup>-16<sup>th</sup> centuries of the edge of Brayford Pool. Excavations carried out in 1972/3, immediately to the south of the site, beneath the area now occupied by the General Accident building, showed that reclamation of the Brayford had advanced the medieval waterfront westward by over 50m during this period. This evaluation was partly designed to establish the position of the medieval waterfront and the depth of surviving archaeological remains.

### 2.0 ANALYSIS & CONCLUSION

The following information supersedes the analysis and conclusions discussed in the Interim Report (CLAU Report No. 350).



## 2.1 Analysis

### Trench 1 (Figs. 3 & 6, Plate II)

Trench 1 lay towards the south-east corner of the site and measured c. 2m N/S x c. 4m E/W. Excavation to a depth of 1.2m was carried out by machine and thereafter continued by hand.



Plate II: Trench 1, looking east along the line of wall/foundation [025] (scales are 0.5m & 1.0m).

The earliest deposit recorded here, was [063], a mottled clayey silt layer, sloping gently down towards the north north-west (4.37m OD). A similarly sloping but dark ash/charcoal deposit, [062], overlay the aforementioned [063]. Pottery recovered from [062] indicates a 13<sup>th</sup> century date. Two further deposits, [035] and [022] (5.06m OD), appeared to raise and level the then existing ground surface (E13<sup>th</sup> century pottery and within [035] a crucible fragment and slag). East-west stone wall foundations, [025] (1m+ wide), had cut into deposit [022]. Although not fully investigated, [025] was recorded as consisting of at least three courses of unbound limestone of varying dimensions (200mm<sup>3</sup> - 1m x 0.50m x 0.30m). The plan and function of this building cannot be determined, but it probably dates to the E13<sup>th</sup> century or soon after based on pottery recovered from its fabric. No evidence for associated occupation deposits was found on the north side of the wall, suggesting that associated floors and occupation deposits may have lain to its south, outside the evaluation trench. A shallow robber trench, [061], had removed evidence for the upper elements of [025]. An extensive deposit (up to 700mm thick) of silty earth, [002] (top - 5.70m OD), sealed the robber trench and other exposed deposits (provisional dating indicates a 15<sup>th</sup>-16<sup>th</sup> century date). Deposits sealing [002] were associated with the construction and use of the area during the 1800's and later (ground level - 6.18m OD).

### Trench 2 (Figs. 4 & 6, Plate III)

Trench 2 was located to the north and west of Trench 1. Measuring 4m E/W x 3m N/S, Trench 2 was initially excavated mechanically to a depth of 1.2m. The excavation of a 1.2m wide central slot in the base of the trench was then performed by hand.

Here, the earliest deposit encountered was [079], a mid-dark greyish brown silt deposit containing frequent oyster shell and charcoal flecks (this deposit was not excavated). Sealing [079] were three further silty dump deposit ([028], [031-033]), and all containing similar types of material (animal



bone, L14<sup>th</sup> century pottery and shell fragments). A north-south linear cut, [030], whose base indicated a gradual northerly descent (4.88m OD - 4.74m OD), truncated the latest of these dumps. The fill of the feature, [029] (4.97m OD), a mid-brown sandy/silt did not assist with its interpretation: pottery from the fill was also L14<sup>th</sup>-L15<sup>th</sup> century in date. Remaining deposits and features in Trench 2 were generally associated with the Hercock's warehouse use of the site (5.04m OD) and its recent demolition (existing ground level - c. 6.16m OD).



Plate III: Trench 2, general view of trench excavation looking south-east. Note the recent accumulation of demolition material visible in the trench sections (this material was derived from Hercock's Banana Warehouse).

#### Trench 3 (Figs. 5 & 6, Plate IV)

Trench 3, the largest of the evaluation trenches, was located towards the west side of the site. It was aligned WNW-ESE and measured 7m E/W x 3.2m N/S, being machine excavated to a depth of 1.20m. After discussions between the client, the City Archaeology Officer and the CLAU, it was decided to extend the trench further with the machine excavation of a narrow slot, eastwards, midway along its east side. This extension was c. 8m long and 800mm wide, and was excavated to a depth of approximately 1.2m. The excavation of an investigative sondage in the base of the trench (at its eastern end) was carried out by hand.

The earliest deposit recorded in Trench 1 was [142], a moderately well compacted reddish/brown organic peat deposit (3.86m OD).

Sealing [142] were a series of clay and silt deposits interpreted as reclamation events associated with the westwards movement of the Brayford during the medieval and post-medieval periods.

The earliest phase of reclamation occurred at c. 5.04m OD, descending towards the north-west to c. 4.40m OD. It consisted of extensive clayey/silty soil dumps, containing frequent small angular limestones, fragments of pot, bone and tile as well as shell and charcoal flecks. Interpretation of the finds suggests that it was deposited at some time during the 12<sup>th</sup>-13<sup>th</sup> centuries.

The second reclamation event lay several metres further to the south-east than the earlier, and again sloped down towards the west (4.80m OD - 4.20m OD). Their make-up consisted of alternating



deposits of dark grey/brown silty soils overlying relatively clean deposits of coarse light yellow sand - with frequent pot, bone and tile fragments within them. Pottery and tile recovered from these deposits indicate a L14<sup>th</sup>-L15<sup>th</sup> century date for their deposition.



Plate IV: Trench 3, looking east south-east. As the base of the trench lay below water level, water was a constant problem (note the pump). Reclamation deposits, dipping towards Brayford Pool, can clearly be seen in the lower left-hand corner of the photograph.

A third period of reclamation, lying c. 3m further to the west, sealed the latter, and similarly, this event consisted of interleaved bands of sand and silt (4.80m OD - 4.40m OD). Unlike the former, this event did not appear to slope obviously towards the west and may suggest that it had a ground levelling as well as a reclamation function. Discussions with the environmental specialist concluded that in order to maintain their non-commingled nature, these deposits were probably sealed soon after their deposition. The assemblage of pottery recovered from this phase of reclamation/levelling indicates a date range between the 15<sup>th</sup> and 16<sup>th</sup> centuries.

Further deposits suggesting land raising and levelling activity sealed the aforementioned reclamation event. Generally, the deposits forming this phase of activity were extensive with some deposits present up to 400mm thick (5.40m OD average). Finds recovered from this event suggest a 16<sup>th</sup> century date.

Several refuse pits were recorded cutting in to this latest phase of reclamation//levelling, suggesting a period of domestic occupation on the site (cuts; [106], [144] and [145]). Pottery from the fills of these pits indicates a post-medieval date for their infilling.

The final phase of activity on the site was primarily associated with the construction and use of Hercock's warehouse and its subsequent demolition (existing ground level: 5.90m OD - 5.10m OD).

#### Geotechnical Boreholes (Fig. 2)

In order to determine the piling design for the proposed development, Lindum Group arranged for three boreholes to be sunk at the site. Evidence indicating definite human influence was found in all three boreholes up to depths of c. 3m. Between 3m and 7m below ground-level lay peaty, organic deposits. A small fragment of leather was found at a depth of approximately 5.5m, in a sample recovered from Borehole 1. Deposits suggesting naturally occurring events lay between 7m and 8m



below existing groundlevel. After discussions with the environmental specialist, permission to inspect and assess the environmental potential of the site was obtained, using the samples recovered by the borehole contractor. It was agreed that the results of this would be presented within the reporting of any subsequent archaeological response on the site; i.e. watching brief.

### **Environmental Sampling**

The interim results of the environmental sampling can be found as an appendices to the mitigation strategy (CLAU Report No. 354, Appendix 1).

## **2.2 Conclusions**

This evaluation, whilst limited, has provided useful information regarding the nature of the development and occupation in this archaeologically sensitive and historically important area of Lincoln. The following information summarises the three main periods of occupation represented on the site.

### *Pre-Roman, Roman and Anglo-Saxon Periods (up to 1066)*

No evidence was found for any Pre-Roman, Roman and Anglo-Saxon occupation. The site was considered, on previous evidence to have lain within the pool until after the Norman Conquest. At the same time the earlier, deeper deposits may contain artefactual remains, environmental evidence, and even boat remains belonging to these periods.

### *Period I - Medieval (11th-15th centuries)*

Deposits associated with medieval occupation of the site were encountered in all three of the trenches investigated. In the main, these deposits and features were associated with reclamation of the Brayford Pool, and its subsequent consolidation and occupation.

The earliest activity noted was the north-westwards and northerly dumping of earth and rubbish across the site (continuing up to and beyond its western limit). The presence of these reclamation deposits suggests that the medieval waterfront here lies close to the north-west of the site, beneath the road (Brayford Wharf East). One of the primary archaeological objectives of the evaluation, to establish the line of the medieval waterfront, could not therefore be achieved. This contradicts the conjectured line of the waterfront as was indicated during the 1972/3 excavations, immediately to the south of the site. This may be due to the construction of an previously unseen/unrecorded topographic feature (possibly an earthen pier/jetty, dock etc.: or, the consolidation of a sensitive point where the River Witham turns east and was liable to erosion).

A stone wall, probably part of a building lay towards the south-eastern corner of the site (Trench 1). Evidence suggests that this structure was erected during the early/early-mid 13<sup>th</sup> century and was subsequently demolished sometime in the late medieval period (15<sup>th</sup> century). A number of iron blade fragments, stone hones and pottery indicating a high status ownership, were found in deposits associated with, or in close proximity too, this structure.

A further reclamation event followed the latter, presumably further consolidating and enlarging the area already reclaimed. Deposits present towards the north-east corner of the site and sampled in Trench 2 appear to be garden soils. The north-south ditch feature recorded here may have had an association with a property division, and may also have been associated with the medieval structure recorded in Trench 1.



#### *Period II - Post-medieval (16th-17th centuries)*

During the 16th century further deposits indicative of reclamation/levelling were deposited towards the west of the site. This, and a further, subsequent build-up of ground level during the 16<sup>th</sup> century, also appear to be consolidating the land reclaimed during Period I.

#### *Period III - Modern (18th-20th centuries)*

Deposits and features assigned to this period of occupation were in the main associated with the use of the site as a commercial area up until recent decades.

### **3.0 MITIGATION STRATEGY**

The results from the evaluation were used in conjunction with the detailed groundwork design for the development to produce a mitigation strategy. This strategy was designed to reduce, as far as was reasonably practicable, the impact of the development on the buried archaeological resource (see CLAU Report No. 354).

### **4.0 ACKNOWLEDGEMENTS**

The City of Lincoln Archaeology Unit would like to thank Lindum Group Ltd for funding the evaluation fieldwork and production of this interim report. Thanks are especially extended to David Trinder and David Coy (Lindum Group Ltd), Lincs. Lab and the borehole contractor.

