

**An Archaeological Excavation at
Crow Lane, Newton-le-Willows,
St. Helens, Merseyside
(Site Code 103)
NGR SJ 579 957
Final Report**

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Produced for Pinetree Developments

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An Archaeological Excavation at Crow Lane, Newton-le-Willows, St. Helens, Merseyside (Site Code 103): Final Report

1. Introduction

This document is the final report on the results of a programme of archaeological excavation at Crow Lane East/Borron Road, Newton-le-Willows. The excavation was conducted by National Museums Liverpool's Field Archaeology Unit (NMLFAU) in summer 2007 in advance of the redevelopment of the site for housing by the client, Pinetree Developments.

The site lies c. 0.75 km to the west of the historic core of Newton-le-Willows on Crow Lane East at its junction with Borron Road at NGR SJ 579 957 (Fig. 1). It was formerly occupied by office accommodation constructed in the 1960s which was demolished in 2006.

2. Background

No formal desk-based assessment was conducted for this project, although the known history of the site is summarised below.

2.1 Documentary Evidence

In the early 20th century Crow Hall (also known as Crowe Hall or White Cross Hall) was probably one of the oldest houses standing in the township of Newton-le-Willows (formerly Newton-in-Makerfield). Lane (1914) described it as 'formerly a moated grange' possibly the 'abode of the serjeant (or bailiff) of the Lord of the Manor'.

The Serjeant family of Newton-le-Willows is mentioned in documentary sources from the early 13th century onwards. However, although they held land in Newton from at least 1212, the first time they are directly associated with Crow Hall is in a lease of 1556, in which William Serjeant confirms his father John's lease to Peter Legh of his 'capital messuage called Crow-lane Hall'. The original lease from John Serjeant to Peter Legh was dated 1534, confirming that the site was occupied by that date (Farrer and Brownbill, 1911, 133-134).

The Serjeant family remained significant landholders in Newton until the late 17th century but seem to have lost ownership of the house, for in 1673 a building which was probably Crow Hall was sold by William Blackburne to John Stirrup of Newton, and forty years later it was sold to Peter Legh of Lyme (ibid). By the late 19th century it had been divided into three separate units which Lane records as a wheelwright's workshop and two houses. By the early 20th century the Hall was leased by Pilkingtons (Lane 1914) who owned the Newton Crown Glass Works which were situated to the north.

2.2 Map and Photographic Evidence

The Hall is depicted on mapping from the mid-18th century onwards, the earliest being the Legh estate plan of 1745, surveyed by Benjamin Yoxall (Fig. 2) which shows a building set within a sub-rectangular plot of land surrounded by fields. A building identified on later mapping as a farm. A slight kink in the western boundary

may be a relic of one corner of the moat described by Lane. The building is shown as an east-west aligned structure with projecting wings to east and west.

The Tithe Map of 1839 (Fig. 3) seems to show the building largely unchanged; the west wing may be slightly smaller, though this is probably a drafting error, and out-buildings are shown to the east and south-west of the house. The elongated plot shown on the Yoxall map is shown as being divided into two separate gardens. Plot 728 was owned by Thomas Legh and occupied by Esther Brandwood. Plot 727 was also owned by the Legh estate but was occupied by Lydia Gaskell. Unfortunately houses are not listed in the Tithe Apportionment. However, the division of the gardens into two plots occupied by different people suggests that the house was similarly divided.

The next map to show Crow Hall is the 6 in to the mile Ordnance Survey of 1849 (Fig. 4). This shows the house unchanged since 1839, with an orchard to its rear (north) and a well in front of the east wing.

The Legh Estate Map of 1853 (Fig. 5) shows the main house unchanged since 1839, though the out-buildings shown on the 1839 Tithe Map are not depicted and the building is shown standing in a single plot, identical in form to that shown on the Yoxall map. However, it is possible that this section of the survey was based upon an earlier survey, because the primary purpose of this map was to show the layout of an intended housing development to the north-east of Newton High Street. Therefore it is possible that Crow Hall was still divided into two dwellings.

The 1st Edition 25 in to 1 mile survey of 1841-3 (Fig. 6) shows the hall divided into three separate plots equating to the east wing, central range and west wing as described by Lane (1914). This map also depicts a range of outbuildings to the rear (north) of the hall. Later editions continue to show the hall sub-divided into three separate properties until it was demolished in the 1930s. The only significant change is the demolition of the out-buildings in the early 20th century. The site remained vacant until the construction of single storey offices in the 1960s which occupied the site until c. 2007.

Historic photographs show a multi-gabled building based upon a central range with wings to either side (Plate 1). The central range appears to be timber-framed whilst the two side wings are either rendered over timber framing or constructed in brick or stone. There are chimney stacks over the central range and east wing, though there is none over the west wing, which suggests that there were no fireplaces in that section of the building. The central range contains two minor gables to subsidiary wings, at least one which would have contained an entrance to the building.

A more detailed view of the front of the building (Plate 2) covers the western end of the central range and shows windows arranged over two floors. Earlier examples of this type of building tended to have a central hall open to roof level, and this evidence suggests that Crow Lane was a relatively late example of its type. At least some of the timber framing shown on this view appears to be in fact cladding over brickwork.

Assuming that this building followed the normal pattern, the central range will have contained a 'Great Hall' at ground floor level and private rooms to the first floor. One of the side wings will have contained further private accommodation and the other wing ancillary rooms such as the parlour, buttery and kitchen, given the lack of a chimney stack over the west wing it is likely that the ancillary rooms were located there. In Merseyside buildings constructed in this style typically date to the early 16th to late 17th century.

The survival of significant remains on site was confirmed by a programme of trial trenching (Adams and Jones 2007) conducted in summer 2007. Sites of this type are relatively rare in the north-west of England and despite recent fieldwork remain relatively poorly understood.

In summary, documentary, map and photographic evidence suggested that there may have been a building on the Crow Hall site since at least the early 13th century, though the only directly datable structure appeared to date to the 16th-17th century.

The project aims were as follows:

- To record the survival, nature and extent of deposits relating to Crow Hall and any earlier structures on the site
- To obtain dating evidence for the construction of the hall, in particular medieval and early post-medieval ceramics.

3. Project Methodology

The excavation consisted of an open area excavation of the hall as determined from map evidence and the results of trial trenching. Full details of the excavation methodology are given in the Project Design (Appendix B). The trial trenches had found no evidence for the moat suggested by Lane or the out-buildings shown on OS mapping of the site.

The Project Manager was Mark Adams. The Site Supervisor was Cath Edwards. Site Assistants were Clare Ahmad, Helen Jones, Steve Price, Dorn Carran, Andrew Burn, Kevin Cootes and Anys Price. Dawn Parry and Russ Neale worked as volunteers.

4. Description of the excavated Deposits

The excavation found remains relating to the eastern and western wings of Crow Hall consisting of cut features, the foundations of brick and sandstone walls and some *in situ* floor surfaces (Fig. 7, Plate 3). These were excavated in stratigraphic sequence and are described below, where possible, in stratigraphic order beginning with the oldest. Because of the limited range of directly datable material present, dating usually relied upon stratigraphic evidence and constructional details. However, although the two side wings were relatively well preserved there was little evidence for the central range.

In general the stratigraphic sequence was remarkably well preserved considering the site's history. Where deposits relating directly to the Hall survived, they were sealed by a mixture of top-soil and rubble (context 4, Phase 5 below). Other areas, particularly that formerly occupied by the central range and the southern end of the west wing, were truncated to geological deposits consisting of firm yellow Boulder Clay with occasional lenses of sand which occurred across the whole site. This disturbance is likely to have occurred during demolition of the Hall in the 1930s as these areas were generally sealed by top soil mixed with rubble. The only significant recent disturbance related to the removal of the Employment Centre foundations and consisted of two east-west and north-south aligned trenches, both c. 2 m wide and 1 m deep (Fig 7, Plate 3). Fortunately both of these areas of disturbance crossed areas already disturbed by the 1930s demolition and appeared to have had little or no impact upon the surviving stratigraphy.

All numbers in bold text refer to context numbers.

4.1 Phase 1 (Medieval?)

The earliest phase of activity was represented by heavily truncated deposits in the south-western corner of the site (Fig. 8, Plate 4). These were overlain in places by a layer of grey silty clay (context **74**) containing charcoal and occasional fragments of hand-made brick (Fig. 7, Plate 4). This deposit appeared to represent the top of Boulder Clay disturbed by garden activity during the life of the Hall. In many places its relationship with the features described below was ambiguous and some of the finds it contained appear to contradict the dating given below. However, this was probably a consequence of this deposit having accumulated gradually through the life of the Hall rather than as a single event.

Two ephemeral sandstone rubble-filled features, **98** and **105** (Fig. 8, Fig. 12.1 and Plate 5) represented the most obvious evidence for a structure in this area. Due to their truncated nature, it was not possible to discern the floor plan of this structure, though the straight edges of the cut suggest that it had a rectilinear outline. No finds were recovered from within their fills to give an indication of their date, though the very absence of such evidence may be an indicator of an early date, given the generally recognised paucity of material culture on early medieval sites in the region. Directly to the south of feature **98** lay a thin spread of sandstone fragments within context **74**, these may have been derived from construction material from this phase.

Further to the west a north-south aligned linear cut, **150**, (Fig. 8) had a shallow bowl shaped profile and was c. 0.3 m wide, 0.03 m deep and at least 2.0 m long. It was filled by **145**, a firm grey brown silty clay containing occasional flecks of charcoal which was very similar in character to layer **74**. The origin of this feature was not clear; it may have been a foundation for an ephemeral timber building, containing a horizontal timber, although it could have represented a silted up wheel rut. However, it ran closely parallel to context **133** in Phase 3 (Fig. 10), so it is possible that it was actually contemporary with that feature, its fill was sufficiently similar to layer **74** for it not to have been recognisable earlier in the excavation. Close by was a square cut, **159**, c. 0.20 m deep also filled with similar material to **74** (Fig. 8). Its function and date were not determined but may relate to this Phase.

The only other feature which may relate to this phase was excavated within the southern room of the east wing. Underlying the east-west aligned exterior wall of this room was a shallow north-south aligned linear cut **180** filled with sandstone rubble **71** which was probably the robbed out base of an earlier wall (Fig. 8, Plate 6). Directly to the west of **180**, wall **40** (Phase 3, Fig. 9) incorporated sandstone blocks which may have represented part of an earlier wall, though the remainder of **40** was constructed in hand-made brick and therefore dated to the 17th or 18th century. Both of these features ran broadly at right angles to those to the west and may therefore be associated with them.

4.2 Phase 2 (Late Medieval)

This phase was represented by a well, **84** situated at the south-western edge of the east wing (Fig. 8). It was partially sealed by walls **39** and **40** which formed part of the east wing of Phase 3 (Fig. 9) and therefore the well pre-dated the 17th/18th century structure. It is possible that it was broadly contemporary with Phase 1, though there was no stratigraphic evidence to support this.

The well had a maximum diameter of 1.20m and was lined with dressed sandstone blocks. There was clear evidence of collapse within northern extent of the well lining

possibly caused by the partially overlying walls of the east wing. For safety reasons the backfill of the well could only be excavated to a depth of 0.50 m therefore a date for its construction could not be obtained. The well appears to have continued in use after the construction of the hall as the water pump, the base of which was evident during excavation, can be clearly seen in the Frost photograph (Plate 1).

4.3 Phase 3 (Mid-Late 17th century to 18th century)

This phase of the Hall was composed of three elements, the east wing, central range and west wing. Unfortunately insufficient survived to determine the stratigraphic relationship between the wings. Consequently they are described as a single phase, despite the possibility that they were in fact constructed sequentially. For ease of reference deposits are described by wing, with each wing divided into its constituent rooms.

4.3.1 East Wing

The east wing was the best preserved section of the hall and was defined by exterior walls **38, 39, 40, 41, 42** and **50**, though the eastern wall **38** had been partially destroyed at its northern end by modern disturbance (Fig. 9, Plate 8). In addition the upper courses of some walls (e.g. **50**) had been severely damaged by frost action, possibly compounded by compaction during construction of the offices in the 1960s, making it difficult or impossible to distinguish individual bricks. The wing covered approximately 10.0 x 6.4 m and was sub-divided into two large rooms separated by a central corridor running between them.

The predominant building material was poorly fired hand-made red brick with average dimensions of 0.23 x 0.12 x 0.06 m, bonded with a lime mortar. Walls **50** and **40** both included dressed sandstone blocks, which may have been reused materials or wall alignments from an earlier structure. The building materials suggest a construction date somewhere between the 17th to 18th century for this part of the hall. A small sherd of mottled ware dating to the 18th century was found in context **39** and may supply dating evidence for this part of the Hall, though its small size (weight 1.9 g) suggests that it may be intrusive.

Most of the walls in this area were preserved to only a few courses in depth, making it impossible to establish details such as the bonding of brickwork and the relationship between different sections. The only exception was exterior wall **42** located on the south-western extent of the wing. Partially preserved to a depth of six courses, **42** was built using English Garden Wall bond; this consistent with the regional fashion at the time of construction (Nevell and Walker 2002, 23). None of the walls had foundation trenches, all were constructed directly onto the upper surface of Boulder Clay, and this probably accounts for the dearth of dating evidence for this phase, there being no occupation deposit in which dating evidence could accumulate.

This wing was divided into two halves by an east-west corridor 5.8 m long and 1.1 m wide which connected to the south-eastern corner of the central range. The corridor was defined by wall **36** to the north and wall **45** to the south. A short section of north-south aligned wall **48** at the eastern end of **36** defined a corridor in to the northern room.

The northern room measured 3.8 m north to south and 4.2 m east to west and was defined by wall **36** to the south and wall **68** and the rear of fireplace **70** to the west (Fig. 9). Wall **48** to the east ran parallel to the eastern external wall **38** and defined a

short corridor leading into the room from the south. Originally there was a second western access from the central range, though this was later blocked (See Phase 4).

Finds evidence from the make-up levels for the floors in this area (context **100**) suggests that the original floors were totally replaced in the late 18th or early 19th century (i.e. Phase 4). However, a small group of cut features with the northern half of the room all clearly predated the flooring and may belong to this phase. Two of these had a stratigraphic relationship but are considered together for simplicity. The earliest, **149**, was a square cut feature approximately 0.50 m across and 0.15 m in depth, the other, was **116**, which near-circular in plan with a diameter of 0.40 m and 0.30 m in depth. Both features appeared to have been deliberately backfilled with deposits containing a high volume of charcoal and ferrous material. A spread of similarly charcoal-rich material was evident within the north-eastern corner of the room. The well preserved remains of a bucket (Context **118**) were recovered from the base of **116** (Plate 9). The bucket had been deliberately placed as a lining within the pit, though the reason for this was not clear. A clay tobacco pipe bowl (SF 184) contained within the fill dates its disuse to the late 18th or early 19th century. Some of the clay tobacco pipe stems found in the fill were heavily sooted and one was slagged, suggesting an association with high temperatures, though this is more likely to relate to the material deposited in the bucket than the bucket itself.

Cut **139** lay slightly to the east of **149** and was sub-circular in plan with a shallow bowl shaped profile. The interpretation of these features is uncertain, some may relate to construction activities upon the site, though the buried bucket may have been intended for storage.

The southern room had dimensions of 4.4 m east to west and 3.2 m north to south and was divided from the central corridor by east-west aligned wall **45** (Fig. 9). Access was gained from the corridor through an entrance at the north-western corner of the room, via a small square projection defined by walls **41** and **42**. These walls would have formed the base of one of the three small gabled projections from the central range shown on Plate 1; the other projections did not survive. The fact that **41** and **42** were constructed in brick and appeared contemporary with the rest of the east wing, appears to contradict the evidence in Plate 2 that these were relatively late additions to the Hall. However, a short section of foundation **108** running between **40** and **45** may represent the original continuation of **40** and the relatively poor survival provided in sufficient evidence to reach a firm conclusion.

The main architectural element preserved within this room was the base of a small fireplace abutting the south face of wall **45**. This feature was bonded with and contemporary with wall **45** and was also constructed in hand-made brick. The flagstone surface within the base of the fireplace appears however to have been a later addition as it overlay a dark spread of burnt material **117** leached into the underlying clay. The floor surfaces in this room also appeared to have been replaced in the 19th century (Phase 4), though little survived in this area. A layer of disturbed natural clay containing fragments of construction material **47** underlay the walls of the east wing and therefore clearly predated or was associated with the construction of the brick-built hall. It is possible that it represented trample during construction. Cut into layer **47** at the south-eastern corner of the room was pit **138**; this was a shallow circular feature with a maximum diameter of 0.80 m filled by demolition material. A very similar feature, **139**, had been cut through the flagstone floor surface within the north-eastern extent of the northern room; both features appear to be contemporary and relate to the demolition of the hall.