#### **Project Team**

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Jenny Mann	Registered Finds/Ceramic Building Materials
Jane Young	Post-Roman and later pottery
James Rackham	External Environmental Specialist (The Environmental Archaeology Consultancy)

### **5.0 BIBLIOGRAPHY**

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Jones, M J 1981 Excavations at Lincoln. Third Interim Report: Sites outside the walled city 1972-1977 *Antiq J*, 61, 83-114

Vince, Alan & Jones, Michael J (eds) 1990 (Revd edn) *Lincoln's Buried Archaeological Heritage*, City Lincoln Archaeol Unit, Lincoln

#### **NOTE**

*The information in this document is presented with the proviso that further data may yet emerge. The Unit, its members and employees cannot, therefore, be held responsible for any loss, delay or damage, material or otherwise, arising out of this report. The document has been prepared in accordance with the terms of the Unit's Articles of Association, the Code of Conduct of the Institute of Field Archaeologists.*



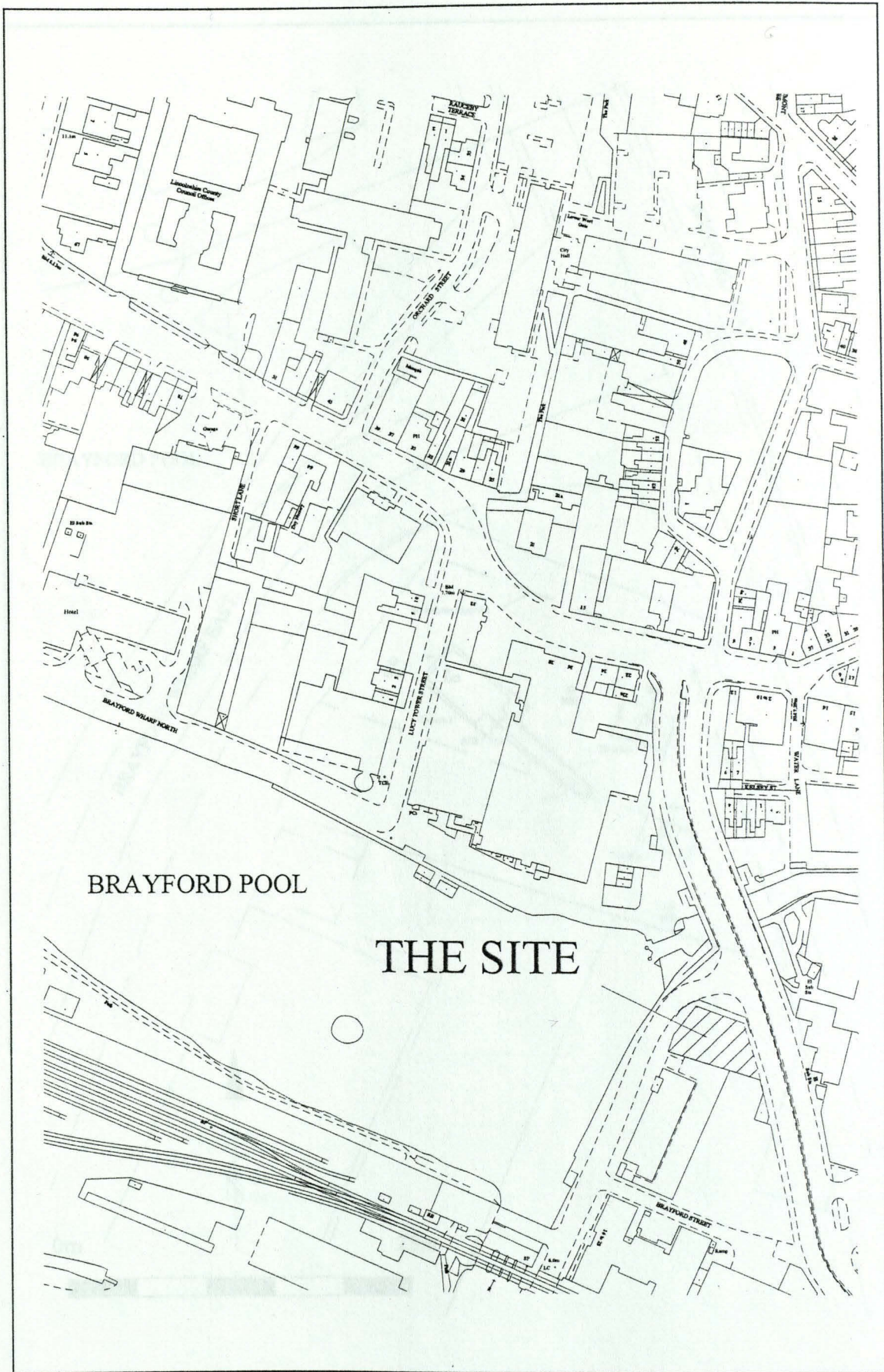


Fig. 1 Site location plan.



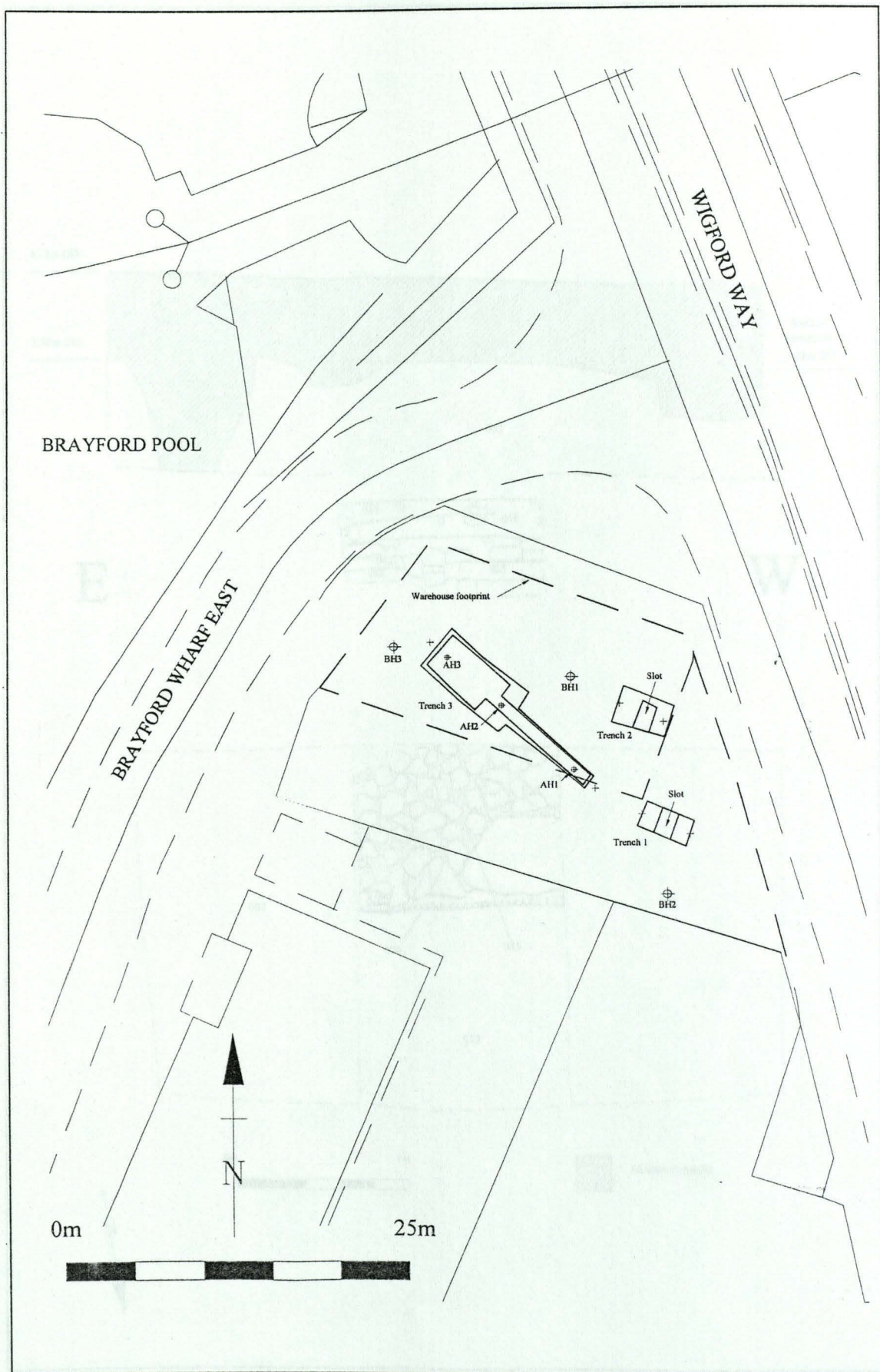


Fig. 2: Trench and Borehole location plan.



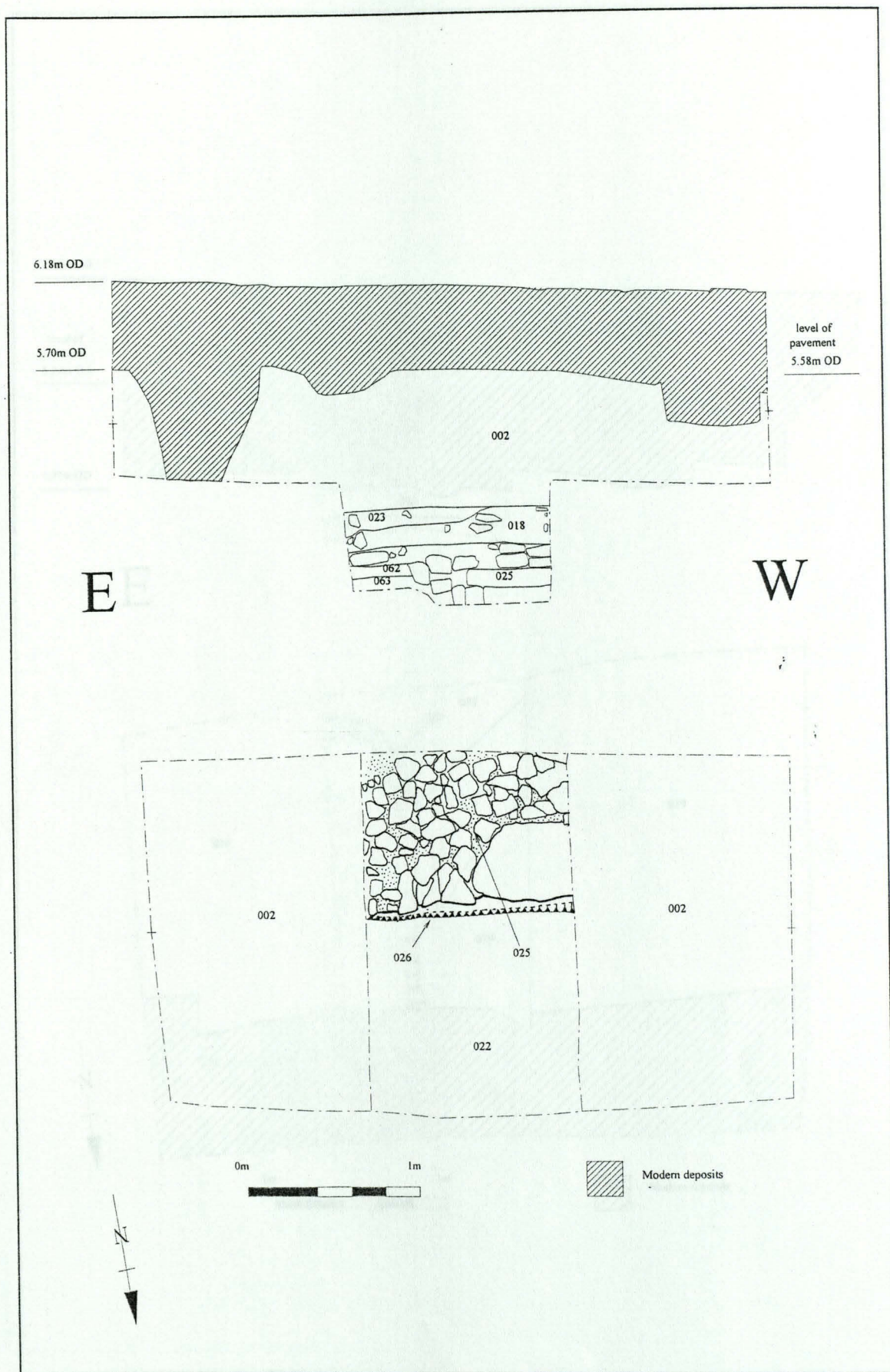


Fig. 3: Trench 1 - plan and section.



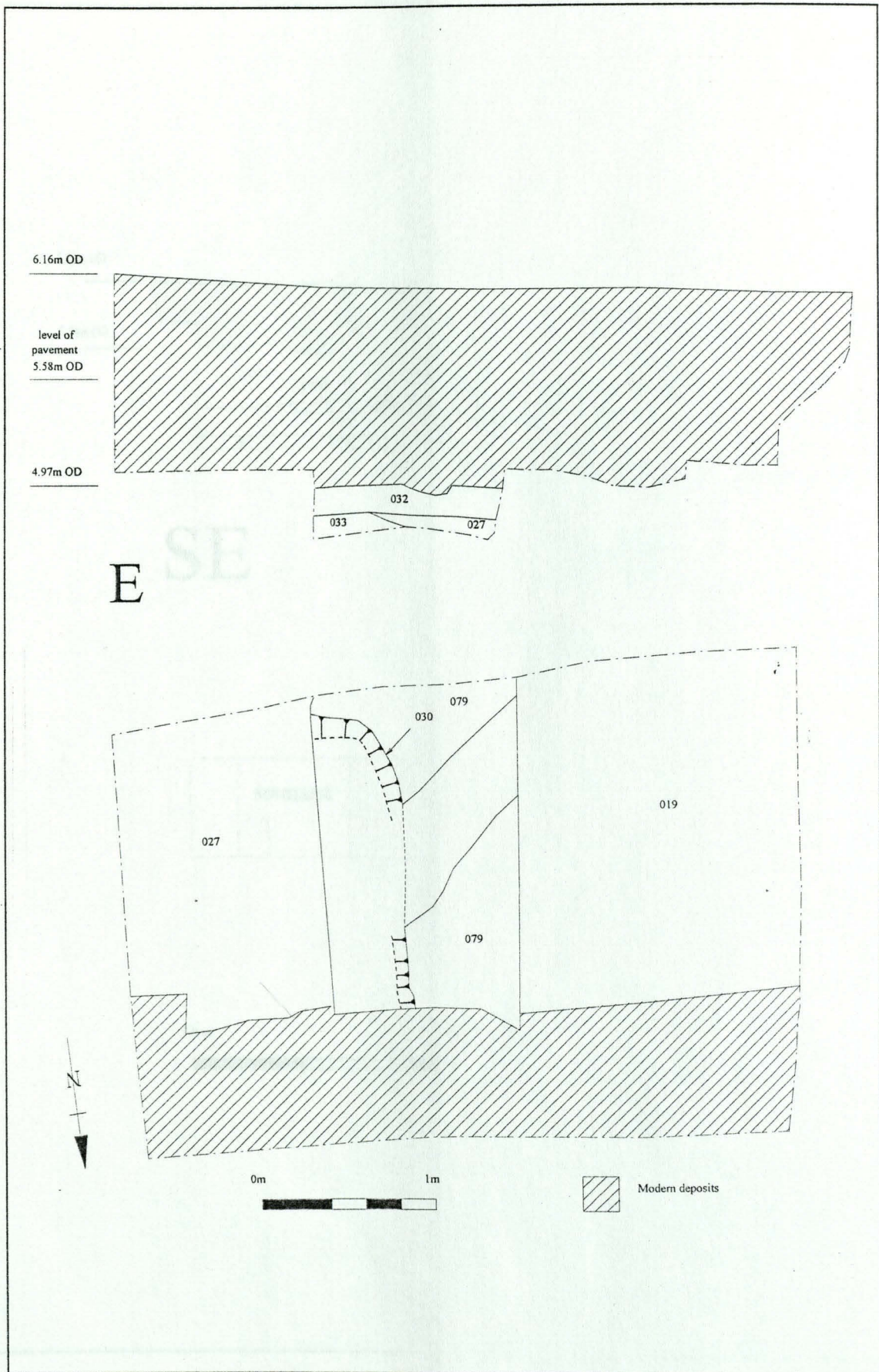
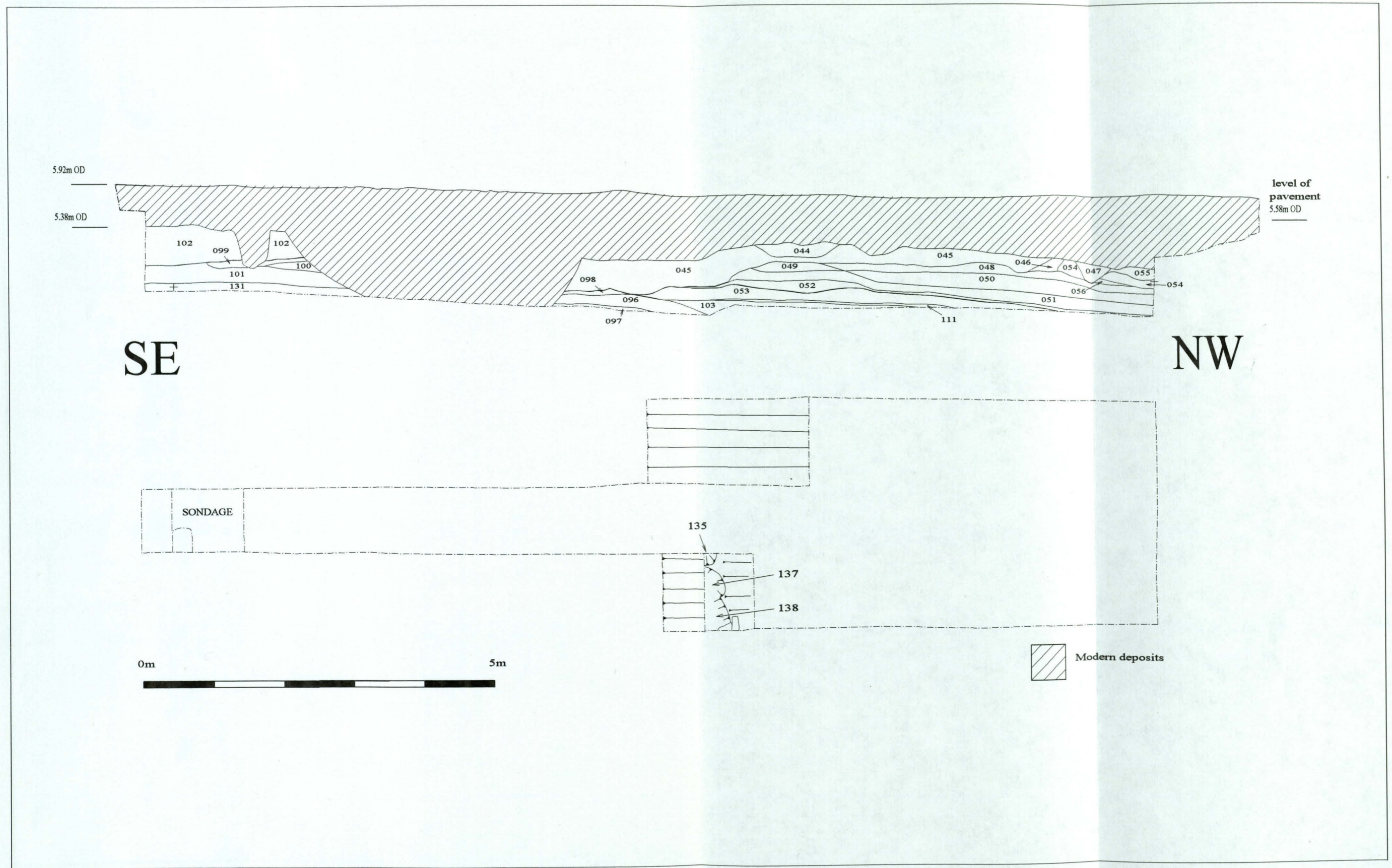


Fig. 4: Trench 2 - plan and section.