4.3.2 Central Range

This area of the site had been heavily truncated by construction of the Job Centre in c. 1960 leaving little evidence of the plan of the central range. A short section of east-west aligned sandstone wall (**43**) appeared to represent the easternmost extent of the southern wall of the Hall at this point (Fig. 9). To the north a large sandstone block at the eastern end of wall **50** appeared to represent the alignment of the northern wall or back of the building. The best preserved remains from this area were the base of the hall's large west-facing fireplace, though this appeared to have undergone a number of modifications. Originally the hearth of the fireplace was defined by two parallel walls (**127** and **126**) with a brick and flagstone base (**129**). Later (possibly during Phase 4) this appears to have been built up to form a raised brick platform, **70**, perhaps to support a stove, the metal- grilled front of the fireplace was found collapsed to the west of this feature.

4.3.3 West Wing

Most of the area formerly occupied by this wing had been heavily truncated by demolition in the 1930s, so none of the structural elements relating to the southern section of the wing had been preserved. However, its plan and location can be inferred from map evidence and features related to drainage of the site.

Two east-west orientated drains with curved terminals, **80** and **82**, were probably contemporary with the 18th-century hall and would have followed the west wing's south-facing elevation (Fig. 10, Plate 10). Both had a simple brick structure, the northern of the two having evidence of a brick capping, the southern having a base lined with fragmented sandstone flags **102** (Fig. 12.2, Plate 11). Both drains terminated directly to the east of a north-south aligned linear gully **133**, (Plate 12) interpreted as part of the same drainage system the fill **107** of which contained only 17th-century material. A north-south aligned feature interpreted as a drain clearly pre-dated **80** and **82** but may have been part of the same system. Its construction was unusual, consisting of two parallel rows of sandstone cobbles **76** c. 0.3 m apart laid over a bed of neatly laid water-worn cobbles **124**. It was filled with brown silty clay similar in composition to layer **74**. This feature ran broadly parallel to the north-south aligned features in Phase 1, but was cut through layer 74, suggesting it was later. Unfortunately, there were no associated finds to indicate a date for this feature.

The preservation at the northern end of this wing (Fig. 10) was significantly better, though all of the surviving floor levels were 19th-century brick (e.g. Context **56**) or 20th-century concrete (e.g. Context **54**) belonging to Phase 4 and there was evidence for extensive late 18th or early 19th-century rebuilding in this area. None of the original floor surfaces survive, though traces of an east-west aligned sleeper wall **152** survived within the make-up for brick floor **56**, suggesting that this area originally had a sprung timber floor. The only surviving elements relating to this phase were the external brick walls (Contexts **52**, **59**, **60**, **72**, **65** and **64**). Context **72** contained short sections constructed in coursed sandstone ashlar **55** and overlay the fill of pit **165** measuring c. 1 m x 1m and 0.5 m deep which contained a mix of late 17th-century tobacco pipe bowls with some early 19th-century pipe stems which suggests that this section at least was rebuilt in Phase 4. The fill was probably occupation debris disturbed during rebuilding of this section of the wall.

Walls 59 and 60 were short, north-south aligned walls defining an entrance corridor into the building and may have been later insertions.

4.4 Phase 4 (19th century)

The major changes made to the building in this phase were replacements of internal and external floor levels which gave the building its final form (Fig. 11).

Context **142** (Fig. 7, Plate 8) was an east-west aligned wall constructed in hand-made brick set c. 7.5 m south of the east wing. Its function was not clear, though it appeared to be a revetment to a bank or garden feature external to the hall.

4.4.1 East Wing

The remains of a north-south aligned wall **95** abutting wall **50** suggested the presence of an outbuilding constructed against the back elevation of the east wing. The full extent and date of this structure is unclear and it does not appear on the currently available map evidence.

The earliest surviving floor in the north room appears was probably a set of large sandstone flagstones represented by contexts **35** and **96**; these had become very fragmented, the largest surviving being 0.75 x 0.65 m. A brick surface, **37**, had been laid at the southern end of the room composed of hand-made brick of a very similar nature to those used for the walls, suggesting the re-use of materials from elsewhere. Small areas of brick surface (**92** and **51**) were also evident at the northern end of the room. It is likely that the brick surfaces represent later repair to the damaged flagstone floor. All floor surfaces within the room were laid upon a layer of loose yellow sand, **100**, used to create a level surface for the bedding of the flags.

Flooring **46** in the corridor area was identical in form to the flagstone floor within the northern room, with a large area being preserved intact at its western and southern extent.

An insubstantial brick wall **44** constructed across the corridor in the east wing post-dated the insertion of the floors. Evidence for a similar wall **93** abutting walls **50** and **126** was noted during the removal of the demolition level from area north of **70** though this was insubstantial and very poorly preserved. Both walls served to block access from east-wing to the central range and related to the division of the hall into three separate dwellings in the 19th century (Lane 1914).

Little evidence remained of a solid floor surface within the southern room; however fragmented flagstones within the entrance suggested it had originally been flagged and coin evidence (See Section 5) suggests that they were laid after 1809. Whether the flagstones within this room had been removed prior to or during the demolition process is unclear.

4.4.2 Central Range

Little survived of the later phases in the central range, the fireplace appears to have been built up to form a raised brick platform, **70**, perhaps to support a stove, the metal grilled front of the fireplace was found collapsed to the west of this feature. During the modification of the fireplace the area directly to the south of **70** seems to have been deliberately blocked off by the construction of wall **69** and the extension of wall **36** westwards. The reason for this was not clear, though the resulting void was filled by **67**, a loosely compacted, brown gravelly coarse sand which was different in character to the demolition debris suggesting that this was material inserted to pack the void. The finds within the fill included two late 19th or early 20th-century milk bottles which provide a *terminus post quem* for the deposition of **67**. A flagstone

surface, **87**, identical to that within the east wing was partially preserved to the west of the fireplace.

4.4.3 West Wing

Evidence for rebuilding of the northern wall of this wing has already been discussed under Phase 3.

Further rebuilding is represented by an east-west aligned wall constructed in coursed red sandstone blocks **168** which probably formed the north wall of a cellar (Fig. 11, Plate 14). However, this area was extensively disturbed by the construction of the air-raid shelter in Phase 6 and it was impossible to be certain of its exact nature. The cellar was at least 8 m in length (east-west) probably only c. 1.2 m wide (north-south), an unusual plan suggesting it was constructed for a specific purpose. Stratigraphic and finds evidence showed that it had been constructed in the late 19th century, though it was not clear whether the cellar was a new insertion or a replacement of an original.

All of the external yard surfaces (e.g. Contexts **57** and **68**) and surviving internal floor surfaces (e.g. Contexts **62**, **63** and **56**) associated with the northern end of the west wing date to this Phase, coin SF10, an Irish halfpenny or farthing was found in the make-up for floor **62**. The surface is very heavily abraded, though it is just possible to make out the outline of the portrait and the harp on the obverse. Although the wear is very heavy the orientation of the portrait suggests that it dates to the reigns of either George II (possibly a 'young head' coin of 1736-55) or George IV who only issued these coins in 1822 or 1823 (Spink 2003). The floor levels in the southern room of the east wing were also probably replaced at this date, two George III pennies (SF 88 and 314) of 1806-7 were found in context **47**.

4.5 Phase 5

The hall was demolished in c. 1936 (S. Dowd, pers. comm.). A single number (context **4**) was assigned to the demolition deposits and topsoil which covered the structure. The demolition deposits consisted of a very mixed deposit reaching a maximum depth of approximately 0.20 m, though in places it was as little as 0.10 m thick. It consisted of crushed red brick rubble, lime mortar, painted wall plaster, ceramics, glass and metalwork. The vast majority of the artefacts recovered from within this deposit were 19th to 20th century in date and relate to the final occupancy of the hall and its demolition.

4.6 Phase 6

The final phase of activity on the site prior to the construction of the Job Centre was the construction of an air-raid shelter across the west wing in c. 1940. This partially destroyed the cellar of Phase 4, some of the cellar's stonework being re-used in the construction of the shelter.

5. Finds (A. Price, J. Speakman and M. Adams)

5.1 Methodology and Introduction

The finds were recorded on-site by context, catalogue numbers were assigned during the post-excavation analysis. The finds were classified by type and class following NMLFAU's post-excavation recording system. This has entailed the recording of many of the early finds to individual sherds or vessels. Contexts containing 19th and

20th-century finds were recorded to a lesser extent, with only bulk information noted. Where possible, these later finds have been loosely grouped together to aid future specialist examination if required.

All finds are from the main excavation area, Trench 6, unless otherwise stated.

A total of 1905 finds was recovered, weighing 99.245 kg (Table 1), from 41 contexts, though a small proportion were unstratified.

Material	Total Number of Pieces	Total Weight (g)
Coal	1	29.0
Unidentifiable Stone	1	56.6
Building Materials	1	900.0
Cork	2	2.2
Rubber	2	34.9
Sandstone	2	1904.6
Iron	2	40010.1
Mortar	3	42.1
Plastic	5	12.4
Alabaster or Gypsum	5	39.5
Slate	6	172.4
Lead	6	661.1
Shell	7	8.3
Wood	7	107.1
Industrial Waste	11	1893.3
Animal Bone	13	138.8
Copper Alloy	24	250.1
Unidentifiable Metal	129	12548.8
Ceramics	231	6649.4
Glass	457	11159.8
Pottery	990	22624.6
Total	1905	99245.1

Table 5.1. Total number of finds by material type

5.2. The Pottery

The total pottery assemblage consisted of 699 pieces weighing a total of 14.725 kg. All of the pottery was 17th century or later in date.

Period	Total Number of Pieces	Total Weight (g)
Post-Medieval	313	8355.9
Modern	386	6369.1
Total	699	14725

Table 5.2 Pottery by general period

5.2.1 The Post-Medieval Pottery

Over one third of the pottery assemblage consisted of post-medieval earthenwares dating to the 17th to 18th centuries.

Type	Find Number	Context	Total Weight (g)
Dark-glazed Ware	8	171	179.00
Dark-glazed Ware	205	162	19.30
Dark-glazed Ware	208	134	28.60
Dark-glazed Ware	438	171	4.70
Dark-glazed Ware	439	171	33.20
Dark-glazed Ware	440	171	29.90
Coarse Yellow Ware	224	81	33.10
		Total	327.8

Table 5.3. 17th-Century Pottery by Context and Find Number

17th-Century Dark-Glazed Earthenwares

Dark-glazed earthenwares are the most common type of post-medieval pottery found on archaeological sites in North-West England and form part of a long-lasting variety of wares. The forms and techniques of production originated in the early post-medieval dark-glazed earthenwares and pottery based upon these styles continued in use into the 20th century.

The 17th century dark-glazed earthenwares have many features in common with early post-medieval finewares, reflecting more competent attempts at potting, with a better finish, and covered with good quality glazes, although where thin the glaze often has a purplish tinge. During the 17th century a new range of forms began to appear, replacing many of the early post-medieval forms. Amongst them was a range of cups in various shapes and sizes.

There are only six sherds of 17th century dark-glazed earthenwares in the excavated assemblage and all appear in 19th century or later contexts.

The most significant of these is SF8 (Fig. 13). This is the base of a tall, upright, drinking vessel, with slightly concave sides, recovered from context **171**, a 19th-century drain to the north of the west wing. The metallic brown glaze, mottled with black, and the overfired purple fabric suggest an early date for the vessel, possibly late 16th century, but it is more likely to be a mid 17th century vessel form.

Its form is unusual, having a slightly concave profile rather than the straight-sided or conical form generally seen in cups of this period. Generally drinking cups had steeper sides and three handles or more. It is impossible to say whether this cup had more than one handle.

Other sherds of early darkware found in context **171** were SF438, SF439 and SF440. SF438 is a rim sherd from a fine dark ware vessel, whilst SF440 is a body sherd from

a fine dark ware vessel possibly a mug like SF8. SF439 is a collection of two body sherds and one handle fragment from a coarse dark ware vessel or vessels.

One body sherd, SF208, was recovered from context **134**, the make-up for a 19th century floor at the northern end of the west wing, another, SF205, was recovered from context **162**, a 19th century drain north of the east wing.

17th Century Yellow-Glazed Wares

Yellow-Glazed Ware is a soft to hard-fired earthenware, with internal, near transparent, lead glaze which fires to yellow in an oxidising atmosphere. The colour derives from impurities in the glaze and from iron oxides in the clay body or slip coat. A darker fabric colour results in a more orange glaze. The impurities in the fabric can often give a dark brown, speckled or mottled effect to the glaze.

Yellow-glazed wares were produced wherever pale firing clays were available and examples recovered from excavations in Rainford have shown that vessels in this ware were being produced in southwest Lancashire.

In the northwest yellow-glazed wares were produced at Rainford and are dated by association with a group of clay tobacco pipes to the mid-17th century. The vessels from Crow Lane fit into this local 17th century yellow-glazed tradition.

Two sherds of Coarse Yellow Ware were recovered from context **81**, the fill of a drain at the southern end of the west wing and are both grouped under the same find number SF224. The group consists of one base fragment and one body sherd, probably from coarseware bowls; the classic form small bowl, of truncated conical shape with flanged rim, is common on the Rainford kiln site.

18th Century Dark-Glazed Earthenwares

At the end of the 17th century and during the early years of the 18th century there was a change in the quality of both the fabric and glaze of the dark-glazed earthenwares, whilst they generally maintained the same forms and shapes.

The site yielded a large assemblage of 18th century dark-glazed earthenware; 301 pieces, weighing a total of 10.872 kg.

CONTINUED NEXT PAGE

Context	Total Number of Pieces	Total Weight (g)
U/S	8	232.2
4	74	4535.9
22	4	34.1
74	5	121.2
81	14	99.9
83	3	18.8
85	4	97.0
89	1	18.7
99	7	41.8
100	1	3.5
101	2	33.6
107	12	151.2
110	1	2.3
111	1	11.8
128	1	12.0
130	1	30.6
131	3	4.4
132	3	189.6
134	2	98.7
137	19	1008.8
142	6	124.3
153	27	826.1
160	52	1838.0
162	1	19.3
166	10	511.9
171	39	806.7
Total	301	10872.4

Table 5.4. 18th Century Dark-Glazed Earthenware by context.

During the 18th century these wares were produced by what were, in effect, factories in large quantities in Prescot, St Helens and Liverpool, and this is reflected in the increasing quality and control of the production process. Some time in the mid-18th century a distinctive even, glossy black glaze, often with a metallic finish, was introduced.

The collection from Crow Lane Hall includes the neck of a candle holder SF90, found in the demolition debris from the 1930s (context **4**). This piece has evidence that it once had a small handle and would have been attached to a saucer. It dates to the 18th Century (Fig. 14). The remainder of the assemblage consists of domestic vessels dating to the 18th and 19th centuries.

Other Post Medieval Pottery

In addition to the dark-glazed earthenware, a small quantity of finer post-medieval pottery was present. This can be put into four groups: cream ware, mottled ware, tin-glazed earthenware and yellow ware;

Type	Total Number of Pieces	Total Weight (g)
Creamware	6	64.1
Mottled ware	15	129.9
Tin-glazed earthenware	2	6.4
Yellow ware	22	207.4
Total	45	407.8

Table 5.5 Other post-medieval pottery

Creamware dominated the market for domestic pottery between 1760 and 1780, although it was still in use into the early 19th century, at which time the colour of the fabric was almost white. It was made in huge quantities at all major centres of pottery production including Staffordshire and Liverpool (Fisher 1971, 38).

Six sherds of creamware were found in 19th century contexts around the site. Most notable are two very thick rim sherds SF260 from context **134** and SF277 from context **167**. They are both similar in thickness (up to 6mm) and material, and look to have been parts of two shallow bowls.

Mottled wares were produced in the 18th century and are characterised by a hard, fine light buff fabric with occasional streaks of white or red, while the distinctive glaze, internally and externally, is honey or straw coloured with dark brown streaks. There is also a dark version, with the same fabric colour but much darker, almost black, glaze due to the overloading of the streaks in the glaze.

The majority of the mottled ware was discovered in context **4**, including two teapot strainers SF284 and SF415, and SF2 a group of mottled ware from the same vessel with a rouletted pattern of circles stamped around the pot. It is possible this could also be part of a teapot as it has a tall upright rim suitable for a lid to sit on.

Another prominent piece of mottled ware is SF209 found in context **77**, the fill of a north-south aligned drain in Phase 3. This piece has a small wheel impressed stamp on it. Unfortunately the sherd is too small to distinguish what type of vessel it is from.

A very light yellow mottled ware SF222 was recovered from context **22**, the fill of a pit relating to demolition of the Hall. This group includes a base sherd and handle. The light colour is unusual compared to other mottled ware sherds from Crow Lane as they are all dark brown.

A small sherd of mottled ware weighing 1.9 g was found in context **39**, the southern wall of the east wing. This may supply dating evidence for this part of the Hall, though its small size suggests that it may be intrusive.

Tin-glazed wares were produced in large quantities in Britain during the 17th and 18th centuries at a number of centres including Liverpool (Fisher 1971, 5; Smith n.d

16-18; Black 2001, 4). They were made in a low-fired earthenware body with white, tin-oxide added to the glaze. Unfortunately the clay body was not durable, the glaze was easily chipped and the vessels proved unsuitable for use with hot beverages.