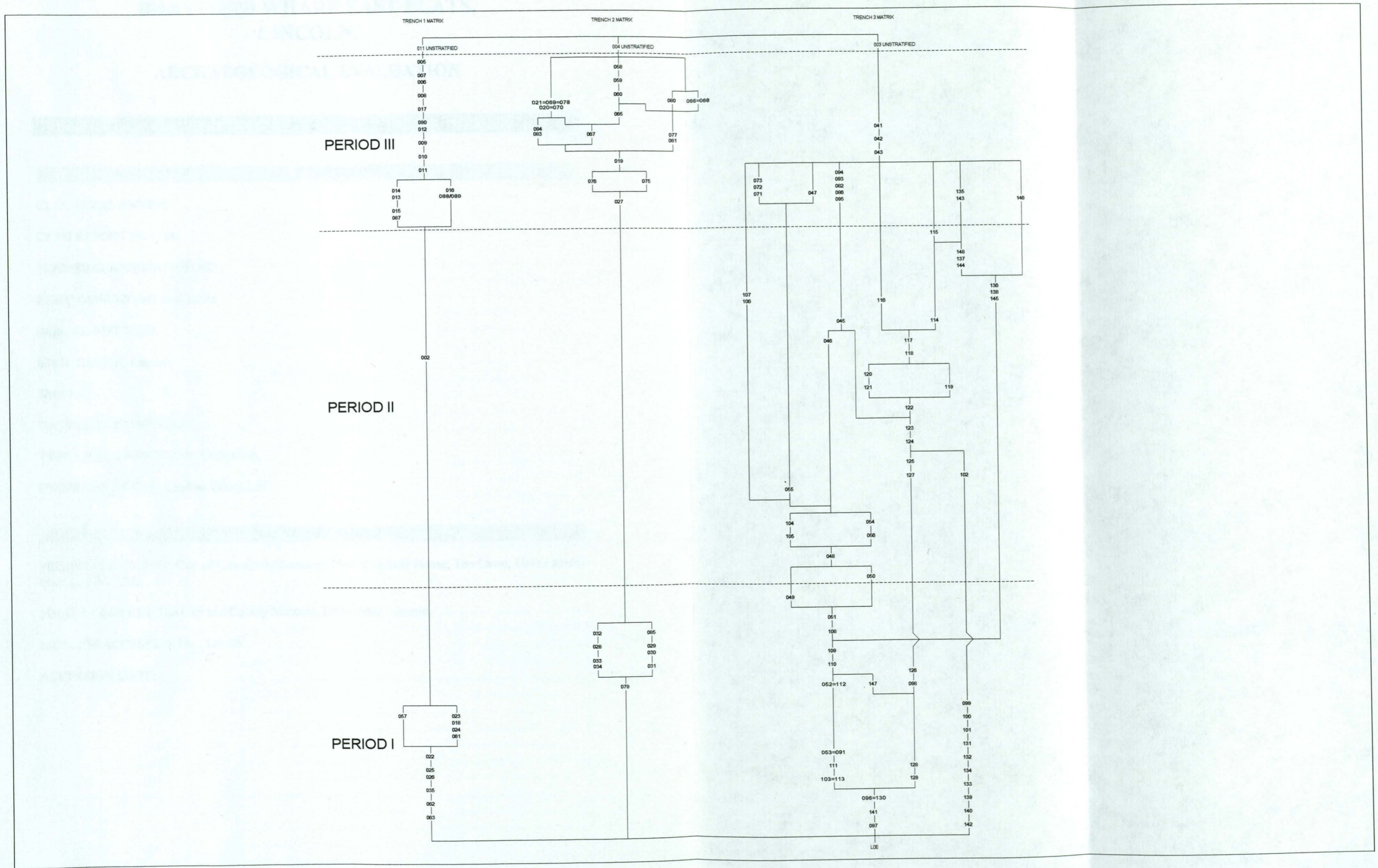


Fig 6: Stratigraphic Matrix.



# BRAYFORD WHARF EAST FLATS, LINCOLN,

## ARCHAEOLOGICAL EVALUATION

### APPENDIX 1 - LHA NOTE & ARCHIVE DETAILS

#### LHA NOTE DETAILS

CLAU CODE: BWEF98

CLAU REPORT No.: 358

PLANNING APPLICATION NO.: `

FIELD OFFICER: Michael Jarvis

NGR: SK 9737 7110

CIVIL PARISH: Lincoln

SMR No.: -

DATE OF INTERVENTION:

TYPE OF INTERVENTION: Evaluation

UNDERTAKEN FOR: Lindum Group Ltd

#### ARCHIVE DETAILS

PRESENT LOCATION: City of Lincoln Archaeology Unit, Charlotte House, The Lawn, Union Road, Lincoln, LN1 3BL.

FINAL LOCATION: The City and County Museum, Friars Lane, Lincoln.

MUSEUM ACCESSION No.: 121.98

ACCESSION DATE: -



## BRAYFORD WHARF EAST FLATS, LINCOLN,

### ARCHAEOLOGICAL EVALUATION

#### APPENDIX 2 - CONTEXT SUMMARY

<i>Context</i>	<i>Trench</i>	<i>Brief Description</i>
001	1	unstratified finds from Trench 1
002	1	dump deposit
003	3	unstratified finds from Trench 3
00	2	unstratified finds from Trench 2
005	1	modern rubble/topsoil
006	1	pipe trench cut
007	1	pipe trench fill
008	1	layer
009	1	lens
010	1	mortar layer
011	1	layer
012	1	construction cut for wall (modern)
013	1	cut
014	1	fill of 013
015	1	fill of cut 087
016	1	fill of 088, 089
017	1	layer
018	1	fill of robber cut 061
019	2	deposit
020	2	pipe trench cut
021	2	fill of 020
022	1	layer
023	1	l/s layer
024	1	fill of robber cut 061
025	1	east-west limestone wall/foundations
026	1	construction cut for wall 025
027	2	layer
028	2	layer
029	2	fill of 030
030	2	cut
031	2	layer
032	2	deposit
033	2	fill of 034
034	2	cut
035	1	layer
036	BH1	deposit sample
037	BH1	deposit sample
038	BH1	deposit sample
039	BH1	deposit sample
040	BH1	deposit sample
041	3	modern dump
042	3	concrete floor
043	3	dump deposit



044	3	layer
045	3	layer
046	3	layer
047	3	fill of shallow cut feature
048	3	occupation deposit
049	3	layer
050	3	layer
051	3	layer
052	3	layer
053	3	layer
054	3	layer
055	3	layer
056	3	layer
057	1	layer
058	2	deposit
059	2	deposit
060	2	deposit
061	1	robber cut of wall 025
062	1	layer
063	1	layer
064	2	masonry - part of warehouse structure
065	2	warehouse floor slab
066	2	part of sewer system
067	2	deposit
068	2	part of warehouse structure
069	2	deposit
070	2	pipe trench cut
071	3	post-hole cut
072	3	fill of 071
073	3	wooden stake in cut 071
074	2	warehouse structure
075	2	deposit
076	2	deposit
077	2	warehouse structure
078	2	sewer pipe
079	2	deposit
080	2	deposit
081	2	construction cut for warehouse structure
082	3	pit fill
083	2	pipe cut
084	2	deposit
085	2	deposit
086	3	fill of pit 095
087	1	cut
088	1	cut
089	1	pit/stake-hole cut
090	1	warehouse structure
091	3	layer
092	2	warehouse structure
093	3	fill of pit 095
094	3	fill of pit 095
095	3	pit cut
096	3	layer/dump
097	3	deposit



098	3	deposit
099	3	deposit
100	3	layer
101	3	dump
102	3	dump
103	3	layer
104	3	layer
105	3	layer
106	3	cut
107	3	fill of 106
108	3	layer
109	3	layer
110	3	layer
111	3	stone layer
112	3	sandy lens
113	3	dump
114	3	deposit
115	3	deposit
116	3	deposit
117	3	deposit
118	3	deposit
119	3	deposit
120	3	deposit
121	3	deposit
122	3	deposit
123	3	deposit
124	3	deposit
125	3	deposit
126	3	deposit
127	3	deposit
128	3	deposit
129	3	deposit
130	3	deposit
131	3	layer
132	3	layer
133	3	layer
134	3	lens
135	3	deposit
136	3	deposit
137	3	deposit
138	3	deposit
139	3	layer
140	3	layer
141	3	deposit
142	3	organic deposit
143	3	pit cut
144	3	pit cut
145	3	pit/post-hole cut
146	3	deposit
147	3	deposit
148	3	fill of pit 144



**BRAYFORD WHARF EAST FLATS,  
LINCOLN,**

**ARCHAEOLOGICAL EVALUATION**

**APPENDIX 3 - LIST OF FINDS**

*Animal Bone*

<i>Context</i>	<i>Count</i>	<i>Type</i>
001	10	ANBN
002	7	ANBN
003	72	ANBN
018	4	ANBN
022	40	ANBN
023	1	ANBN
024	1	ANBN
028	4	ANBN
029	13	ANBN
031	2	ANBN
032	17	ANBN
033	6	ANBN
035	26	ANBN
044	1	ANBN
045	7	ANBN
046	2	ANBN
048	1	ANBN
050	9	ANBN
051	10	ANBN
054	3	ANBN
055	2	ANBN
062	6	ANBN
086	4	ANBN
091	12	ANBN
093	4	ANBN
094	7	ANBN
096	5	ANBN
099	1	ANBN
101	8	ANBN
102	4	ANBN
107	2	ANBN
109	5	ANBN
110	8	ANBN
112	7	ANBN
114	2	ANBN
115	6	ANBN
116	1	ANBN
117	1	ANBN
118	6	ANBN
121	3	ANBN
122	8	ANBN



125	3	ANBN
126	3	ANBN
127	3	ANBN
128	1	ANBN
130	1	ANBN
131	2	ANBN
132	7	ANBN
133	9	ANBN
136	12	ANBN
137	4	ANBN
138	2	ANBN
140	1	ANBN
141	2	ANBN
148	7	ANBN

*Post-Roman Pottery Archive: Horizon Dating*

<i>Context</i>	<i>Earliest horizon</i>	<i>Latest horizon</i>	<i>Probable Horizon</i>	<i>Date range</i>
001	EMH	EMH	-	19-20TH
002	MH6	MH7	-	14TH
003	PMH2 OR EMH	PMH2 OR EMH	-	MID 16TH OR 19/20TH
004	EMH	EMH	-	19-20TH
018	MH4	MH4	MH4	EARLY TO EARLY/MID 13TH
022	MH4	MH4	MH4	EARLY 13TH
023	MH4	MH10	-	13TH TO 15TH
024	MH4	MH5	-	13TH
025	MH4	MH4	MH4	EARLY TO EARLY/MID 13TH
028	MH8	MH10	-	LATE 14TH TO LATE 15TH
029	MH8	MH10	-	LATE 14TH TO LATE 15TH
031	MH8	MH10	-	LATE 14TH TO LATE 15TH
032	MH4 OR MH7	MH5 OR PMH2	-	POTTERY 13TH TILE MID 14TH TO 16TH
033	MH4	MH10	-	13TH TO 15TH
035	MH3	MH4	-	MID/LATE 12TH TO EARLY 13TH RESIDUAL MID 12TH
040	R	MED	-	ROMAN OR MEDIEVAL
044	MH7	MH9	-	14TH TO 15TH
045	MH8	MH10	-	LATE 14TH TO LATE 15TH
047	PMH4	PMH8	-	17TH TO 18TH
048	MH10	PMH3	-	15TH TO 16TH
050	PMH2	PMH8	-	16TH TO 18TH
051	PMH1	PMH2	PMH2	MID 16TH
052	MH8	PMH3	-	14TH TO 16TH
053	MH1	MH4	-	12TH TO EARLY 13TH
054	MH6	PMH3	-	14TH TO 16TH
055	MH8	PMH2	-	14TH TO 16TH
057	MH4	MH5	-	13TH TILE ONLY
062	MH3	MH4	-	MID/LATE 12TH TO EARLY/MID 13TH
091	MH7	PMH2	-	14TH TO 16TH TILE ONLY
093	PMH8	PMH9	-	LATE 14TH TO MID 15TH



094	PMH9	EMH	-	18TH TO 19TH
100	MH3	MH4	-	MID/LATE 12TH TO EARLY/MID 13TH
101	MH4	MH5	MH4	EARLY/MID 13TH
102	MH4	MH9	-	13TH TO 15TH
109	MH8	MH10	-	LATE 14TH TO LATE 15TH
110	MH8	MH10	-	LATE 14TH TO LATE 15TH
112	MH10	PMH2	-	15TH TO 16TH
114	-	-	-	15TH + ? UNKNOWN TILE TYPE ONLY
115	MH7	PMH2	-	14TH TO 16TH TILE ONLY
117	MH1	PMH2	-	12TH TO 16TH TILE ONLY
118	MH2	MH10	-	12TH TO 15TH
120	MH5	PMH2	-	13TH TO 16TH TILE ONLY
122	MH4	MH9	-	13TH TO 15TH
125	MH1	MH10	-	12TH TO 15TH
126	MH8	MH10	-	LATE 14TH TO LATE 15TH
127	R	MH9	-	ROMAN TO 15TH
130	MH4	MH5	-	13TH
131	MH3	MH4	-	MID/LATE 12TH TO EARLY/MID 13TH
132	MH4	MH4	MH4	EARLY TO EARLY/MID 13TH;SOME RESIDUAL LATE 12TH
133	MH3	MH4	-	LATE 12TH TO EARLY 13TH
135	PMH4	EMH	-	BRICK ONLY
136	MH10	PMH2	-	15TH TO 16TH
137	MH3	MH5	-	MID/LATE 12TH TO 13TH
140	MH1	MH3	-	12TH
141	MH4	MH5	-	13TH
148	MH1	PMH2	-	12TH TO 16TH TILE ONLY

*Ware Types by Context*

<i>Context</i>	<i>Ware</i>	<i>Sherds</i>	<i>Form</i>	<i>Comments</i>
001	POTT	1	?	?ID;SOOT
001	LSW2/3	1	JUG	RIDGED
001	LSW2	1	JUG	BODY SHERD (BS)
001	MP	1	JUG/JAR	? ID;ORANGE FABRIC PURPLE SURFS
001	PORC	1	DISH;LARGE	RIM & BASE
001	LSTON	1	BOTTLE	-
002	LSW2/3	1	JUG	BS;APP VERT STRP
002	LSW2/3	1	JUG	BS
002	LSW2/3	1	JUG	BS
002	LSW2/3	1	JUG	BS
002	LSW2/3	1	JUG	BS
002	LSW2/3	1	JUG	ROUNDED CUFF RIM
002	LSW2	1	JUG	BS
002	LSW2	1	JUG	BS
002	LSW2	1	JUG	BS
002	LSW2	1	JUG	BS
002	LSW2	1	JUG	BS



002	LSW2	1	JUG	BS
002	LSW2	1	JUG	BS
002	LSW2	1	JUG	BS
002	POTT	1	?	BASE
002	POTT	1	?	BASE
002	POTT	1	COOKPOT	BS
002	POTT	1	BOWL/CURFEW	RIM;INC WAVY DEC RIM TOP
002	POTT	1	?	BS
002	LANG	1	JUG;LARGE	FRILLED BASE
002	SAIM	1	?	INT GLZE
002	LSWA	1	?	BS
002	LSWA	1	BOWL	EVERTED RIM;INT GLZE
002	LSW2	1	JUG	BS
002	LSWA	1	JUG	ODD RIM
003	PMLOC	1	BOWL	EVERT RIM;FABRIC K;SPL GLZE
003	PMLOC	1	JAR/JUG	THU STRP UNDER RIM;FABRIC K
003	PMLOC	1	JAR/JUG	BS;FABRIC K
003	LSW1/2	1	JUG	BS
003	LSW4	1	JUG	FABRIC C
003	PMLOC	2	BOWL	FABRIC K;OR POSS TB
003	LMLOC	1	JUG?	FABRIC B
003	MP	1	JUG	LATE OR BL;NO GLZE
003	MP	1	JUG/CISTERN	BASE;PURPLE FABRIC
003	MP	1	JUG/CISTERN	BASE;PURPLE FABRIC;INT DEP
003	DUTR	1	JUG?	LARGE TAPERING FOLDING STRAP HANDLE;?? ID
003	TOYII	1	JUG/CISTERN	LHJ;LARGE FABRIC
003	TOYII	1	JUG/CISTERN	LARGE FABRIC
003	TB	1	JUG/JAR	? ID;POSS MED
003	TB	1	BOWL	RIM;BOLINGBROKE
003	TB	1	JUG/CISTERN	BS
003	LSTON	1	BOTTLE;LARGE	BS
003	RAER	1	JUG	BASE
003	CIST	1	CUP	BS
003	CIST	1	CUP	RIM
003	LLSW	1	JUG	BS
003	TOYII	1	JUG/CISTERN	LHJ
003	TOYII	1	JUG/JAR	BS
003	TOYII	1	JUG/JAR	BS
003	BOU	1	JAR	RIM;? ID OR TB
003	TB	1	JAR	BS;INT DEP;? ID
003	BOU	1	?	BS
003	LSW3	1	JUG	BS
003	LSW2	1	JUG	BS
003	LLSW	1	JUG;TALL HIGHLY DEC	FALSE LEG
003	POTT	1	?	BASE
003	LSW1	1	JUG	BS
003	LLSW	1	JUG	BS
003	LLSW	1	JUG	BS
003	LLSW	1	JUG	BS
003	TOYII	1	JUG	HANDLE



003	LSW2	1	JUG	BS
003	TILE	1	LID;FLAT	THU DEC;SOOT ON BASE
003	LSTON	1	BOTTLE	BS
003	LSW1	2	JUG	BASE
003	MP	1	JUG	BUFF/BROWN FABRIC
003	DST	1	JUG	BS
003	LSW1	1	JUG	NECK CORDON
003	LSW2	1	JUG	BS
003	LSW2	1	JUG	BS
003	LSW2	1	JUG;INDENT?	FE DEC
003	LSW2	1	JUG	APP VERT STRP
003	LSW4	1	JUG	BS
003	LSW4	1	JUG	BS
003	LLSW	1	JUG	BS
003	LLSW	1	JUG	BS
003	LLSW	1	JUG	BS
003	LLSW	1	JUG	BS
003	LSW2	1	JUG	BS
004	LSWA	1	CURFEW?	UNGLZE WIDE STRAP HANDLE;VENT HOLE AT LHJ
004	LSW3	1	JUG	BS
004	LSW1	1	JUG	? ID OR LMLOC
004	LMLOC	1	JUG	? ID OR LSW1;BASE
004	BL	1	BOWL?	BASE;18/19TH
004	STSL	1	CUP?	PLAIN;BASE
004	SIEG	1	JUG	RIM
004	LPM	1	-	BL/W
018	LEMS	6	JAR/BOWL	C.40% OF BASE
018	LSW2	1	JUG	PART SPL GLZE;EARLY CUFF RIM;UHJ
018	LSW1	1	JUG	BASE
018	MEDLOC	1	?	FABRIC A;BS
018	LSW2	1	JUG	BS
018	LSW2	1	JUG	BS;NOTCHED APP DEC
022	ST	1	JAR/PIT	12TH;GLZE
022	DST	1	JUG	BS
022	LSW1/2	1	JUG	MULTI CORDONS
022	LSW1/2	1	JUG	ALL ROUND THU BASE?
022	LSWA	1	JUG	BS
022	LSWA	2	JAR?	GLZE;HEAVILY SOOTED BASE
022	LSWA	1	LID?	FLANGED RIM;OR JAR/BOWL
022	LSWA	1	JUG	BS
022	LSWA	1	JUG	BS;UNDERFIRED
022	TILE	6	CURFEW	RIM & BS
022	LFS	1	JAR	REUS;COUNTER;RF00
022	LSW1/2	1	JAR/PIPKIN	RIM
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LFS	1	?	FRAG
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS



022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BS
022	LSW1	1	JUG	BASE
022	LSW1	7	JUG	BS
022	LSW1	12	JUG	BS & BASE;NECK CORDON
022	LEMS	1	?	BS
022	LEMS	1	COOKPOT	BS;ODD FABRIC;? ID
022	LEMS	1	COOKPOT	RIM
022	LFS	1	?	BASE
022	MEDLOC	1	?	FABRIC A?;THICK SOOT
022	MEDLOC	1	?	FABRIC A;BASE
022	POTT	1	?	BASE
022	POTT	1	?	BASE
022	POTT	1	?	BASE
022	POTT	1	COOKPOT	BS
022	POTT	1	?	BS
022	POTT	1	?	BS
022	POTT	1	?	BS
022	LSW1/2	1	?	NO OUTER SURFS
022	LSW1/2	1	JUG	BS
022	LSW1/2	1	JUG	BS
022	LSW2	1	JUG	BS;INT SOOT
022	LSW2	1	JUG	BS;APP DEC
022	LSW2	1	JUG	BS
022	LSW2	1	JUG	BS
022	LSW2	1	JUG	BS;APP VERT STRP
022	LSW2	1	JUG	BS;NOTCHED CORDON
022	NEWS	1	JUG	BS;?? ID;OR DONC;COMB WAVY DEC;OFF WHITE GRITTY FABRIC;BURNT
023	LSW1	1	JUG	BS
023	POTT	1	BOWL	EVERTED RIM
025	NSP	1	JUG/PITCHER	BS
025	LSWA	1	JUG	BS;NOTCHED CORDON OR LSW2
028	LEMS	1	?	BASE
028	LSWA	1	BOWL/URINAL	INT GLZE;THICK INT DEP;?? LLSW
028	LLSW	1	JUG	BS;? ID
029	TOY	1	JUG	THU BASE;OR TOYII
029	LLSW	1	JUG	? ID;THICK BS;INT DEP
029	LLSW	1	JUG	BS
029	LLSW	1	JUG	BS
029	LLSW	1	BOWL	BASE
029	LSW2/3	1	PIPKIN?	INT GLZE;SOOT
029	LSW	1	LARGE VESS	SPOT GLZE
031	POTT	1	?	BS