Only two tin-glazed earthenware fragments were recovered from the site; SF145 and SF174. Both are from the same context **83**, a drain at the southern end of the west wing and both appear to be from the same vessel. It is most likely they were from a plate with a blue and yellow striped rim.

Yellow wares are found wherever light-firing clays are available and were made from the 15th to the 20th century. The vessels are covered with a clear glaze, which takes on a pale yellow colour from impurities within the glaze and/or from iron oxides in the clay or slip. The impurities in the fabric can often give a dark brown speckled or mottled effect to the glaze. The characteristic early pale yellow would seem to have been deliberate and was produced by applying the glaze sparingly, resulting in a butter-like texture (Woodfield 1966, 79).

A total of 22 sherds of Yellow Ware were found in a range of contexts across the site, although the group consists mainly of small body sherds from indistinguishable vessels. However there are a few prominent pieces. SF333 from context **4** is a very thick rim piece with a brown line along its edge. Another patterned piece is SF32, also from context **4**, which has three lathe-turned parallel lines across it.

5.2.2 Modern Pottery (19th – 20th Centuries)

This material was grouped into two categories: earthenwares and stonewares.

Type	Total Number of Pieces	Total Weight (g)
Staffordshire-type earthenware	340	3162.1
Stoneware	186	6185.6
Total	526	9347.7

Table 5.6 Modern 19th-20th Century pottery

The majority this part of the assemblage, nearly 65%, consisted of Staffordshire type earthenwares which were produced in huge quantities at factories all over Britain, including Liverpool. These wares made in cheap, lightweight fabrics, often decorated by transfer printing. Transfer-printing enabled designs to be reproduced quickly and cheaply, on large numbers of vessels. The 'Willow Pattern', a common design amongst the material was standardised by 1790, was in common use by 1820 and continues in use today (Henrywood 1997, 63).

Notable amongst the material are two small sherds from context 4 both with a transfer printed design. The first (SF394) reads 'George .V. 1911' across a blue ribbon banner and is part of a souvenir mug for the Coronation. The second (SF397) was a child's mug decorated with scenes of a nursery rhyme 'Hey Diddle Diddle'.

Stoneware is an extremely hard pottery produced from clay, which is fired to such a high temperature (1200-1250°C) that the body has vitrified and become waterproof, unlike earthenwares which need to be glazed to hold liquids (Fisher 1971, 4; Oswald *et al.* 1982, 15). Stoneware is very strong and durable, could be potted thinly and needed only to be glazed for ornamental purposes.

SF431 from context **4** was a beer bottle made from grey stoneware with a grey glaze. It has the words 'IMPERIAL ½ PINT' on the front, and on the back it is stamped with a maker's mark 'H.KENNEDY, 2, GLASGOW'. Similar vessels were recovered from excavations in Chavasse Park Liverpool.

As well as beer, stoneware jars were also commonly used to hold preserves such as jam, during the 18th and 19th centuries. Crow Lane Hall yielded 133 stoneware marmalade jar sherds which were recovered from six contexts, two fragments were unstratified.

Context	Total Number of Pieces	Total Weight (g)
128	8	361.3
160	1	21.0
4	80	2361.6
460	6	377.9
47	2	20.5
67	34	722.9
U/S	2	37.4
Total	133	3902.6

Table 5.7 Marmalade jars by Context

Amongst this group of material were two vessels with impressed manufacturing trademarks under the base.

1. A near complete marmalade jar with an impressed trademark of a lighthouse and the words 'W. P. HARTLEY'/'AINTREE TRADE Ceramic MarbleK REGd' on the base; SF121 context **460**. It was made for Hartley's jam factory in Aintree, Liverpool. Jars of this type are known to have been made at the Midland or Melling Pottery, also known as the Pottery, in Melling, Liverpool, between 1877 and 1928.
2. A second marmalade jar had a London factory mark, SF315 context **67**. The trademark is that of Mason's of London and would have originally read 'Mason's London Made Jams'.

None of the other marmalade jars had any marks and are fairly generic.

5.3 The Clay Tobacco Pipes (M. Adams)

This section of the report represents an initial assessment of the tobacco pipes and their significance for dating. A full specialist report will be produced by an appropriate specialist (prob. D. Higgins) and included in the site archive.

A total of 214 fragments of tobacco pipe weighing 580.2 g was found in 25 contexts, the largest group being in the demolition layer **4** (Table 5.8). The vast majority of the assemblage consists of undiagnostic stems ranging in date from the late 18th to early 20th century and is not considered any further. The majority of the bowls are also 19th or 20th century in date and occur in contexts which can be otherwise dated to the 19th and 20th centuries.

Some of the pipe occurred in sealed contexts and provides useful supplementary dating evidence.

SF385, context **109**, the fill of the buried bucket in the northern room of the east wing, was a fragment of a large bowl in a red fabric with geometric decoration, possibly German or Turkish in origin. SF 184 from the same context was a late 18th or early 19th century bowl form. Some of the stems found in **109** were heavily sooted and one was slagged, suggesting that the material derived from a high temperature process. SF 360 (U/S) was decorated with a thistle and was probably 19th century in date. SF215, Context **142**, the garden wall in Phase 4, was a plain undecorated bowl, though its form suggests a date in the late 18th or early 19th century.

Context	Total Number of Pieces	Total Weight (g)
U/S	4.00	13.00
4	64.00	148.40
22	3.00	7.40
47	2.00	2.50
74	3.00	5.10
81	2.00	5.30
99	1.00	3.10
100	4.00	13.90
101	2.00	5.80
107	3.00	3.60
109	33.00	74.50
110	3.00	9.10
111	1.00	1.10
114	2.00	3.90
129	1.00	5.40
130	3.00	7.90
131	2.00	3.60
132	1.00	2.90
137	11.00	33.60
142	2.00	16.10
153	31.00	82.90
160	5.00	8.30
161	1.00	2.90
166	25.00	100.70
167	3.00	14.30
171	2.00	4.90
Total	214	580.2

Table 5.8 Summary of Tobacco Pipes by context

A small proportion of the assemblage dates to the 17th century, however in all contexts these occurred with later material. In general the forms are very similar to the Rainford pipes described in Davey *et al.* (1982) and dated to 1640-60 (Plates 15-20). They are summarised in Table 5.9.

Context	SF No	Description	Provisional Date
153	28	Stems	1600-1700
153	29	Four bowls, one stamped 'RL' with rouletted decoration to rim, one stamped 'RI' incised decoration to rim. Form and size suggest mid-17th century. Found in association with modern pottery (SF 24) in make-up for 19th century floor.	1600-1700
110	31	One bowl, no stamp, with rouletted decoration to rim. Form and size suggest mid-17th century. Very similar to SF43 and unstamped form in SF29. However, 19th century stems (SF 30) found in same context. Found in association with 19th century pipe stem in pit below floor in north room, east wing.	1600-1700
167	43	One bowl, no stamp, with rouletted decoration to rim. Form and size suggest mid-17th century and unstamped form in SF29. Very similar to SF31. Found with 19th century material in construction cut for west wing cellar, Phase 4.	1600-1700
171	57	Two stems with wider bore. Found in drain to rear of west wing. Occurred in 17th century assemblage dated stratigraphically to 19th century.	1600-1750
130	132	Two stems with wider bore. Found in make-up for Phase 4 floor.	1600-1750
107	197	Two stems with wider bore, one possibly later bowl fragment. Found in fill of Phase 3 drain.	1600-1700
166	201	One bowl with rouletted decoration to rim. Stamped, stamp eroded but similar to 'HB' forms in Davey <i>et al.</i> 1982 (Figs13 and 22). Form and size suggest mid-17th century. Found with 19th cent stems (SF200 and SF203) in pit sealed by north wall of west wing.	1600-1700
166	202	One bowl with rouletted decoration to rim. Stamped, stamp indistinct. Form and size suggest mid-17th century. Found with 19th cent stems (SF200 and SF203) in pit sealed by north wall of west wing.	1600-1700
142	216	One bowl, no stamp, with rouletted decoration to rim. No stamp, possible spur. Form and size suggest mid-17th century. Found with east-west garden wall Phase 4	1600-1700

Table 5.9 Summary description of 17th century tobacco pipes

5.4. The Metal Objects

The majority of the metal objects were in iron and consisted of non-diagnostic items of architectural furniture of 19th or 20th century date, such as door hinges and nails, which were not examined further.

The majority of the lead items were found in the demolition debris and consisted of sheet and pipe from the roof and plumbing system. A plaque in the form of a swan (SF19, Context 4) is of uncertain function (Plate 21).

Copper alloy finds included small dress items such as buttons and domestic fittings such as candle sticks, through none pre-dated the 19th century. Several copper alloy, low denomination coins were found, most in the demolition levels (Context 4). The significance of stratified coins for dating is discussed in section 4 (above)

Context	Finds No.	Coin type and Date of Mint	Notes	Reference
4	5	George IV Second issue penny 1827	Penny, abraded surface.	Spink 2003
4	9	NA	Copper alloy token? One surface blank, other obscured by corrosion.	
130	10	Irish Half-Penny George II or George IV (1741-1823)	Very abraded portrait and reverse just visible	Spink 2003
U/S	34	c. 1800-1968	Penny, surface masked by corrosion	
4	84	George III (1760-1820) Fourth issue penny Soho mint 1806-1807?	Penny, very abraded. Faint portrait of Britannia on reverse. Size of coin, orientation of Britannia and shield suggests George III penny.	Spink 1998
47	88	George III (1760-1820) Fourth issue penny Soho Mint 1806	Penny, fair condition.	Spink 1998
47	314	George III (1760-1820) Fourth issue penny Soho mint 1806-1807	Date obscured by corrosion products	Spink 1998

Table 4.8 Coins by date and context

5.5. The Glass

A total of 457 fragments of glass were recovered, weighing 11.15 kg (Table 4.9), from 29 contexts.

The majority of glass was found in the topsoil; context 4. These fragments consisted mainly of 19th century to modern liquor bottles (e.g. SF401), milk bottles (e.g. SF126), and window glass. A small number of unusual pieces of glass such as large 'nuggets' weighing up to 377.6g (e.g. SF165) and brown and blue tubular fragments (SF169 and SF101) were also recovered from context 4. It is possible these pieces are associated with the Newton Crown Glassworks, formerly situated to the north of the site.

Context **67** yielded two almost complete milk bottles SF126 which have raised text referring to the local area, both read; 'Thomas Edmondson Rigby Street St Helens'. Edmondson's Dairy was not traced in the available 19th and 20th Trade Directories for the area, though the form of the bottles suggests a late 19th or early 20th century date.

Context	Total Number of Pieces	Total Weight (g)
U/S	17	849.1
4	266	6644.6
22	5	169.0
39	1	0.4
45	1	3.8
47	3	127.6
67	12	1588.0
81	6	14.0
85	16	537.0
88	2	145.3
99	1	1.3
100	9	161.7
101	1	7.6
107	2	4.4
109	2	14.1
111	11	82.7
127	13	32.0
128	3	172.7
130	4	28.3
131	12	47.7
132	2	13.2
137	3	8.6
142	2	11.6
143	1	0.6
153	17	114.0
160	8	53.4
166	1	3.0
167	28	79.2
171	3	8.1
460	5	236.8
Total	457	11159.8

Table 4.9 Glass by context

The earliest glass find recovered from the site was a small fragment of green glass (SF53) recovered from context **171**, part of the complex of 19th century drains to the north of the west wing. It is probably part of the base of an early wine glass and is most likely to be 'potash glass' or 'forest glass' dating to the early 17th century

(Museum of London). Although the majority of the finds from this context were 17th century it contained some late 18th or early 19th century items such as fragments of Creamware and is likely to have been redeposited from its original context.

Context **153** yielded an almost complete window made up of rhomboid pieces of flat sheet glass (each side measuring 8cm), bound together by thin lead piping (SF311 and SF312), probably a window pane from the Hall itself.

6. Conclusions

Documentary, map and photographic evidence suggest that the site of Crow Hall, the principal residence of the Serjeant family, was occupied from at least the late 13th century and may have been moated. However, the first definite record of a building on the present site is in the lease dated 1534 from John Serjeant to Peter Legh and it is conceivable that the earlier building was located elsewhere in Newton. The last recorded building on the site, prior to the recently demolished Job Centre, had a C-shaped ground plan and multi-gabled front typical of yeoman houses of the 16th and 17th centuries.

The excavation found that the earliest structures on the site appear to have been one or more rectilinear buildings, slightly south of the 17th-century house. However, very little survived of these structures and there was no dating evidence associated with them. If, as seems likely, they pre-date the structures described below, then they must pre-date the 17th century and may relate to the building mentioned in the lease of 1534. There was little evidence for their overall form and function and no pottery or other artefacts pre-dating the 17th century were found in association with them. However, the very lack of datable material may suggest a medieval or early post-medieval date for these features because material culture is notoriously sparse on sites of this period in North-West England.

Trial trenching found no evidence for the moat suggested by Lane (1914) therefore the moat either lay outside the present plot boundaries or the site was not moated. Given that two of the trial trenches crossed the most likely locations of the moat as evinced by map evidence, it is considered likely that the site was never moated. This with the total lack of evidence for medieval occupation suggests that the earlier Serjeant's house was located elsewhere in Newton and that the building referred to in the lease of 1534 was the first to be constructed on this site.

There was slightly better direct dating evidence for the construction of the Hall depicted on historic mapping, though this remained sparse, particularly in the east wing. The floors in this area were inserted in the early 19th century, but need not be contemporary with the walls and were probably replacements of the originals. Small fragments of pottery, dated to the 18th century, were recovered from the brick fireplace fronting into the central range, though there was some evidence of rebuilding in this area and it is possible that these sherds relate to that, rather than to the original construction of this wing. In general the size of the bricks and the layout of this wing are consistent with a date in the 17th century.

The central range had been almost totally destroyed during demolition of the hall in the 1930s and by construction of the Job Centre in the 1960s. Photographic evidence from the late 19th and 20th centuries suggests that it largely dated to the 17th or 18th century. However, the use of sandstone blocks for at least part of the walling suggests that it may have contained fabric from an earlier structure, perhaps that referred to in 1534, though re-use of materials cannot be eliminated and it is as likely that this element was contemporary with the east wing.

The west wing was not as well preserved as the east wing. All evidence for the layout of the southern rooms had been truncated by demolition in c. 1936. The only surviving elements related to the northern rooms. The external walls in this area overlay deposits containing a mixture of mid to late 17th-century tobacco pipe and early 19th-century material and were therefore rebuilt sometime in the 19th century. The presence of leaded window glass with 17th-century tobacco pipe in the deposits sealed by these walls suggests that at least part of the earlier building had been demolished and rebuilt. All of the floor levels in this area were significantly later, probably 19th century, replacements of the originals. The cellar in this area was a 19th-century insertion, or at least a replacement of the original.

The vast majority of the finds from the site consisted of 19th and early 20th-century ceramics, glass and metalwork recovered from demolition deposits belonging to Phase 6. Intermixed with this were occasional fragments of earlier, 17th and 18th century ceramics such as Yellow Wares. No medieval finds were recovered

Very few finds pre-dating the 18th century were recovered, that which was present was mainly found in the north-western corner of the site. Approximately 20 sherds of 16th and 17th-century glass, ceramics and nine tobacco pipe bowls were recovered, though all appear to have been re-deposited in secondary contexts with 19th century material, which suggests that the site saw extensive reorganisation during the 19th century. Some, such as **153**, contained only 17th century material, though the nature of the contexts suggests that the material was deposited during the 19th century rebuilding of some sections of the Hall.

The relatively meagre artefactual assemblage present at Crow Hall is representative of such sites regionally. Similar excavations on sites with documentary or architectural evidence for occupation from the 11th to 17th centuries have found little, and in some cases no, finds evidence relating to occupation. Examples in St Helens include Scholes Hall, Lea Green and Newton Hall (Adams in prep. a.; Adams (in prep. b) where extensive trial trenching or excavation has found few finds pre-dating the early 18th century. The reasons for this remain unclear as ceramics were clearly in use, though it is likely that levels of domestic consumption seem to have remained relatively low.

In conclusion, there was little evidence for any occupation pre-dating the first direct mention of the site in 1534 and it appears likely that much of the structure visible in Plate 1 need date to no earlier than the mid to late 17th century and was probably built in a single phase. Interestingly this date coincides neatly with the sale of the Hall by William Blackburne to John Stirrup in 1673 (Farrer and Brownbill 1911, 134), raising the possibility that Stirrup had the house rebuilt following his purchase. Some sections of the building were rebuilt in the 19th century and the replacement of internal floors destroyed much of the evidence for the original internal layout of the building.

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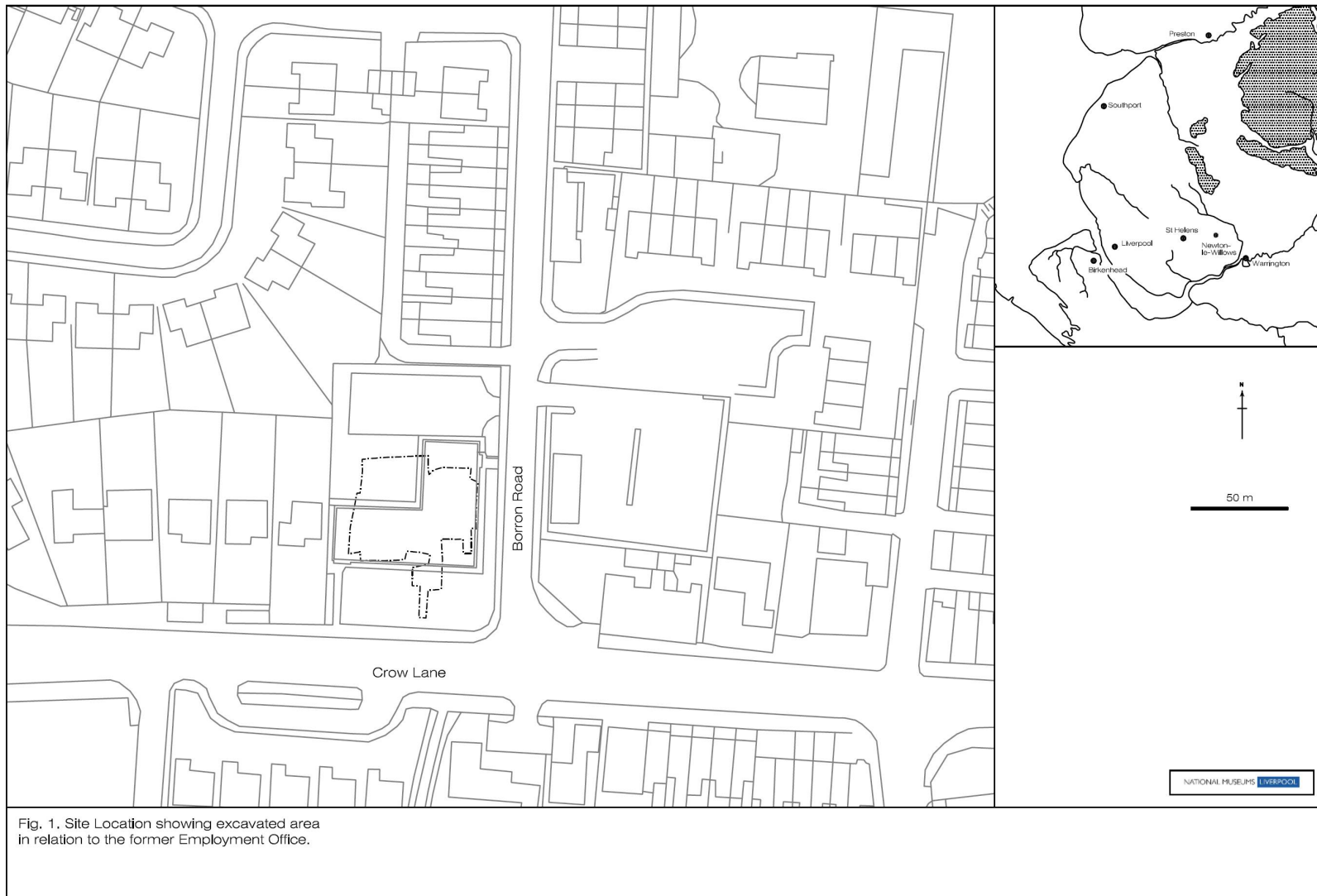
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8. Figures



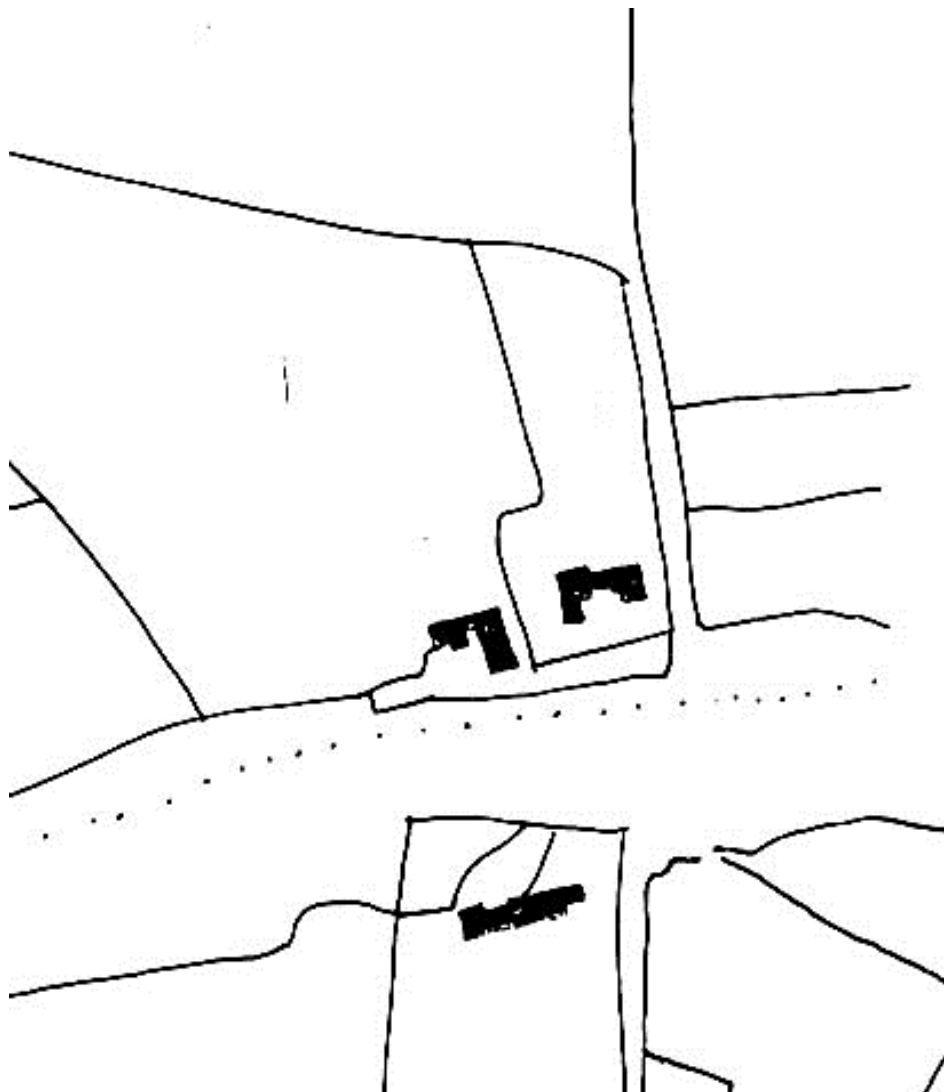


Fig. 2. Part of the Legh Estate map of Newton-le-Willows surveyed by Benjamin Yoxall in 1745 (St. Helens Library). Crow Hall is the right hand structure, north of the road. Based on a tracing in the MSMR.

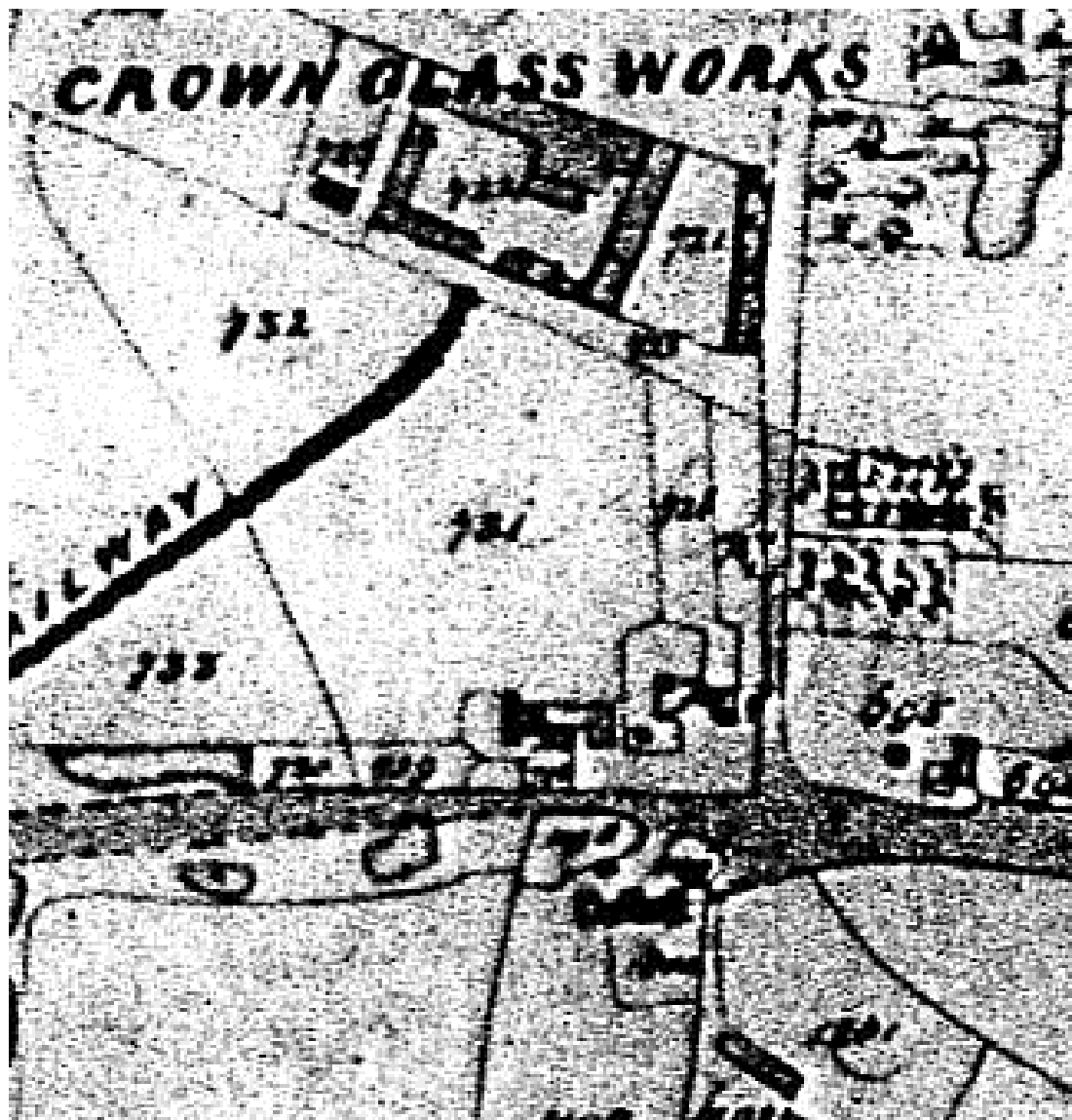


Fig. 3. Part of the Newton-le-Willows Tithe Map of 1839. This is the first map to show the Crown Glass Works to the north of the Hall.

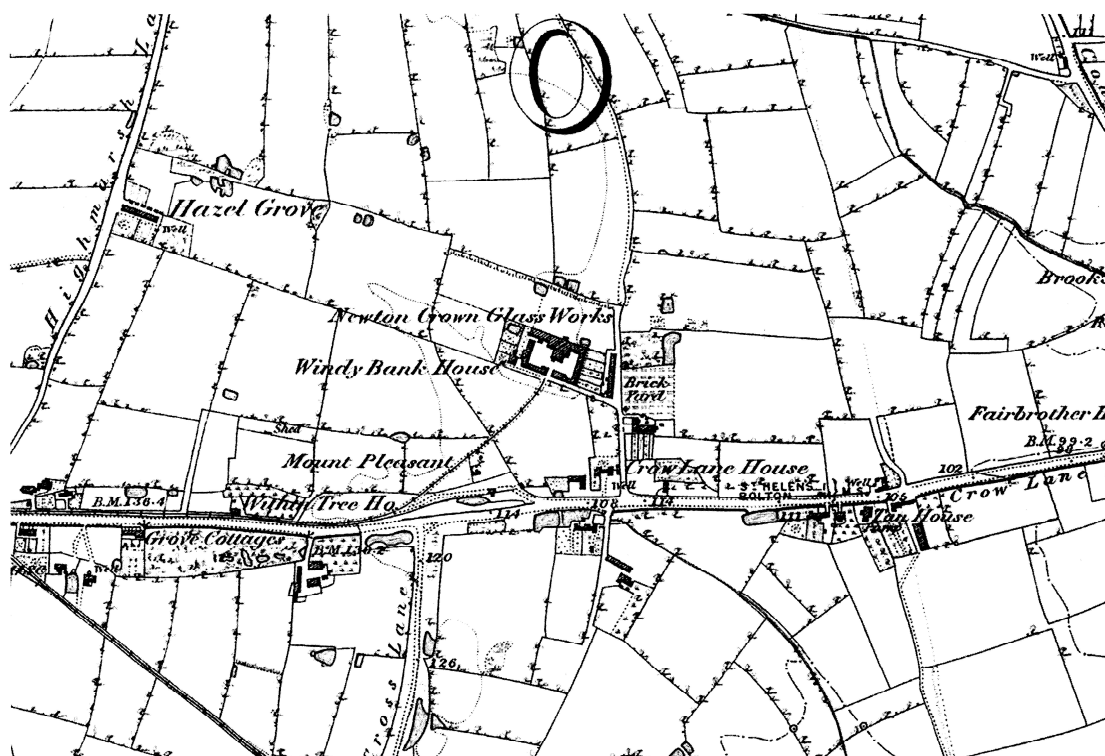


Fig. 4. Part of the 1st Edition 6 in to 1 mile OS map, Sheet 101. Surveyed 1845-6. Crow Hall is labelled Crow House.

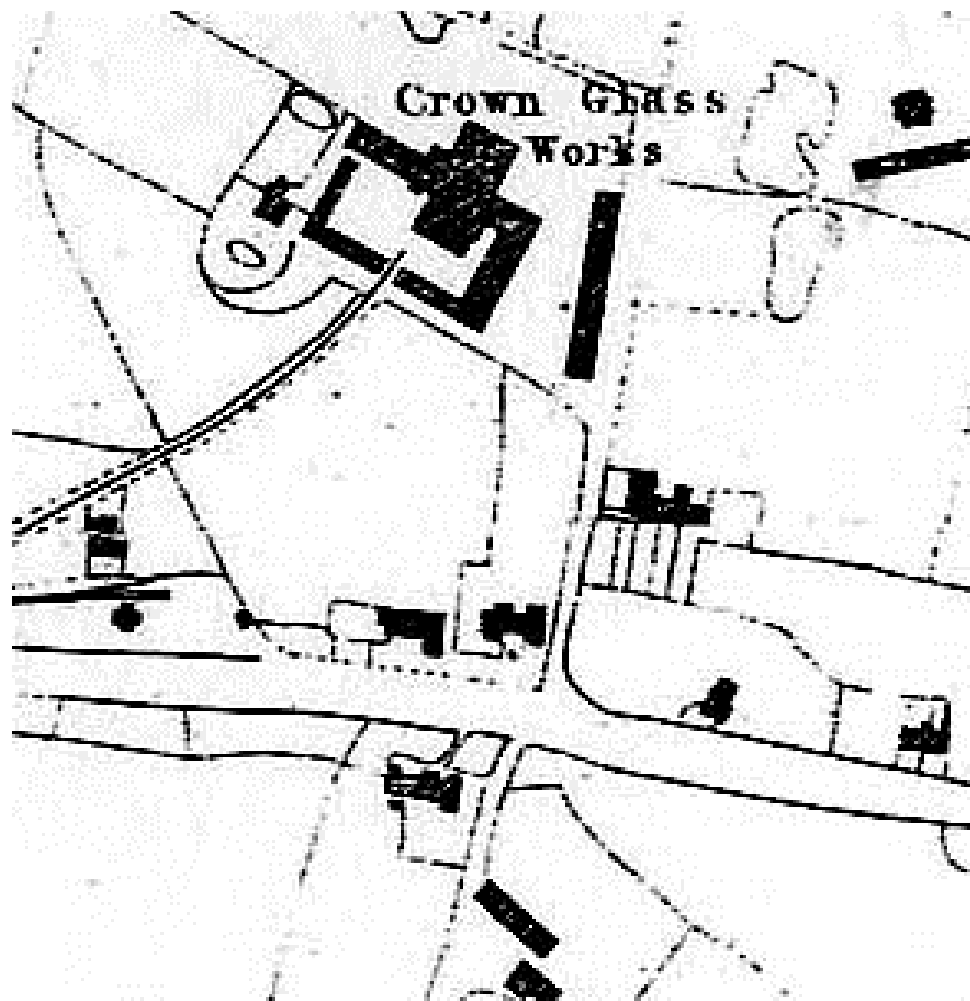


Fig. 5. Part of the Legh Estate Map of Newton-le-Willows, 1853. Crow Hall is shown to the north of Crow Lane.