031	LSW3	1	JUG?	INT DEP;OR LLSW
031	LSW	1	?	HEAVILY SOOTED;SPL GLZE INT;? LATE
032	LEMS	2	?	BS
032	POTT	3	BOWL	USED AS CURFEW;INT SOOT;INC WAVY DEC
032	POTT	1	COOKING POT	BS
032	TILE	1	CURFEW	RIM
032	LSW2	1	JUG	BS
032	LSW1	1	JUG	BASE
032	LSWA	1	JAR	UNGLZE;BS;INT DEP;?ID;BLACK OUTER SURF
033	POTT	1	?	BASE;? ID
035	ANDE	1	?	?? ID;ODD LIKE PING;YELL GLZE SPOTS
035	ST	1	JAR	GLZE;12TH
035	LFS	1	JAR	RIM
035	ST	1	BOWL;SMALL	RIM;INT GLZE;L11/12TH
035	LFS	1	JAR	BS
035	LFS	1	JAR	BS
035	LFS	1	JAR	BS
035	LFS	1	?	BS
035	LFS	1	?	BS
035	LOCC	1	JUG	BS;INC HORIZ LINE DEC
035	DST	1	RING VASE	BS
035	EMX	1	JAR?	FABRIC C?;? ID;BASE;SOOT
035	EMX	1	JUG	FABRIC C?;? ID
035	PING	1	JUG	BUFF FABRIC;RED COMMA? PAINT
035	LSW1/2	1	JAR/PIPKIN	RIDGED BS;HEAVY SOOT
035	NSP	1	JUG/PITCHER	BS
035	NSP	1	JUG/PITCHER	BS
035	NSP	1	JUG/PITCHER	BS
035	NSP	1	JUG/PITCHER	BS;GROOVED HORIZ DEC
035	NSP	1	JUG/PITCHER	BS;INC WAVY DEC
035	LSW1	2	JUG/PITCHER	BS
035	LSW1	1	JUG/PITCHER	BS
035	LSW1	1	JUG/PITCHER	BS
035	LSW1	1	JUG/PITCHER	BS
035	LSWA	1	CURFEW	BS;SOOT INT
040	R	1	-	SAMPLE 5
040	MISC	1	-	SAMPLE 5;? ROMAN OR MED;REDUCED QUARTZ TEMPER
044	LSW3	1	?	BS;THICK INT SOOT;EXT GLZE;? ID
045	LLSW	2	JUG	RIM & HANDLE;ODD RIM;LARGE FRAGS
047	MY	2	BOWL?	? ID;INC WAVY & SROUL DEC RIM TOP;VITR GREEN FABRIC
048	CIST	1	CUP	BS
048	HUM	1	JUG	BS;OR LSW4
050	LSW2	1	JUG?	BS;TINY
050	LSW2	1	JUG?	BS;TINY



050	LSW1/2	1	BOWL?	RIM;UNGLZE
050	LLSW	1	JUG	BASE;? ID
050	CIST	1	CUP	HANDLE
051	LSWA	1	JUG	THU BASE;LATE
051	PMLOC	1	BOWL	INT CU GLZE;? EARLY GRE
051	TOYII	1	JUG/JAR	BS
051	HUM	3	JUG/CISTERN	6 GROOVE ROD HANDLE;THU UHJ RIM & BS;? ID OR LSW4
052	LMED	1	JUG/JAR	? ID;PURPLE/GREY FABRIC;FINE SAND
052	LMED	1	BOWL/LAMP/JUG	? ID;RIM;UNDERFIRED GLZE
053	LEMS	1	COOKPOT	? ID;BURNT;SOOT INT
054	TB	1	JAR/JUG	? ID;SPL GLZE;MED/EPMED
054	TB	1	JAR/JUG	? ID;MED/EPMED
055	LMLOC	1	BOWL	? ID
062	NSP	1	JUG	BS
062	LEMS	1	COOKPOT	BS
062	DST	1	LID?	THICK INT & EXT CU GLZE;? ID
062	LSWA	1	JUG	BS;SPL GLZE
093	LSWA	1	?	BASE;PROB LATE
093	WS	1	CUP	RIM
094	LSW2	1	JUG	BOW DEC
094	LSWA	1	BOWL	BASE;INT GLZE
094	LSW2	1	JUG	BS;FE APP STRP
094	LSW2	1	JUG	BS;APP STRP
094	LLSW	1	JUG	BS
094	BL	1	BOWL	RIM;18/19TH
094	BL	1	DRINK VESS	BS;17/18TH
100	LSW1/2	1	LAMP	RIM;AMBER GLZE INT
101	LSW1/2	1	JUG	BS;AMBER GLZE
101	LSW1/2	2	BOWL	BS;INT GREEN/BROWN GLZE
101	LSW1/2	1	JUG	NECK CORDON;FE APP VERT STRP
101	LSW2	1	PIPKIN	RAISED RIDGE HANDLE;WORN GLZE/BURNT
101	LSW2	1	JUG;SMALL	GROOVED STRAP HANDLE
101	LSW2	1	JUG	BS
101	LSW2	1	JUG	BS
101	LSW2	1	JUG	BS;APP VERT STRP
101	EMX	2	JUG	FABRIC C?;VERY THIN WALLED
102	LEMS	1	?	BASE
102	LSW2/3	1	JUG	BS
109	LSW2	1	JUG	THU BASE
109	LLSW	1	JUG	BS
110	LLSW	1	JUG;BALUSTER	BS
110	POTT	1	BOWL;LARGE	SLIGHTLY EVERTED RIM;INC WAVY DEC ON INNER RIM
112	LSW4	1	JUG	? ID OR HUM;FABRIC C?
112	LSW4	1	JUG	? ID OR HUMOR LLSW;FABRIC C?
118	LSW1	1	JUG	BS;? ID
118	LSWA	1	?	SCRAP;? POT;WORN
122	LSW	1	?	FRAG



122	LSW1/2	1	JAR/PIPKIN	BS;SOOT
122	LSW2/3	1	JUG	BS;NO GLZE
125	LSWA	1	?	MISC POT/TILE
126	LLSW	1	JUG	BS
127	MISC	1	JAR/COOKPOT	BS;SHELL FABRIC;COULD BE ROMAN
130	LSW2	1	JUG	NOTCHED CORDON
131	LEMS	1	?	BS;ODD FABRIC;? ID
131	LIM	1	?	BS
131	LSWA	1	?	AMBER GLZE SOOT INT
131	LSW1	6	JUG	LATE;SHOULDER CORDON
131	LSW1	1	JUG	NECK
131	LSW1	1	JUG	THU EDGE STRAP HANDLE
132	LEMS	1	COOKPOT	BS
132	LEMS	1	COOKPOT	BS
132	LEMS	1	COOKPOT	BASE;ODD FABRIC
132	LSWA	1	?	BASE
132	LSW2	1	JUG	BS
132	LSW1	1	JUG	BS
132	LSW1	1	JUG	BASE
132	MEDLOC	1	INDUSTRIAL/CURFE W?	FABRIC A;VERY ODD THICK BASE;INT SOOT
133	LFS	1	JAR	BS
133	LFS	1	JAR	BS
133	LFS	1	JAR	BS
133	NSP	3	JUG	BS
133	DST	1	JUG	BS
133	LSW1	1	JUG	BS
133	LSW1	1	JUG	BS
133	LSW1/2	1	JUG	BS;APP BOW/THU DEC
136	LSW4	1	JUG	BS;FABRIC C
136	LSW4	1	JUG	BS;FABRIC C;FLAKE;?ID
137	LSW1/2	1	JUG	BS;? ID
140	LFS	1	JAR	BASE
140	NSP	1	JUG/PIT	BS
141	POTT	7	COOKPOT	COMPLETE PROFILE;INT & EXT SOOT;EARLY

**Key to Ware codes**

ANDE	ANDENNE WARE	LEMS	LOCAL EARLY MEDIEVAL
BL	BLACKWARE		SHELLY WARE
BOU	BOURNE; FABRIC D	LFS	LINCOLN FINE-SHELLED WARE
CIST	CISTERCIAN TYPE WARES		
DST	DEVELOPED STAMFORD WARE	LIM	OOLITE-TEMPERED FABRICS
		LLSW	LATE GLAZED LINCOLN WARE
DUTR	LOW COUNTRIES RED EARTHENWARE	LMED	LATE MEDIEVAL
		LMLOC	LATE MEDIEVAL LOCAL FABRICS
EMX	EARLY MEDIEVAL NON-LOCAL FABRICS	LOCC	LOCAL SPLASHED WARE
HUM	HUMBERWARE	LPM	EARLY MODERN OR MODERN
LANG	LANGERWERE STONEWARE	LSH	LINCOLN SHELLY WARE



LSTON	LATE STONEWARES	NSP	NOTTINGHAM SPLASHED
LSW	UNDATE LINCOLN FABRICS		GLAZED WARE
LSWA	GLAZED LINCOLN WARE; FABRIC A	PING	PINGSDORF-TYPE WARE
LSW1	GLAZED LINCOLN WARE	PMLOC	POST-MED LOCAL FABRICS
LSW1/2	LSW1 OR LSW2	PORC	PORCELAIN (GENERAL)
LSW2	GLAZED LINCOLN WARE	POTT	POTTERHANWORTH WARE
LSW2/3	LSW2 OR LSW3	R	ROMAN
LSW3	GLAZED LINCOLN WARE	RAER	RAEREN STONEWARE
LSW4	GLAZED LINCOLN WARE	SAIM	SAINTONGE MOTTLED WARE
	MEDLOC MEDIEVAL LOCAL FABRICS	SEIG	SEIGBURG STONEWARE
		ST	STAMFORD WARE
		STSL	STAFFORDSHIRE SLIPWARE
MEDX	MEDIEVAL NON-LOCAL FABRICS	TB	TOYNTON OR BOLINGBROKE- TYPE WARE
MISC	UNDATED MISCELLANEOUS FABRICS	TILE	TILE FABRIC
		TORK	TORKSEY WARE
MP	MIDLAND PURPLE-TYPE WARE	TOY	TOYNTON WARE; KILN 1 6W(ROSES)
MY	MIDLAND YELLOW-TYPE WARE	TOYII	TOYNTON WARE; KILN 3
		WS	WHITE SALT-GLAZED WARES
NEWS	NEWARK SANDY WARE		

**Tile/Building Material**

Context	Form	Count	Weight	Sub-form	Fabric	Comment
018	PLAS	2	60	-	-	1XPAINT
022	STILE	6	220	-	LST	-
023	MORR	1	20	-	-	-
050	STILE	1	120	-	LST	-
054	MORR	1	10	-	-	-
094	ASB	1	15	-	-	-
110	MORR	1	35	-	-	-
128	STILE	1	35	-	-	-
132	STILE	1	20	-	-	-
001	NIB	1	180	2B/C	1	-
001	NIB	1	140	2B	1	OR 2C;CORNER
001	GPNR	1	90	-	7	-
001	PNRDISC	4	260	-	1	DIFF TILES;FLAT
003	NIB	1	170	7	-	CORNER
003	NIB	1	130	6	-	CORNER
003	NIB	1	200	2B/C	1	CORNER
003	NIB	1	230	4A/B	1	-
003	PNRDISC	30	2330	-	1	DIFF TILES;FLAT
003	PNRDISC	4	730	-	1	CORNERS;DIFF TILES; FLAT
003	DRNDISC	1	200	-	-	STONEWARE
003	NIBDISC	1	130	1/2	1	CORNER
003	NIB	1	250	4E	1	CORNER
003	NIB	1	190	4E	1	CORNER
003	NIB	1	80	4E	1	CORNER



003	NIB	1	100	4E	1	-
003	NIB	1	50	4E	1	-
003	GRID	1	370	1A	1	GLZE;CREST
003	RID	5	280	15	-	CREST WITH 6X4 GRID STAMPS
018	PNR	1	380	-	1/7	FLAT;? SCORE MARK
018	PNRDISC	5	430	-	1	DIFF TILES;FLAT
018	PNRDISC	1	120	-	LSWA	FLAT
018	NIB	1	120	2D	1	TYPE SERIES
022	PNRDISC	10	830	-	1	DIFF TILES;FLAT
022	PNRDISC	1	200	-	1	CORNER;FLAT
022	PNRDISC	2	150	-	LSWA	CORNER;FLAT;DIFF TILES
022	PNRDISC	1	630	-	1	LOWER CORNERS; FLAT;WIDTH 205MM
024	PNRDISC	4	460	-	1	DIFF TILES;FLAT
024	PNRDISC	2	540	-	1	CORNER;DIFF TILES;FLAT
024	PNRDISC	1	280	-	LSWA	CORNER;FLAT
024	PNRDISC	1	180	-	LSWA	FLAT
024	NIB	1	270	2B/C	1	CORNER
028	PNRDISC	3	130	-	1	DIFF TILES;FLAT
028	PNRDISC	1	40	-	1	CORNER;FLAT
028	GRID	1	90	-	1/7	EDGE
029	PNRDISC	17	1240	-	1	DIFF TILES;FLAT
029	PNRDISC	2	280	-	1	CORNERS;DIFF TILES; FLAT
029	NIB	1	80	4A/B	1	CORNER
031	PNRDISC	3	230	-	1	DIFF TILES;FLAT
031	PNRDISC	1	90	-	1	CORNER;FLAT
031	PNRDISC	1	40	-	LSWA	FLAT
031	NIBDISC	1	140	-	1	MOULDED NIB
032	NIB	1	200	4C	1	CORNER;THIN TILE
032	PNRDISC	12	800	-	1	DIFF TILES;FLAT
032	RIDDISC	1	30	-	1	-
032	RIDDISC	1	180	-	1	-
033	PNRDISC	5	440	-	1	DIFF TILES;FLAT
033	PNRDISC	1	300	-	1	CORNER;FLAT
033	PNRDISC	1	40	-	7	VITR;FLAT
044	PNRDISC	2	150	-	1	DIFF TILES;FLAT
044	PNRDISC	1	370	-	7	FLAT
044	NIB	1	260	4C	1	CORNER
045	PNRDISC	2	370	-	7	DIFF TILES;FLAT
045	PNRDISC	11	710	-	1	DIFF TILES;MOST FLAT
045	BRK	1	50	-	-	EARLY?
046	PNRDISC	1	50	-	1	FLAT
048	PNRDISC	5	600	-	1	DIFF TILES;FLAT
048	NIBDISC	1	150	3A	1	SINGLE NIB
050	BRK	8	850	-	-	17/18TH;HUMAN FINGER BONE? IN FABRIC
050	PNRDISC	2	110	-	7	DIFF TILES;FLAT
050	PNRDISC	1	40	-	7	FLAT;CORNER



050	PNRDISC	11	1640	-	1	DIFF TILES;FLAT
050	PNRDISC	1	50	-	1	CORNER;FLAT
050	PNRDISC	1	130	-	-	? FABRIC;FINER ORANGE FABRIC WHITE CLAY INCLUSIONS
050	NIBDISC	1	20	4	1	-
050	NIBDISC	1	50	4	1	-
051	NIBDISC	1	30	4	1	SINGLE NIB
051	PNRDISC	5	390	-	1	DIFF TILES;FLAT
051	PNRDISC	2	210	-	1	VITR;? SAME TILE; CORNER; FLAT
052	PNRDISC	1	230	-	1	FLAT
052	NIBDISC	1	50	-	1	SINGLE NIB
053	PNRDISC	1	160	-	1	SEMI VITR;FLAT
053	PNRDISC	1	210	-	7	CORNER;FLAT
054	PNRDISC	3	70	-	1	DIFF TILES
054	PNRDISC	1	170	-	1	CORNER;FLAT
055	PNRDISC	2	70	-	1	DIFF TILES;FLAT
055	PNRDISC	1	90	-	7	FLAT
057	NIB	1	80	2B/C	1	CORNER
057	NIB	1	220	2B/C	1	-
057	PNRDISC	2	70	-	1	FLAT
057	NIB	1	220	2B/C	1	-
057	NIB	1	80	2B/C	1	CORNER
086	BRK	3	20	-	-	SCRAPS
091	PNRDISC	9	230	-	1	DIFF TILES;FLAT
091	PNRDISC	1	70	-	1	FLAT;CORNER
091	NIBDISC	1	40	-	1	-
091	NIB	1	70	4C	1	CORNER
093	BRK	5	440	-	-	18TH
093	PNRDISC	2	150	-	1	DIFF TILES;FLAT
093	PNRDISC	2	40	-	LSWA	DIFF TILES
093	NIB	1	80	2B	1	OR 2C;CORNER
094	PNRDISC	20	1020	-	1-7	DIFF TILES;MOST FLAT
094	PNRDISC	2	280	-	7	DIFF TILES;FLAT
094	PNRDISC	4	440	-	1	DIFF TILES; FLAT; CORNERS
094	PANTDISC	9	700	-	-	-
094	BRK	5	860	-	-	18TH-20TH
094	MODTIL	1	50	-	-	NIB;CONCRETE?
099	PNRDISC	1	40	-	1	FLAT
099	NIBDISC	1	50	3A	1	-
100	PNRDISC	2	100	-	1	FLAT;DIFF TILES
100	NIB	2	130	4E	1	CORNER
100	NIB	1	110	4D	1	-
101	PNRDISC	1	300	-	7	CORNER;FLAT;? FABRIC ID
101	PNRDISC	1	240	-	1	CORNER;FLAT
101	PNRDISC	9	550	-	1	DIFF TILES; MOST FLAT
101	NIB	1	280	5D	1/7	TYPE SERIES;GLZE
101	NIB	1	50	4A/B	1	-



102	PNRDISC	6	330	-	1	DIFF TILES;MOST FLAT
102	PNRDISC	1	60	-	LSWA	FLAT
102	PNRDISC	1	100	-	1	FLAT;CORNER
102	PNRDISC	1	170	-	7	FLAT
102	PNRDISC	1	20	-	-	LATE MED?
107	PNRDISC	1	10	-	1	-
109	PNRDISC	2	40	-	1	DIFF TILES
109	PNRDISC	1	80	-	1	CORNER;FLAT
109	PNRDISC	1	190	-	1	CORNER;FLAT;VITR
109	PNRDISC	1	50	-	7	FLAT
110	PNRDISC	5	220	-	1	FLAT;DIFF TILES
110	GPNR	1	310	-	7	FLAT
112	PNR	1	0	-	-	CONCRETION
112	PNRDISC	4	190	-	1	DIFF TILE;FLAT
115	NIB	1	60	4C	1	CORNER
115	PNRDISC	1	100	-	-	FLAT;LATE?
115	PNRDISC	3	10	-	-	-
116	PNRDISC	4	290	-	1	FLAT;DIFF TILES
117	PNRDISC	7	410	-	1	FLAT;DIFF TILES
117	PNRDISC	1	80	-	LSWA	FLAT
120	NIBDISC	1	60	4	1	-
122	PNRDISC	2	10	-	-	SCRAPS
122	PNRDISC	1	80	-	1	FLAT
122	PNRDISC	1	60	-	7	FLAT
125	PNRDISC	5	180	-	1	DIFF TILES
126	PNRDISC	3	60	-	1	DIFF TILES
126	PNRDISC	1	60	-	1	COMPL SOOTED;FLAT
131	PNRDISC	1	80	-	7	FLAT
132	PNRDISC	1	150	-	7	FLAT
135	BRK	1	410	-	-	17/18TH
136	PNRDISC	1	30	-	1	CORNER;FLAT
136	PNRDISC	1	80	-	1	VITR;FLAT
136	PNRDISC	12	530	-	1	MOST FLAT; DIFF TILES
136	NIBDISC	1	40	4C	1	-
137	PNRDISC	8	280	-	1	DIFF TILES
137	PNRDISC	3	200	-	7	DIFF TILES; FLAT;? FABRIC ID
138	PNRDISC	6	100	-	1	SMALL FRAGS
141	PNRDISC	1	30	-	LSWA	FLAT
148	PNRDISC	1	180	-	1	FLAT;CORNER
148	PNRDISC	10	480	-	1	MOST FLAT; DIFF TILES
148	PNRDISC	1	170	-	7	FLAT
114	NIB	1	120	4C	1	CORNER
114	NIB	1	0	7I	-	VITR
023	PNRDISC	9	1240	-	-	DIFF TILES;FLAT
023	PNRDISC	1	200	-	7	FLAT
023	PNRDISC	3	200	-	1	FLAT;DIFF TILES; CORNERS
023	NIB	1	100	1/2	1	-
023	NIB	1	180	2	1	-
023	NIB	1	250	1/2A	1	CORNER



002	RFURN	1	50	-	1	? ID OF FORM;SOOT INT
002	PNRDISC	11	880	-	1	DIFF TILE;FLAT
002	PNRDISC	1	330	-	7	CORNER;FLAT
002	PNRDISC	1	120	-	1	CORNER;FLAT
002	NIB	1	120	1/2	1	-
002	NIB	2	280	1/2A	1	CORNER
002	NIB	1	170	1/2A	1	-
002	NIB	1	100	4E	1	-
002	NIB	1	60	4E	1	-