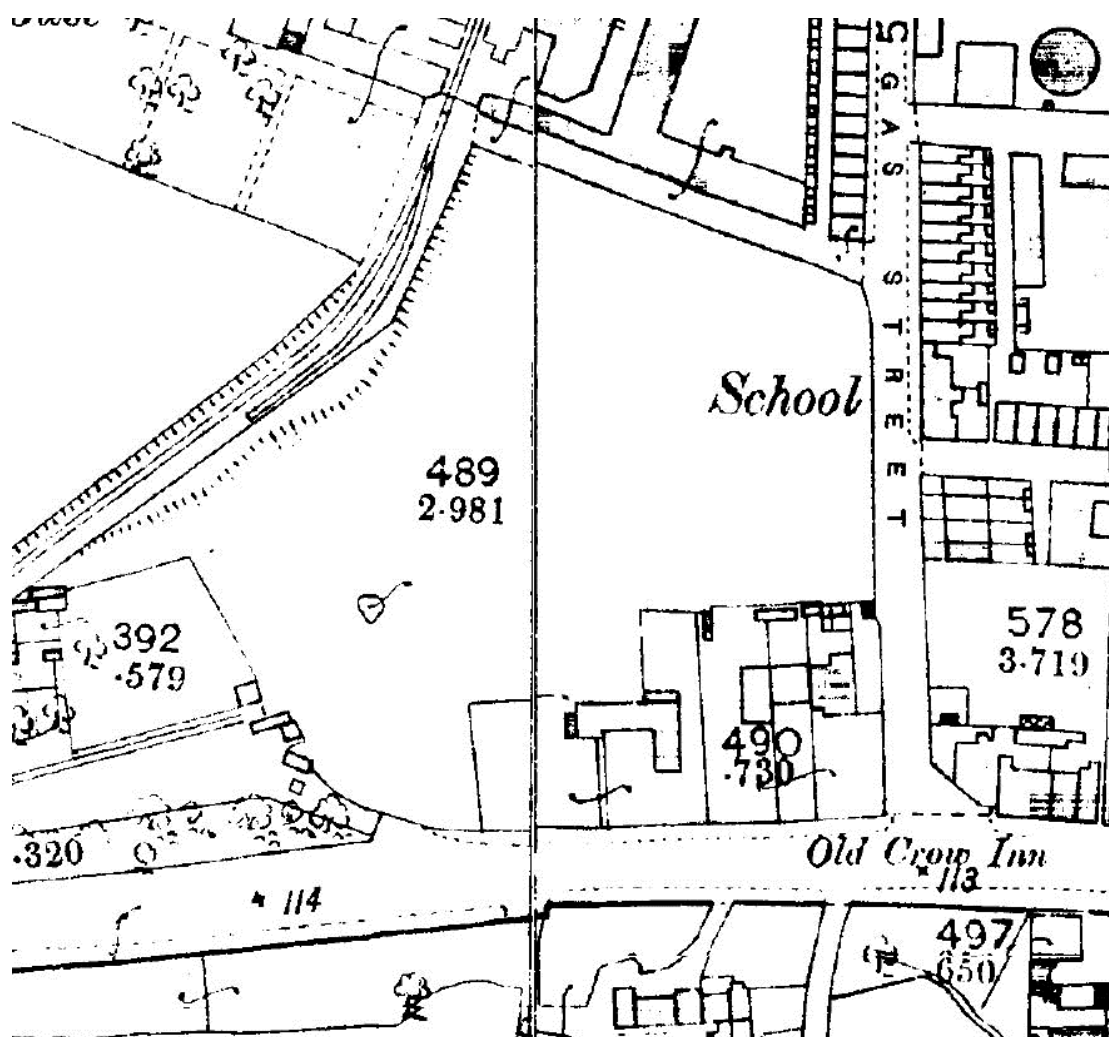
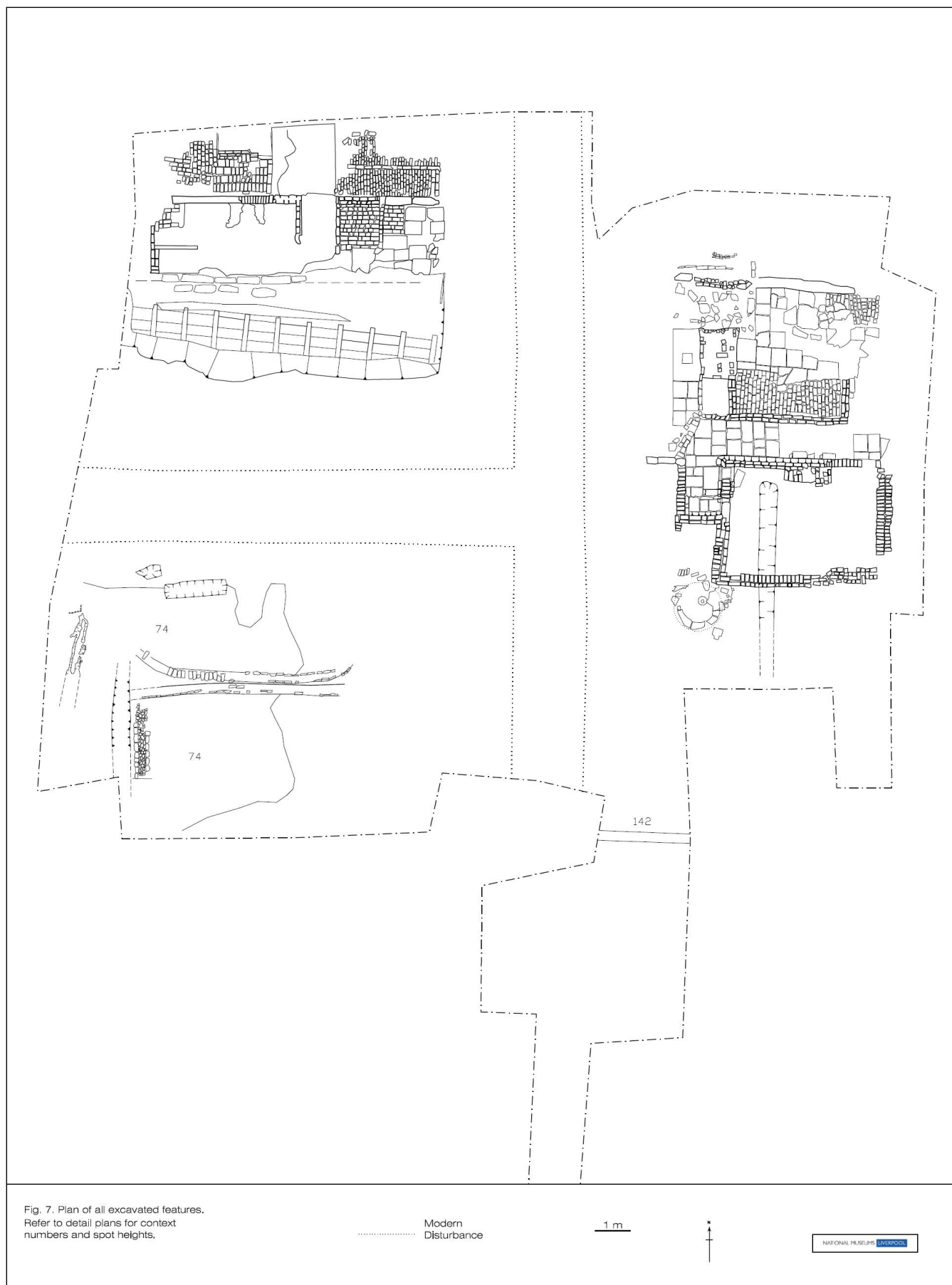
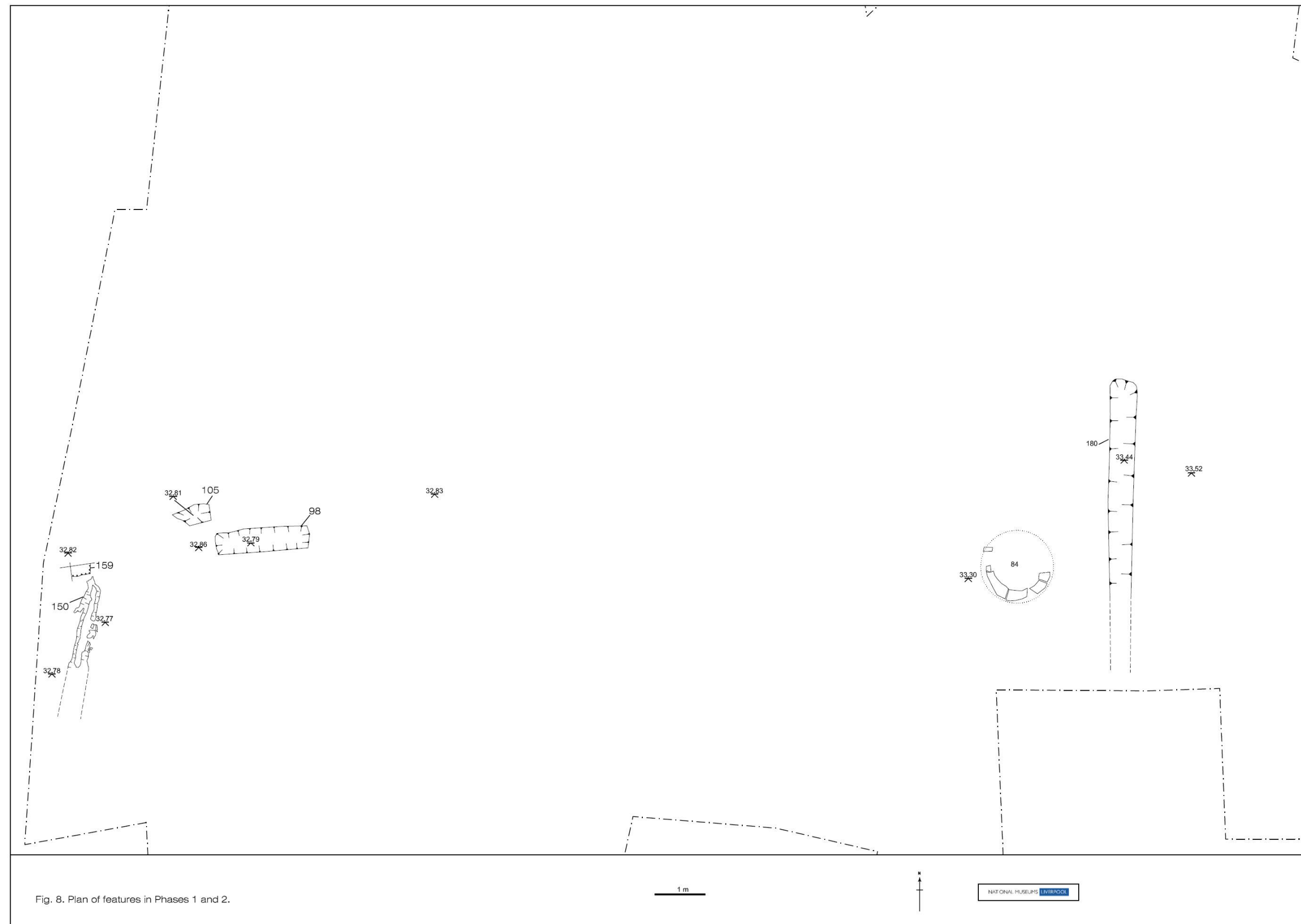


Fig. 6. Part of the 1st Edition 25 in to 1 mile Ordnance Survey map of 1891-3. This map shows Crow Hall divided into three separate properties, broadly corresponding with the east and west wing and the central range.





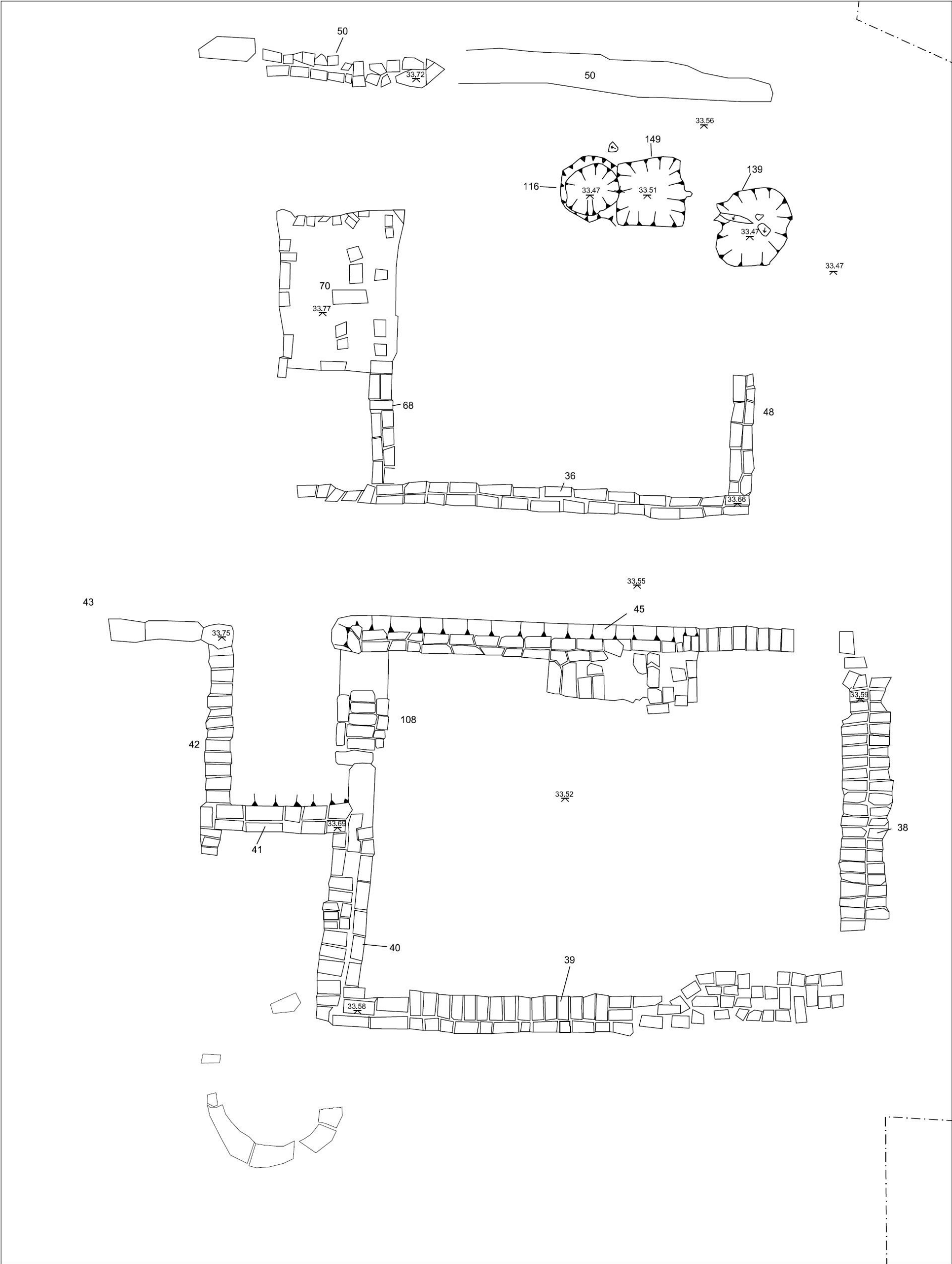
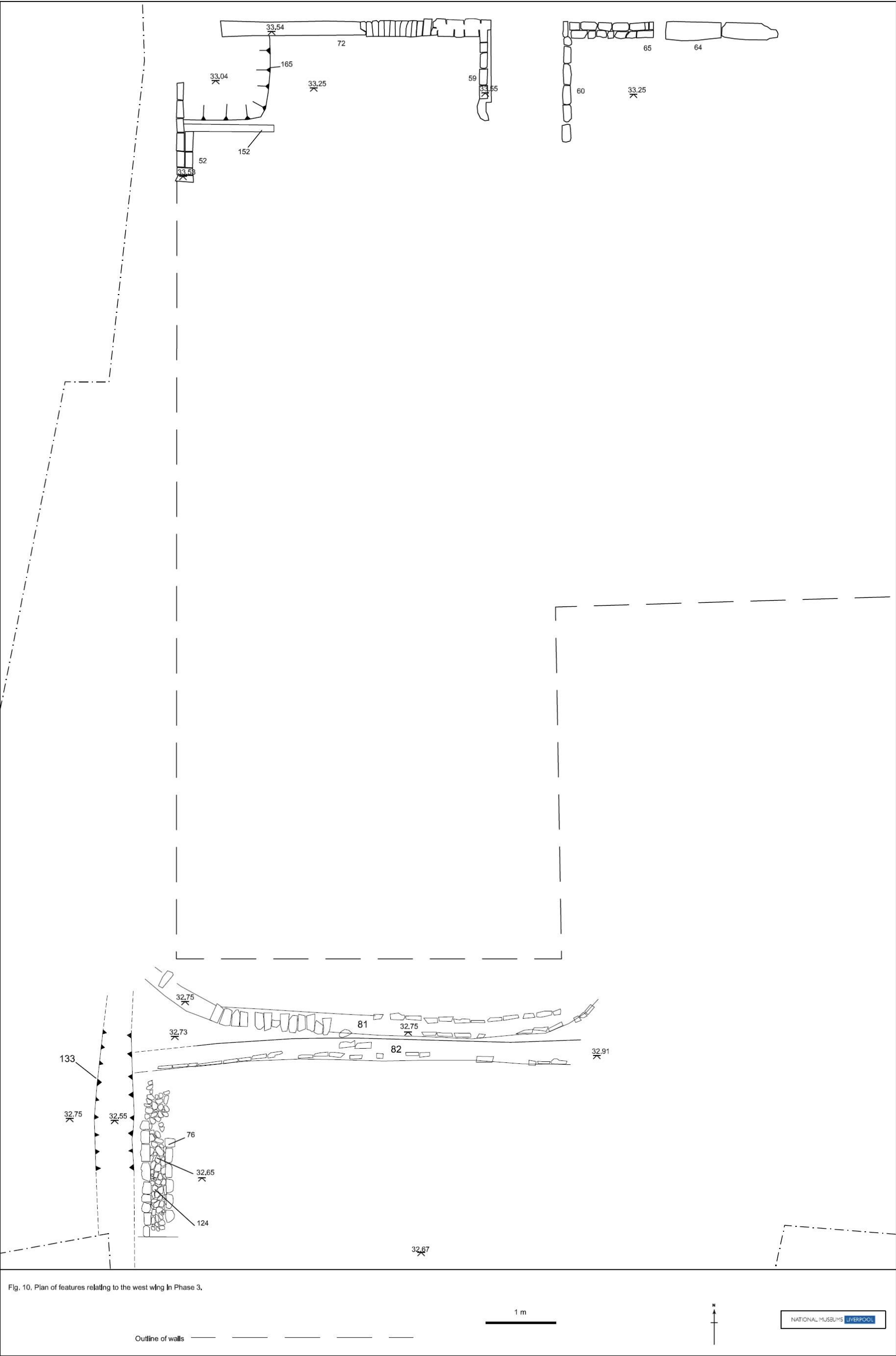
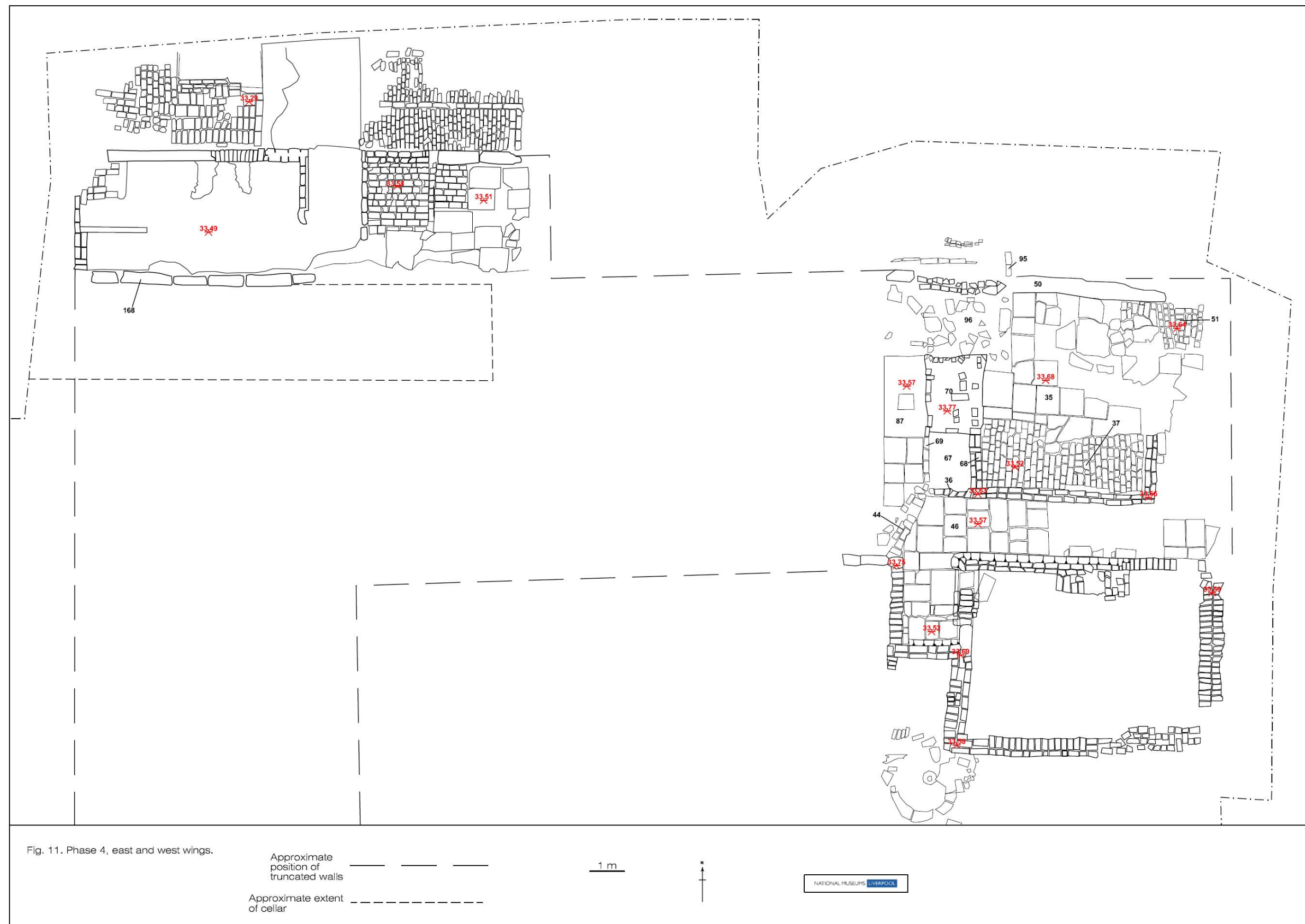


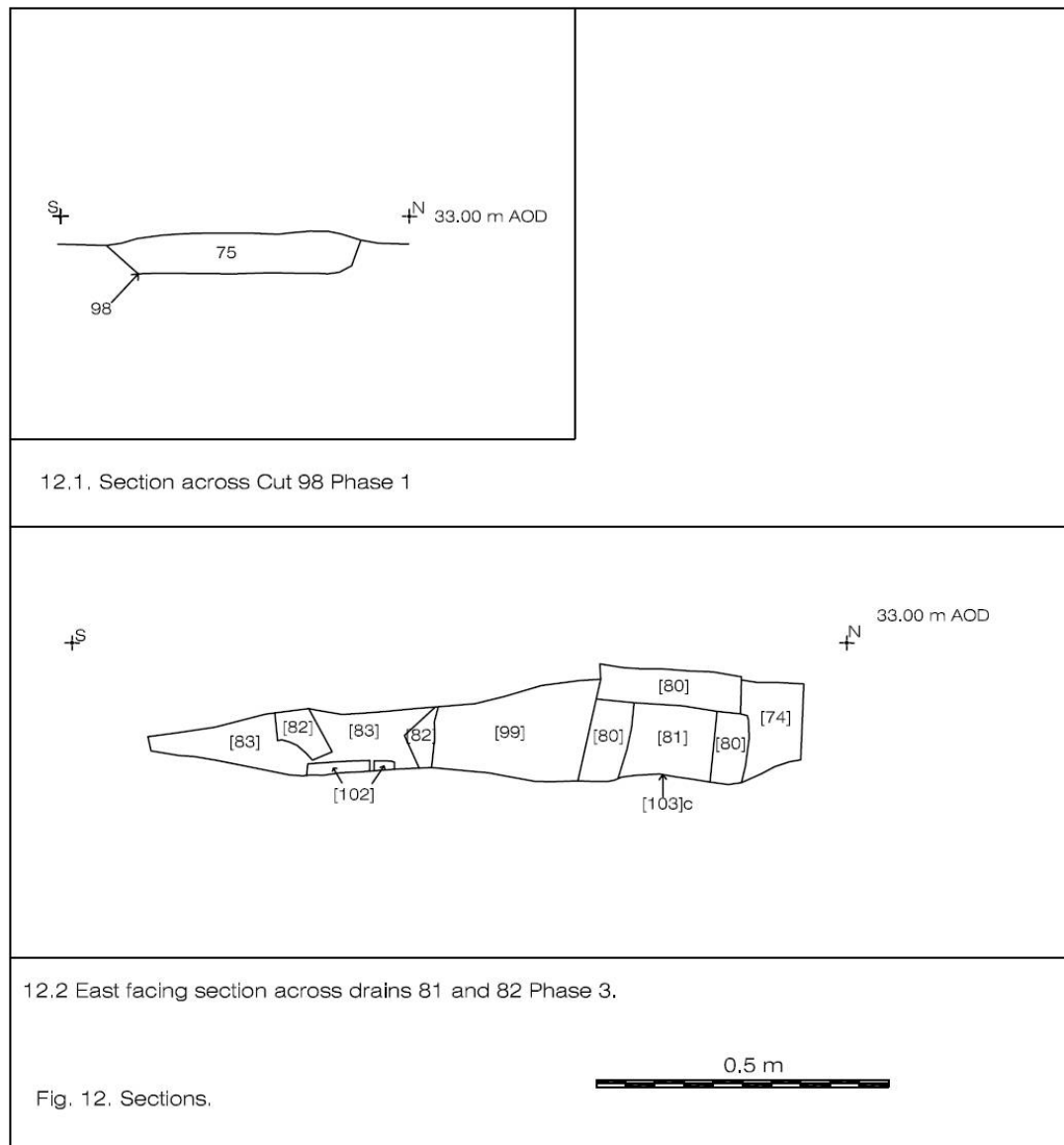
Fig. 9. Plan of the East Wing, Phase 3.

1 m









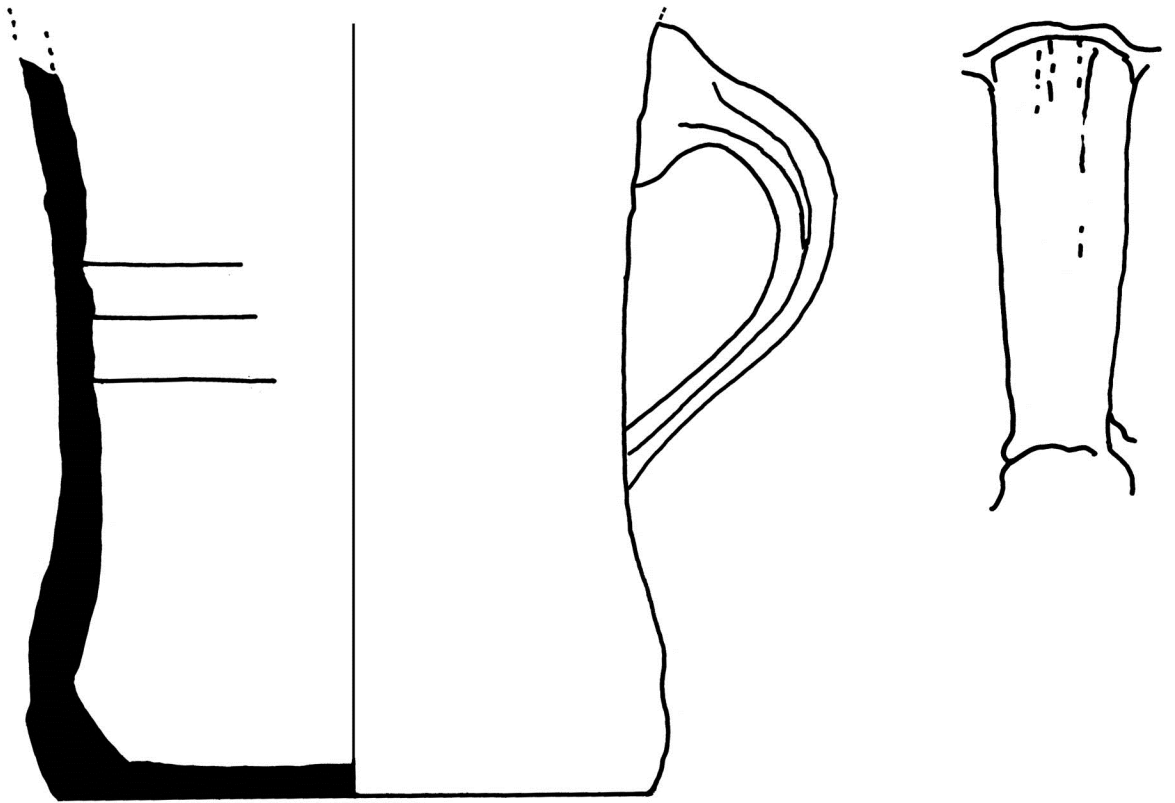


Fig. 13. SF8, context **171**. Base of a tall, upright, drinking vessel, with slightly concave sides. Scale 1:1.

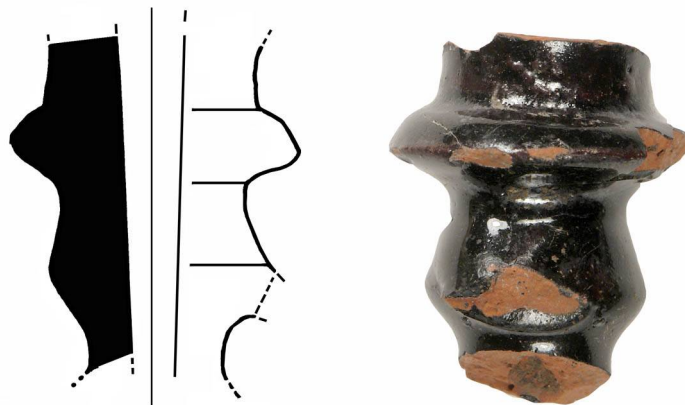


Fig. 14 SF90, context **4**. Neck of an 18th century candle holder. Scale 1:1.

9. Plates



Plate 1. Late 19th or early 20th century photograph of Crow Hall taken from the south-east by A. Frost (Tinted version courtesy Steven Dowd).



The Smith Family outside Crow Hall – date unknown

Plate 2. Late 19th or early 20th century photograph of Crow Hall showing the central range from the south (Courtesy Steven Dowd).



Plate 3. Aerial view of the excavated area looking south and showing the remaining elements of Crow Hall. The disturbed north-south aligned area in the centre of the view relates to the offices demolished in 2006.



Plate 4. South-west corner of the trench showing layer 74. This context is also visible in the top right of Plate 3.



Plate 5. Post-excavation view of cuts **98** and **105**. View looking west.



Plate 6. Cut **180** viewed from the south.



Plate 7. Garden wall 142, view looking north.



Plate 8. Plan view of the East wing with floor surfaces *in situ*. South is at the top of the frame.



Plate 9. Wooden bucket under excavation.



Plate 10. Drains 81 and 82. View looking east.



Plate 11. West facing sections through drains



Plate 12. Drains at south-west of site.



Plate 13. South facing section through pit **165** showing its relationship with wall **72**.



Plate 14. North wall **168** of cellar in west wing. View looking north.



Plate 15 SF 29, Context 153. Tobacco pipe bowls bowls, form and size suggest mid-17th century.



Plate 16. SF 31, Context 110



Plate 17. SF 43, Context 167



Plate 18. SF 201, Context 166



Plate 19. SF 202, Context 166



Plate 20. SF 216 Context 142

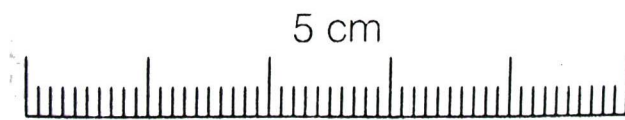


Plate 21. Plaque in the form of a swan. SF 19, context 4.

Appendix A: Archive Listings

A1. Finds Listed by Finds Number

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	1	Pottery	Stoneware	19th cent. Grey	Beer bottle	4.00	154.30		
4	2	Pottery	Mottledware		Possible teapot	4.00	40.30		
4	3	Slate			Slate 'pencil'?	2.00	4.00		
4	4	Slate			Slate 'pencil'?	1.00	2.10		
4	5	Copper Alloy	Coin		Penny	1.00	8.50		
4	6	Iron			Keyhole door plate	1.00	10.10		
166	7	Ceramic	Pipe	Stem		8.00	13.30	17th C	17th C
171	8	Pottery	Darkware	Coarseware	Drinking cup	1.00	179.00	16th C	17th C
4	9	Copper Alloy	Token		Token	1.00	6.20		
130	10	Copper Alloy	Coin		Irish halfpenny	0.00	3.20		
137	11	Pottery	Slipware			3.00	17.30		
171	12	Metal				1.00	5.90		
171	13	Pottery	Darkware			32.00	559.90		
4	14	Glass				26.00	514.90		
4	15	Pottery	Darkware			4.00	148.20		
160	16	Metal				4.00	213.90		
4	17	Ceramic	Pipe	Stem		4.00	7.40	19th	20th
128	18	Glass	Bottle Glass			2.00	169.20		
4	19	Lead				1.00	203.60		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	20	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	18.00	653.90		
160	21	Ceramic	Pipe			5.00	8.30	19th	20th
171	22	Pottery	Yellowware			10.00	74.00		
89	23	Pottery	Darkware			1.00	18.70		
153	24	Pottery	Earthenware			3.00	8.60		
4	25	Wood			Cork	2.00	6.30		
132	26	Pottery	Darkware			2.00	110.80		
4	27	Glass			Possibly lamp	34.00	138.10		
153	28	Ceramic	Pipe	Stem		16.00	31.20	17th C	17th C
153	29	Ceramic	Pipe	Bowl, Stamped		9.00	32.50	17th C	17th C
110	30	Ceramic	Pipe	Stem		2.00	2.60	19th C	20th C
110	31	Ceramic	Pipe	Bowl		1.00	6.50	17th C	17th C
4	32	Pottery	Yellowware			1.00	6.20		
4	33	Industrial waste				2.00	35.20		
U/S	34	Copper Alloy	Coin		Penny	1.00	9.00		
134	35	Pottery	Darkware			1.00	70.10		
137	36	Pottery	Slipware			2.00	46.10		
4	37	Ceramic	Pipe	Stem		1.00	1.60	19th	20th
4	38	Ceramic	Ceramic Marble			1.00	5.00		
4	39	Cork			Bottle corks	2.00	2.20		
110	40	Pottery	Earthenware			4.00	5.10		
137	41	Glass				3.00	8.60		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
160	42	Glass				8.00	53.40		
167	43	Ceramic	Pipe	Bowl		1.00	7.80	17th C	17th C
167	44	Ceramic	Pipe	Stem		1.00	2.50	17th C	17th C
4	45	Ceramic	Pipe	Stem		1.00	4.50		
4	46	Pottery	Earthenware			3.00	21.60		
132	47	Glass				2.00	13.20		
134	48	Pottery	Dipped Earthenware	Self-Coloured		5.00	33.70		
132	49	Pottery	Creamware			1.00	6.00		
137	50	Ceramic	Pipe	Stem		8.00	19.50	17th	19th
4	51	Metal			Gun cartridge	1.00	1.50		
137	52	Pottery	Earthenware			16.00	124.40		
171	53	Glass	Vessel		Wine or beer glass	1.00	2.00	17th C	early 18th
153	54	Pottery	Darkware			2.00	34.50		
137	55	Ceramic	Pipe	Stem		1.00	1.20	19th	20th
137	56	Pottery	Yellowware			1.00	3.10		
171	57	Ceramic	Pipe	Stem		2.00	4.90	17th	17th
171	58	Pottery	Stoneware	Brown		2.00	18.00		
128	59	Pottery	Darkware			1.00	12.00		
128	60	Pottery	Earthenware			1.00	17.10		
137	61	Pottery	Earthenware			5.00	8.20		
4	62	Pottery	Earthenware			27.00	176.00		
160	63	Industrial waste				1.00	63.60		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
81	64	Glass				3.00	8.90		
81	65	Pottery	Darkware			8.00	73.40		
4	66	Glass				15.00	173.80		
4	67	Pottery	Earthenware			4.00	74.90		
167	68	Ceramic	Pipe	Stem		1.00	4.00	19th	20th
100	69	Glass				9.00	161.70		
167	70	Pottery	Earthenware			9.00	40.90		
167	71	Pottery	Yellowware			1.00	20.00		
100	72	Pottery	Darkware			1.00	3.50		
100	73	Metal				2.00	20.50		
100	74	Ceramic	Pipe	Stem		4.00	13.90	19th	20th
4	75	Ceramic	Pipe	Stem		4.00	7.90	19th	20th
137	76	Metal				1.00	30.00		
167	77	Industrial waste	Glass			4.00	32.90		
4	78	Glass				43.00	603.20		
160	79	Pottery	Earthenware			53.00	320.00		
167	80	Glass				28.00	79.20		
83	81	Pottery	Darkware			2.00	7.70		
83	82	Pottery	Stoneware			1.00	1.40		
160	83	Pottery	Slipware	Self-coloured		26.00	339.20		
4	84	Copper Alloy	Coin		Penny	1.00	10.30		
166	85	Pottery	Darkware			1.00	67.00		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
137	86	Ceramic	Drain Pipe	Unglazed		1.00	42.00		
4	87	Ceramic	Pipe	Stem		1.00	1.80	19th	20th
47	88	Copper Alloy	Coin		Penny	1.00	9.20		
160	89	Pottery	Darkware			52.00	1838.00		
4	90	Pottery	Darkware		Possible candlestick holder	2.00	50.00		
4	91	Ceramic	Pipe	Stem		16.00	33.30	19th	20th
131	92	Glass				12.00	47.70		
U/S	93	Pottery	Darkware			3.00	71.70		
4	94	Copper Alloy			Button	1.00	1.30		
U/S	95	Pottery	Yellowware			1.00	17.50		
114	96	Pottery	Earthenware			12.00	36.40		
4	97	Industrial waste				1.00	338.50		
4	98	Pottery	Darkware			1.00	207.30		
111	99	Glass				11.00	82.70		
U/S	100	Pottery	Slipware			3.00	27.30		
4	101	Glass				7.00	151.40		
131	102	Ceramic	Pipe	Stem		2.00	3.60	19th	20th
22	103	Glass				5.00	169.00		
137	104	Pottery	Darkware			14.00	848.10		
131	105	Pottery	Darkware			3.00	4.40		
114	106	Ceramic	Pipe			2.00	3.90	18th	19th
131	107	Pottery	Slipware	Self-coloured		1.00	5.70		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
111	108	Ceramic	Pipe	Stem		1.00	1.10	19th	20th
107	109	Pottery	Darkware			12.00	151.20		
74	110	Pottery	Slipware	Self-coloured		4.00	15.00		
74	111	Pottery	Darkware			5.00	121.20		
107	112	Glass				2.00	4.40		
131	113	Pottery	Earthenware			4.00	9.20		
74	114	Pottery	Earthenware			1.00	1.30		
4	115	RUB			Bottle stopper	2.00	34.90		
142	116	Glass				2.00	11.60		
111	117	Pottery	Darkware			1.00	11.80		
137	118	Pottery	Slipware	Self-coloured		11.00	70.10		
111	119	Pottery	Earthenware			1.00	2.20		
107	120	Pottery	Yellowware			3.00	7.80		
460	121	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	6.00	377.90		
4	122	Metal				15.00	755.00		
4	123	Metal				7.00	350.80		
4	124	Metal				12.00	1008.00		
460	125	Metal			Door hinge?	1.00	81.60		
67	126	Glass	Bottle Glass		Milk Bottle	2.00	1100.00		
4	127	Pottery	Darkware			1.00	4.50		
4	128	Pottery	Slipware	Self-coloured		1.00	1.30		
4	129	Pottery	Stoneware			3.00	67.80		
4	130	PLC			Button	1.00	1.20		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
88	131	Pottery	Stoneware			1.00	16.30		
130	132	Ceramic	Pipe	Stem		2.00	4.50	17th	17th
130	133	Ceramic	Ceramic Marble			1.00	3.80		
22	134	Pottery	Earthenware			3.00	5.10		
81	135	Ceramic	Pipe	Stem		2.00	5.30	19th	20th
81	136	Pottery	Darkware			6.00	26.50		
128	137	Copper Alloy				5.00	11.10		
101	138	Pottery	Stoneware	19th Cent. Grey		1.00	13.90		
101	139	Pottery	Yellowware			1.00	1.00		
171	140	Glass	Bottle Glass			1.00	3.60		
4	141	Copper Alloy	Personal Ornament		Earring?	1.00	0.30		
4	142	Bone	Animal			1.00	14.80		
111	143	Slate			Slate 'pencil'?	1.00	2.60		
22	144	Ceramic	Pipe	Stem		3.00	7.40	19th	20th
83	145	Pottery	Tin Glazed Earthenware	Polychrome Decorated		1.00	1.70		
128	146	Glass	Bottle Glass			1.00	3.50		
47	147	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	2.00	20.50		
47	148	Pottery	Earthenware			1.00	11.30		
U/S	149	Glass	Bottle Glass			1.00	22.30		
99	150	Pottery	Darkware			7.00	41.80		
4	151	Ceramic	Pipe	Stem		1.00	2.00	19th	20th
88	152	PLC			Electrical component?	1.00	8.50		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
81	153	Glass				3.00	5.10		
4	154	Ceramic	Pipe	Stem		9.00	25.90	19th	20th
4	155	Ceramic	Pipe	Glazed mouthpiece		1.00	1.80	19th	20th
130	156	Glass				3.00	27.20		
47	157	Glass	Bottle Glass		Small jar	1.00	113.60		
47	158	Glass				2.00	14.00		
161	159	Ceramic	Pipe	Stem		1.00	2.90	19th	20th
161	160	Ceramic	Ceramic Marble			1.00	7.20		
74	161	Ceramic	Pipe	Stem		3.00	5.10	19th	20th
127	162	Pottery	Earthenware			2.00	8.10		
127	163	Glass				13.00	32.00		
4	164	Glass				17.00	694.90		
4	165	Glass	Industrial waste		Nugget	1.00	377.60		
134	166	Pottery	Stoneware	Brown		1.00	8.00		
143	167	Glass				1.00	0.60		
4	168	Slate			Slate writing tablet?	1.00	161.20		
4	169	Glass				3.00	16.40		
137	170	Ceramic	Pipe	Spur		1.00	1.70	19th	20th
137	171	Ceramic	Pipe	Bowl		1.00	11.20	18th	19th
85	172	Metal				1.00	38.90		
83	173	Pottery	Slip coated ware	Red slipped		1.00	1.30		
83	174	Pottery	Tin Glazed Earthenware	Polychrome Decorated		1.00	4.70		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
132	175	Ceramic	Pipe	Stem		1.00	2.90	19th	20th
132	176	Pottery	Earthenware			2.00	7.00		
101	177	Glass	Ceramic Marble			1.00	7.60		
4	178	Pottery	Earthenware			3.00	25.90		
88	179	Ceramic	Drain Pipe	Unglazed		2.00	221.50		
142	180	Pottery	Darkware			5.00	114.90		
137	181	Pottery	Darkware			5.00	160.70		
99	182	Glass				1.00	1.30		
142	183	Pottery	Slipware			3.00	11.20		
109	184	Ceramic	Pipe	Bowl		1.00	6.20	18th	19th
83	185	Pottery	Darkware			1.00	11.10		
132	186	Pottery	Darkware			1.00	78.80		
460	187	ALB?				5.00	39.50		
47	188	Metal				3.00	165.00		
166	189	Pottery	Darkware			9.00	444.90		
142	190	Pottery	Darkware			1.00	9.40		
U/S	191	Pottery	Darkware			1.00	89.90		
39	192	Pottery	Mottledware	Mottledware		1.00	1.90		
39	193	Glass				1.00	0.40		
85	194	Pottery	Earthenware			3.00	18.70		
166	195	SHL	MUS			4.00	4.10		
99	196	Ceramic	Pipe	Stem		1.00	3.10	19th	20th
107	197	Ceramic	Pipe	Stem		3.00	3.60	17th	17th

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
166	198	Glass				1.00	3.00		
171	199	Pottery	Creamware			2.00	3.80		
166	200	Ceramic	Pipe	Stem		14.00	59.30	17th	19th
166	201	Ceramic	Pipe	Bowl, Stamped		1.00	10.60	17th C	17th C
166	202	Ceramic	Pipe	Bowl, Stamped		1.00	10.40	17th C	17th C
166	203	Ceramic	Pipe	Spur		1.00	7.10	18th	20th
171	204	Pottery	Earthenware	Tin Glazed		6.00	11.20		
162	205	Pottery	Darkware			1.00	19.30	17th C	18th C
171	206	Pottery	Slipware			7.00	53.80		
460	207	Glass	Bottle Glass			5.00	236.80		
134	208	Pottery	Darkware	Fineware		1.00	28.60	17th C	18th C
77	209	Pottery	Mottledware	Slipped		1.00	2.40	17th C	18th C
88	210	Metal				4.00	76.80		
47	211	MOR				1.00	9.60		
4	212	Pottery	Darkware			1.00	45.60		
460	213	Bone	Animal			1.00	13.70		
460	214	Pottery	Stoneware	19th Cent. Grey		1.00	13.70		
142	215	Ceramic	Pipe	Bowl		1.00	6.90	18th	19th
142	216	Ceramic	Pipe	Bowl, Stamped		1.00	9.20	17th C	17th C
U/S	217	Copper Alloy				1.00	28.00		
47	218	Ceramic	Pipe	Stem		2.00	2.50		
4	219	Lead	Sheet			2.00	446.90	19th	20th
4	220	Ceramic	Floor tile			1.00	248.00		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
88	221	Glass	Bottle Glass			2.00	145.30		
22	222	Pottery	Mottledware	Mottledware		2.00	22.80		
22	223	Pottery	Slip coated ware	Red slipped		1.00	48.40		
81	224	Pottery	Yellowware	Fine		2.00	33.10	17th C	17th C
128	225	Ceramic	Ceramic Marble			1.00	4.80		
4	226	Wood			Bottle stopper	2.00	16.60		
137	227	Pottery	Stoneware			3.00	61.20		
166	228	Copper Alloy			Button	2.00	2.50		
137	229	Pottery	Earthenware			7.00	22.20		
107	230	COL				1.00	29.00		
4	231	Pottery	Darkware			2.00	97.70		
22	232	Pottery	Darkware			4.00	34.10		
110	233	Pottery	Darkware			1.00	2.30		
22	234	Metal			Nail and washer?	2.00	40.00		
4	235	Metal				12.00	464.00		
4	236	Glass	Bottle Glass			6.00	429.90		
167	237	Pottery	Stoneware			1.00	5.00		
167	238	Pottery	Self-coloured			2.00	11.10		
4	239	Glass				6.00	155.20		
117	240	PLC				2.00	1.20		
4	241	Ceramic	Fired clay			1.00	76.50		
45	242	Glass				1.00	3.80		
129	243	Ceramic	Pipe	Stem		1.00	5.40	19th	20th

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
130	244	Metal				1.00	153.80		
166	245	Pottery	Stoneware	19th Cent. Grey		1.00	121.50		
U/S	246	Ceramic	Pipe	Stem		1.00	1.90	19th	20th
101	247	Metal				2.00	84.20		
101	248	Pottery	Earthenware			5.00	12.60		
129	249	Pottery	Earthenware			1.00	6.70		
166	250	Pottery	Earthenware			15.00	187.70		
130	251	Glass				1.00	1.10		
130	252	Ceramic	Pipe	Stem		1.00	3.40	19th	20th
101	253	Ceramic	Pipe	Mouthpiece		1.00	2.90	19th	20th
101	254	Ceramic	Pipe	Stem		1.00	2.90	19th	20th
4	255	Metal				1.00	47.00		
460	256	Pottery	Earthenware			1.00	24.70		
171	257	Glass				1.00	2.50		
74	258	Pottery	Slip coated ware	Red slipped		5.00	21.80		
160	259	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	1.00	21.00		
134	260	Pottery	Creamware			1.00	21.00		
4	261	Pottery	Earthenware			13.00	82.30		
4	262	Pottery	CHA			1.00	12.20		
4	263	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	1.00	5.10		
4	264	Pottery	Dipped Earthenware	BLU		2.00	17.40		
4	265	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	2.00	41.40		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	266	Pottery	Earthenware			1.00	14.80		
4	267	Industrial waste				1.00	261.80		
4	268	Bone	Animal			1.00	33.60		
134	269	Pottery	Earthenware			13.00	44.60		
4	270	Pottery	Darkware			1.00	11.90		
4	271	Pottery	UNG			1.00	53.70		
4	272	Pottery	Stoneware			2.00	35.20		
4	273	Industrial waste				1.00	160.80		
4	274	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	1.00	21.10		
4	275	Pottery	Mottledware	Mottledware		1.00	8.30		
160	276	Pottery	Stoneware			2.00	10.70		
167	277	Pottery	Creamware			1.00	32.50		
100	278	Copper Alloy			Button	2.00	2.30		
4	279	Bone	Animal			6.00	50.20		
85	280	Glass	Bottle Glass			3.00	159.60		
4	281	MOR				2.00	32.50		
4	282	Wood			Knife handle	1.00	40.90		
101	283	Pottery	Darkware			2.00	33.60		
4	284	Pottery	Mottledware	Mottledware	Part of teapot spout	1.00	6.00		
160	285	Pottery	Slipware	Self-coloured		1.00	1.30		
171	286	Pottery	Slipware			1.00	5.20		
130	287	Pottery	Darkware			1.00	30.60		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
130	288	Pottery	Creamware			1.00	0.80		
107	289	Pottery	Stoneware	Brown		1.00	3.80		
166	290	Pottery	Stoneware	Brown		1.00	1.00		
4	291	Industrial waste				1.00	1000.50		
4	292	Metal				14.00	2000.00		
4	293	Metal				2.00	121.00		
4	294	Metal				3.00	1500.00		
4	295	Metal				3.00	1137.30		
4	296	Metal				3.00	782.80		
4	297	Copper Alloy			Candlestick holder?	2.00	126.00		
4	298	Metal				10.00	1000.50		
4	299	Metal	Tool		Cutter tool	1.00	34.30		
4	300	Copper Alloy				1.00	3.00		
4	301	Metal				10.00	343.20		
4	302	Metal				4.00	1500.00		
4	303	Copper Alloy			Part of lamp	1.00	12.30		
4	304	Wood	Tool		Tool handle	1.00	26.30		
4	305	Metal				5.00	370.30		
4	306	SST			Flag	2.00	1904.60		
4	307	Ceramic	Brick		Handmade brick	2.00	5000.00		
4	308	BUI			Flag	1.00	900.00		
4	309	Pottery	Darkware			4.00	106.30		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	310	Glass	Ceramic Marble			1.00	8.00		
153	311	Glass			Window pane	10.00	93.20		
4	312	Lead			Window piping	3.00	10.60		
70	313	Iron			Hearth plate	1.00	40000.00		
47	314	Copper Alloy	Coin		Penny	1.00	9.30		
67	315	Pottery	Stoneware		Marmalade jar	7.00	145.70		
67	316	Pottery	Stoneware		Marmalade jar	23.00	515.00		
67	317	Pottery	Stoneware		Marmalade jar	4.00	62.20		
4	318	Pottery	Mottledware	Mottledware		1.00	4.20		
4	319	Glass	Bottle Glass			2.00	28.20		
4	320	Pottery	Earthenware			0.00	155.40		
4	321	Pottery	Stoneware			2.00	102.60		
4	322	Pottery	Darkware			3.00	137.00		
109	323	Pottery	Earthenware			1.00	14.50		
4	324	Pottery	Darkware			20.00	730.40		
4	325	Pottery	CHA			1.00	102.20		
4	326	Glass	Bottle Glass		Inkwell	3.00	111.90		
4	327	Ceramic	Tile	GLZ		1.00	21.20		
4	328	Pottery	CHA			3.00	19.80		
4	329	Ceramic	Pipe	Stem		2.00	5.80	19th	20th
4	330	Pottery	Stoneware		Marmalade jar	15.00	487.30		
4	331	Pottery	Darkware	TPE		2.00	26.00	18th	19th
85	332	Pottery	Darkware		Part of teapot spout	4.00	97.00		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
128	333	Copper Alloy			Screw	1.00	6.70		
4	334	Pottery	Stoneware		Marmalade jar	8.00	188.30		
4	335	Pottery	Yellowware			1.00	39.10		
4	336	Pottery	Mottledware	LAT		1.00	15.20		
4	337	Pottery	Stoneware	Brown		1.00	6.20		
4	338	Steel	Tool		Spanner	1.00	92.70		
128	339	Slate			Slate 'pencil'?	1.00	2.50		
4	340	Pottery	Darkware			4.00	115.50		
4	341	Pottery	Stoneware			8.00	317.50		
U/S	342	Glass	Ceramic Marble			1.00	7.60		
U/S	343	Glass				5.00	146.30		
85	344	Pottery	Earthenware			2.00	37.80		
U/S	345	Pottery	Stoneware		Marmalade jar	2.00	37.40		
4	346	Glass			Vase?	2.00	41.60		
4	347	Pottery	Stoneware			2.00	374.10		
153	348	Ceramic	Pipe	Stem		6.00	19.20	19th	20th
4	349	Pottery	Stoneware	Brown		2.00	64.20		
U/S	350	Pottery	Darkware	TPE		1.00	39.40		
153	351	Pottery	Darkware			25.00	791.60		
U/S	352	Glass	Industrial waste		Nugget	1.00	178.50		
153	353	Pottery	Yellowware			3.00	9.40		
4	354	Pottery	Slipware	Self-coloured		2.00	10.20		
4	355	Pottery	Earthenware			4.00	67.70		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
22	356	Wood			Basket handle?	1.00	17.00		
4	357	Pottery	UNG			2.00	48.80		
4	358	Glass	Ceramic Marble			1.00	1.90		
U/S	359	Ceramic	Pipe	Stem		2.00	6.70	19th	20th
U/S	360	Ceramic	Pipe	Moulded bowl		1.00	4.40	19th	20th
4	361	Pottery	CHA		Egg cup	2.00	24.80		
U/S	362	Glass	Bottle Glass			1.00	32.10		
U/S	363	Pottery	Darkware			3.00	31.20		
109	364	Ceramic	Pipe	Stem		21.00	48.00	19th	20th
109	365	Ceramic	Pipe	Glazed mouthpiece		1.00	0.50	19th	20th
109	366	Ceramic	Pipe	Moulded bowl		7.00	11.00	L18th	19th
109	367	Ceramic	Pipe	Spur		2.00	3.70	L18th	19th
4	368	Pottery	CHA			2.00	195.80		
U/S	369	Glass	Industrial waste		Nugget	8.00	462.30		
109	370	Glass			Lid?	2.00	14.10		
4	371	Glass	Industrial waste		Nugget	1.00	42.80		
153	372	Glass				7.00	20.80		
4	373	Pottery	Stoneware		Marmalade jar	1.00	13.70		
4	374	Ceramic	Pipe	Stem		5.00	14.30	19th	20th
4	375	Ceramic	Pipe	Spur		1.00	2.20	19th	20th
67	376	Glass	Ceramic Marble			1.00	9.00		
67	377	Copper Alloy				1.00	0.90		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	378	Pottery	CHA			3.00	94.70		
4	379	Metal			Bowl, Chain and Nail	3.00	129.80		
128	380	Pottery	Stoneware		Marmalade jar	8.00	361.30		
85	381	Glass				13.00	377.40		
67	382	Glass	Bottle Glass			5.00	152.30		
67	383	Glass	Bottle Glass		Beer bottle	2.00	294.40		
67	384	Glass				2.00	32.30		
109	385	Ceramic	Pipe	RBM		1.00	5.10	19th	20th
U/S	386	Ceramic	Brick	GLZ		1.00	326.00		
4	387	Glass	Bottle Glass			3.00	146.60		
4	388	Pottery	Earthenware			21.00	416.70		
4	389	Glass				40.00	1137.40		
4	390	STO				1.00	56.60		
4	391	Glass				3.00	42.30		
4	392	Pottery	Stoneware		Marmalade jar	15.00	263.00		
4	393	Pottery	Earthenware			26.00	315.20		
4	394	Pottery	Earthenware			2.00	16.70		
4	395	Glass				1.00	14.30		
4	396	Pottery	Earthenware			5.00	49.30		
4	397	Pottery	Earthenware		Moon and cow with children playing-nursery rhymes	1.00	13.00		
4	398	Pottery	Stoneware			3.00	140.20		
4	399	Pottery	Yellowware			1.00	29.30	17th	18th

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	400	Pottery	BST			2.00	12.50		
4	401	Glass	Bottle Glass			1.00	446.00		
4	402	Pottery	Earthenware			5.00	63.50		
4	403	Pottery	Stoneware			1.00	15.50		
4	404	Pottery	Earthenware	Self-coloured		1.00	19.10	19th	20th
4	405	Pottery	Slipware	Self-coloured		1.00	34.20		
4	406	Ceramic	Pipe	Stem		16.00	37.10	19th	20th
4	407	Ceramic	Pipe	Mouthpiece		2.00	2.80	19th	20th
4	408	Glass	Bottle Glass			1.00	73.80		
4	409	Pottery	Earthenware			26.00	244.90		
4	410	Pottery	Earthenware			5.00	58.20		
4	411	Ceramic	Ceramic Marble			2.00	9.80		
4	412	Glass	Ceramic Marble			1.00	5.50		
4	413	SHL				3.00	4.20		
4	414	PLC	Personal Ornament	BED	Bead	1.00	1.50		
4	415	Pottery	Mottledware	Mottledware	Part of teapot spout	1.00	15.80		
4	416	Pottery	Slip coated ware	Red slipped		1.00	20.80		
4	417	Pottery	CHA			2.00	68.60		
4	418	Pottery	UNG			1.00	8.60		
4	419	Ceramic	BTS		Bottle stopper	1.00	19.10		
4	420	Ceramic	ELI		Electrical Insulator	1.00	84.30		
4	421	Pottery	Earthenware			20.00	335.20		
4	422	Pottery	Stoneware	Brown		5.00	170.10		

Context	Finds Number	Material	Type	Class	Form	Total	Weight	DATE_earliest	DATE_latest
4	423	Pottery	Stoneware			2.00	245.00		
4	424	Glass				4.00	39.60		
4	425	Pottery	CHA			4.00	20.40		
4	426	Pottery	UNG			8.00	509.10		
4	427	Bone	Animal			4.00	26.50		
4	428	Pottery	Mottledware	Mottledware		2.00	13.00		
4	429	Pottery	Earthenware			2.00	26.10		
4	430	Pottery	Stoneware		Marmalade jar	7.00	237.40		
4	431	Pottery	Stoneware			2.00	315.80		
4	432	Pottery	Stoneware		Marmalade jar	12.00	450.40		
4	433	Pottery	Darkware			15.00	1118.50		
4	434	Glass	Bottle Glass			36.00	1075.00		
4	435	Glass				7.00	161.70		
4	436	Glass	Bottle Glass		Bottle stopper	1.00	12.60		
4	437	Pottery	Darkware			14.00	1737.00		
171	438	Pottery	Darkware	Fineware		1.00	4.70	17th C	18th C
171	439	Pottery	Darkware	DCL		3.00	33.20	17th C	18th C
171	440	Pottery	Darkware	Fineware		1.00	29.90	17th C	18th C

A2. Finds Listed by Context

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
100	74	Ceramic	Pipe	Stem		4.00	13.90	19th	20th
100	73	Metal				2.00	20.50		
100	69	Glass				9.00	161.70		
100	72	Pottery	Darkware			1.00	3.50		
100	278	Copper Alloy			Button	2.00	2.30		
101	254	Ceramic	Pipe	Stem		1.00	2.90	19th	20th
101	283	Pottery	Darkware			2.00	33.60		
101	248	Pottery	Earthenware			5.00	12.60		
101	247	Metal				2.00	84.20		
101	139	Pottery	Yellowware			1.00	1.00		
101	177	Glass	Ceramic Marble			1.00	7.60		
101	253	Ceramic	Pipe	Mouthpiece		1.00	2.90	19th	20th
101	138	Pottery	Stoneware	19th Cent. Grey		1.00	13.90		
107	289	Pottery	Stoneware	Brown		1.00	3.80		
107	109	Pottery	Darkware			12.00	151.20		
107	112	Glass				2.00	4.40		
107	230	COL				1.00	29.00		
107	120	Pottery	Yellowware			3.00	7.80		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
107	197	Ceramic	Pipe	Stem		3.00	3.60	17th	17th
109	370	Glass			Lid?	2.00	14.10		
109	385	Ceramic	Pipe	Red moulded bowl		1.00	5.10	19th	20th
109	367	Ceramic	Pipe	Spur		2.00	3.70	L18th	19th
109	366	Ceramic	Pipe	Moulded bowl		7.00	11.00	L18th	19th
109	323	Pottery	Earthenware			1.00	14.50		
109	184	Ceramic	Pipe	Bowl		1.00	6.20	18th	19th
109	364	Ceramic	Pipe	Stem		21.00	48.00	19th	20th
109	365	Ceramic	Pipe	Glazed mouthpiece		1.00	0.50	19th	20th
110	233	Pottery	Darkware			1.00	2.30		
110	40	Pottery	Earthenware			4.00	5.10		
110	30	Ceramic	Pipe	Stem		2.00	2.60	19th C	20th C
110	31	Ceramic	Pipe	Bowl		1.00	6.50	17th C	17th C
111	108	Ceramic	Pipe	Stem		1.00	1.10	19th	20th
111	119	Pottery	Earthenware			1.00	2.20		
111	117	Pottery	Darkware			1.00	11.80		
111	143	Slate			Slate 'pencil'?	1.00	2.60		
111	99	Glass				11.00	82.70		
114	106	Ceramic	Pipe			2.00	3.90	18th	19th
114	96	Pottery	Earthenware			12.00	36.40		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
117	240	PLC				2.00	1.20		
127	162	Pottery	Earthenware			2.00	8.10		
127	163	Glass				13.00	32.00		
128	339	Slate			Slate 'pencil'?	1.00	2.50		
128	333	Copper Alloy			Screw	1.00	6.70		
128	380	Pottery	Stoneware		Marmalade jar	8.00	361.30		
128	225	Ceramic	Ceramic Marble			1.00	4.80		
128	59	Pottery	Darkware			1.00	12.00		
128	146	Glass	Bottle Glass			1.00	3.50		
128	137	Copper Alloy				5.00	11.10		
128	60	Pottery	Earthenware			1.00	17.10		
128	18	Glass	Bottle Glass			2.00	169.20		
129	249	Pottery	Earthenware			1.00	6.70		
129	243	Ceramic	Pipe	Stem		1.00	5.40	19th	20th
130	288	Pottery	Creamware			1.00	0.80		
130	156	Glass				3.00	27.20		
130	287	Pottery	Darkware			1.00	30.60		
130	252	Ceramic	Pipe	Stem		1.00	3.40	19th	20th
130	244	Metal				1.00	153.80		
130	251	Glass				1.00	1.10		
130	10	Copper Alloy	Coin		Irish halfpenny	0.00	3.20		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
130	132	Ceramic	Pipe	Stem		2.00	4.50	17th	17th
130	133	Ceramic	Ceramic Marble			1.00	3.80		
131	102	Ceramic	Pipe	Stem		2.00	3.60	19th	20th
131	113	Pottery	Earthenware			4.00	9.20		
131	107	Pottery	Slipware	Self-coloured		1.00	5.70		
131	105	Pottery	Darkware			3.00	4.40		
131	92	Glass				12.00	47.70		
132	26	Pottery	Darkware			2.00	110.80		
132	175	Ceramic	Pipe	Stem		1.00	2.90	19th	20th
132	176	Pottery	Earthenware			2.00	7.00		
132	186	Pottery	Darkware			1.00	78.80		
132	47	Glass				2.00	13.20		
132	49	Pottery	Creamware			1.00	6.00		
134	166	Pottery	Stoneware	Brown		1.00	8.00		
134	48	Pottery	Dipped Earthenware	Self-coloured		5.00	33.70		
134	269	Pottery	Earthenware			13.00	44.60		
134	260	Pottery	Creamware			1.00	21.00		
134	35	Pottery	Darkware			1.00	70.10		
134	208	Pottery	Darkware	Fineware		1.00	28.60	17th C	18th C
137	104	Pottery	Darkware			14.00	848.10		
137	56	Pottery	Yellowware			1.00	3.10		
137	55	Ceramic	Pipe	Stem		1.00	1.20	19th	20th

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
137	36	Pottery	Slipware			2.00	46.10		
137	41	Glass				3.00	8.60		
137	118	Pottery	Slipware	Self-coloured		11.00	70.10		
137	229	Pottery	Earthenware			7.00	22.20		
137	52	Pottery	Earthenware			16.00	124.40		
137	50	Ceramic	Pipe	Stem		8.00	19.50	17th	19th
137	11	Pottery	Slipware	Self-coloured		3.00	17.30		
137	227	Pottery	Stoneware			3.00	61.20		
137	170	Ceramic	Pipe	Spur		1.00	1.70	19th	20th
137	86	Ceramic	Drain Pipe	UND		1.00	42.00		
137	181	Pottery	Darkware			5.00	160.70		
137	76	Metal				1.00	30.00		
137	171	Ceramic	Pipe	Bowl		1.00	11.20	18th	19th
137	61	Pottery	Earthenware			5.00	8.20		
142	190	Pottery	Darkware			1.00	9.40		
142	215	Ceramic	Pipe	Bowl		1.00	6.90	18th	19th
142	183	Pottery	Slipware			3.00	11.20		
142	216	Ceramic	Pipe	Bowl, Stamped		1.00	9.20	17th C	17th C
142	180	Pottery	Darkware			5.00	114.90		
142	116	Glass				2.00	11.60		
143	167	Glass				1.00	0.60		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
153	348	Ceramic	Pipe	Stem		6.00	19.20	19th	20th
153	24	Pottery	Earthenware			3.00	8.60		
153	54	Pottery	Darkware			2.00	34.50		
153	372	Glass				7.00	20.80		
153	353	Pottery	Yellowware			3.00	9.40		
153	351	Pottery	Darkware			25.00	791.60		
153	28	Ceramic	Pipe	Stem		16.00	31.20	17th C	17th C
153	29	Ceramic	Pipe	Bowl, Stamped		9.00	32.50	17th C	17th C
153	311	Glass			Window pane	10.00	93.20		
160	259	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	1.00	21.00		
160	63	Industrial Waste				1.00	63.60		
160	21	Ceramic	Pipe			5.00	8.30	19th	20th
160	79	Pottery	Earthenware			53.00	320.00		
160	16	Metal				4.00	213.90		
160	83	Pottery	Slipware	Self- coloured		26.00	339.20		
160	276	Pottery	Stoneware			2.00	10.70		
160	42	Glass				8.00	53.40		
160	89	Pottery	Darkware			52.00	1838.00		
160	285	