**Key to Form codes**

ASB	ASBESTOS ROOF TILE
BRK	MEDIEVAL/POST-MEDIEVAL BRICK
DRNDISC	DISCARDED UNGLAZED DRAIN OR WATER PIPE
GPNR	GLAZED PEG/NIB/RIDGE TILE
GRID	GLAZED RIDGE TILE LOUVER CERAMIC ROOF LOUVE
MODTIL	MODERN UNGLAZED TILE
MORR	BUILDING MORTAR
NIB	UNGLAZED NIB TILE
NIBDISC	DISCARDED UNGLAZED NIB TILE
PANTDISC	DISCARDED PANTILE
PLAS	WALL PLASTER
PRN	UNGLAZED UNDIAGNOSTIC ROOF TILE
PRNDISC	DISCARDED UNGLAZED UNDIAGNOSTIC ROOFING TILE
RFURN	ROOF FURNITURE
RIDDISC	DISCARDED UNGLAZED CURVED RIDGE TILE
STILE	STONE ROOF TILE

**Build Finds**

Context	Name	Count	Comments
003	NAIL	5	X1 + TILE IXBOLT
003	BOLT	3	MOD.19-20.2XWINE IXGINDER BEF
003	OGLA	4	MOD.19-20.2XWINE 2X LIDS (MILNER AND AIR & CALDER) WHOLE IXRM
003	SHEP	1	OYET DIS



**Registered Finds**

Context	Finds No.	Material	Name	Comments
001	16	IRON	-	NAIL?
003	1	COPP	-	SHEET
003	4	COPP	WIRE	PIN?
003	17	IRON	-	+ STON CF <14> (MD)
003	18	IRON	-	(MD)
003	19	IRON	-	(MD)
003	20	IRON	-	(MD)
003	21	IRON	-	(MD)
003	22	IRON	-	X5 NAILS? (MD)
003	23	IRON	-	+ SLAG
003	33	COPP	-	-
003	36	IRON	-	-
003	40	STON	HONE	NRAG
022	6	STON	HONE	NRAG
022	7	CERA	DISC	LSAX;11-12;LFS WHOLE
024	5	STON	HONE	NRAG
033	14	IRON	-	SCIS/SHEA X2 (=1) CF <17>
033	15	IRON	-	-
033	30	IRON	-	FKEY?
033	31	IRON	-	-
035	9	CERA	DISC	EMED;12;LEMS
035	13	CERA	CRUC	MED;MCRUC
045	11	IRON	-	-
091	2	COPP	-	-
091	3	COPP	BROO	MED;;ANN WHOLE
091	24	IRON	-	-
093	32	IRON	-	-
094	37	IRON	-	-
101	10	IRON	-	-
101	38	-	-	GLAS?
112	26	COPP	STAP	MED;
112	27	IRON	KNIF	-
112	28	IRON	-	+ LEAD CAME
112	29	IRON	-	NAILS? + STON
112	34	COPP	-	-
112	35	COPP	-	X2 (=1) SHEET
112	41	IRON	-	+ CERA TILE PNR
115	25	IRON	-	NAIL?
131	8	IRON	-	SLIDE KEY?
133	12	IRON	-	-
135	39	COPP	-	X2 (=1) OFFC?

**Bulk Finds**

Context	Name	Count	Comments
003	NAIL	6	X1 + TILE 1XBOLT
003	BOTT	5	MOD;19-20;2XWINE 1XGINGER BEER
003	OGLA	4	MOD;L19-E20;JAR 2XLIDS (KILNER AND AIRE & CALDER) WHOLE 1XRIM
003	SHEL	1	OYST DIS



004	CTPS	2	PMED;E17-E18;DIS
004	BOTT	1	MOD;L18;1760-1780
022	SHEL	1	OYST DIS
029	COAL	4	22GMS 2XBURNT
029	SHEL	6	5XOYST 1XMUSS DIS
029	WOOD	1	1GM CHAR
031	NAIL	1	-
031	SHEL	1	OYST DIS
031	SLAG	1	5GMS FAS?
032	MSTO	1	70GMS IROS DIS
033	SHEL	1	OYST DIS
035	NAIL	1	-
035	SLAG	1	2GMS SSL
046	COAL	1	6GMS BURNT
051	SHEL	1	OYST DIS
051	SLAG	1	55GMS SSL
091	SHEL	1	OYST DIS
094	CTPS	1	PMED;E17-E18;DIS
109	SLAG	2	54GMS SSL
109	WOOD	1	37GMS CHAR
110	COAL	1	3GMS
110	SHEL	22	18XOYST 4XMUSS DIS
110	SLAG	1	21GMS SSL?
112	NAIL	5	-
112	SLAG	2	1XSSL? (31GMS) 1XFAS? (4GMS)
114	NAIL	1	-
114	SHEL	3	OYST DIS
115	NAIL	1	-
115	SHEL	1	WHEL DIS
117	COAL	2	15GMS
117	SLAG	2	190GMS SSL
118	SHEL	1	OYST DIS
121	SLAG	1	7GMS SSL
122	NAIL	2	X1 + POT
122	SHEL	2	OYST DIS
122	SLAG	3	1XSSL (13GMS) 1XHBOT? (39GMS) 1XTAP? (7GMS)
124	SHEL	14	10XOYST 4XMUSS DIS
126	SHEL	1	OYST DIS
130	SHEL	1	MUSS DIS
136	SHEL	1	OYST DIS
137	COAL	3	41GMS
137	SHEL	1	OYST DIS
138	SHEL	4	OYST DIS
139	COAL	2	5GMS
139	SHEL	6	4XOYST 1XCOCK 1XWHEL DIS
141	NAIL	1	-

early part of the 13<sup>th</sup> century. Vessel types include a wide range of wares, including grey ware, pipkins, curfews and a lid. Several of the vessels are of good quality and are consistent with the interpretation of reasonably high status ownership. These deposits are fine of any known residual types and suggest that they consist of contemporary rubbish directly deposited on the site. Several other deposits with similar material may also be contemporary. However, these groups do not contain enough diagnostic pottery to be certain that they belong to the early 13<sup>th</sup> century and not the late 12<sup>th</sup> century. Deposits of any date without the presence of residual material are extremely rare, and are almost unknown within the city. It is deposits such as these, that provide clear-cut evidence for



## *Finds Discussion*

### *Registered Finds and Bulk Materials*

All finds were recorded to basic CLAU archive level and all data entered onto the computer using the CLAU thesaurus of finds and bulk material codes. All metalwork was X-rayed at the Lincoln City and County Museum Conservation Laboratory.

Forty-one registered finds were recovered, mostly of heavily corroded iron (61% of the total) and copper alloy (22%). Other materials are poorly represented; there are only three stone and three ceramic finds, together with a single piece of highly deteriorated vessel glass, probably part of a bottle. None of the datable pieces are any earlier than the 11<sup>th</sup> or 12<sup>th</sup> century, while much of the remainder would be in keeping with a medieval or post-medieval assemblage.

The few notable items include a complete medieval circular brooch <3> from context ([091]) and parts of two pairs of iron shears: the first is represented by most of a single arm <21> from context ([003]), while both blades <14> of the second pair were found corroded together in context (033). It may be no coincidence that all three of the stone finds are hones <5, 6, 40> (contexts [003], [022], [024]), used for sharpening blades and other tools.

A small quantity of bulk materials includes iron nails (again, heavily corroded), shell, several clay tobacco pipe fragments, and modern bottle glass. Nine contexts also produced fragments of slag, most of it almost certainly smithing slag, although the total quantity recovered (0.43kg) is too small to be significant.

### *Post-Roman And Later Pottery*

A group of 347 sherds was recovered from the site. The pottery was examined and recorded at basic CLAU archive level (ware type by sherd count with note of diagnostic vessel form) using CLAU classification. Individual contexts groups were assessed for dating and dating horizons given. This basic archive, is stored on a UNIX-based data base, in comma separated files.

With the exception of a few sherds, all of the pottery recovered was in good condition. Vessels are mostly represented by medium to large sherds in a state of good preservation, showing little sign of continual post-depositional movement. A number of vessels were discoloured due to deposition in waterlogged deposits, making it difficult to be precise about the exact fabric type of some vessels.

A total of 46 different major ware types spanning the Roman to early modern periods was found on the site. The majority of vessels came from local sources, with Lincoln being the main centre. Both regional and continental imports are present, including vessels from France, the Low Countries and the Rhineland.

Only a single identifiable Roman sherd was found (context [040]); surprisingly for a city site no residual Roman pottery occurred in any of the post-Roman deposits. No post-Roman material of pre late 11<sup>th</sup> to mid 12<sup>th</sup> century date was recovered from the site. The remaining pottery is mostly of 12<sup>th</sup> to 13<sup>th</sup> century date, although a small amount of later material does occur.

The most significant groups of pottery on the site came from contexts [018], [022], [025], [101] and [132]. These comprised fairly large fresh fragments of contemporary pottery dating exclusively to the early part of the 13<sup>th</sup> century. Vessels types include a wide range of jugs, jars, cooking pots, bowls, pipkins, curfews and a lid. Several of the vessels are of good quality and are consistent with the interpretation of reasonably high status ownership. These deposits are free of any known residual types and suggest that they consist of contemporary rubbish directly disposed of on the site. Several other deposits with similar material may also be contemporary. However, these groups do not contain enough diagnostic pottery to be certain that they belong to the early 13<sup>th</sup> century and not the late 12<sup>th</sup> century. Deposits of any date without the presence of residual material are extremely rare, and are almost unknown within the city. It is deposits such as these, that provide clear-cut evidence for



typological dating, which is often constructed from uncertain sequences such as intercutting rubbish pits containing much residual material.

#### *Tile/Building Material*

A total of 448 fragments of Ceramic Building material was recovered from the site. These were examined and recorded at basic CLAU archive level (form type by sherd count and weight, with note of diagnostic subform) using CLAU classification. A discard policy agreed with the City and County Museum service was used, resulting in 373 fully identified fragments being discarded.

With few exceptions the ceramic building material recovered was in good condition. Preservation was good and there was little sign of re-use of tile fragments.

No Roman tile was recovered from the site. The dating of the medieval tile relies mostly on the flat roofing tiles with remaining suspension nibs, as many of the other tile sherds (90%) were of undiagnostic or wide date ranging types. The earliest types found are those with single or double triangular suspension nibs, dating to between the mid 12<sup>th</sup> and early 13<sup>th</sup> centuries. At least 53% of the nibbed tiles belong to the 12<sup>th</sup> or 13<sup>th</sup> centuries with the remaining types dating to between the 14<sup>th</sup> and 16<sup>th</sup> centuries. One unusual type (5D) has only previously been found on sites which are either ecclesiastical or may have had high-status buildings. Fragments of five ridge tiles were found, all probably dating to the later 12<sup>th</sup> or 13<sup>th</sup> centuries. One of these tiles was of an unusual type, being unglazed and having grid-stamped applied strips. Tiles of similar type have previously been found on only three sites in the city, all ecclesiastical. A small number of post-medieval and modern tile fragments occurred as did 23 fragments of 18<sup>th</sup> to 19<sup>th</sup> century brick.



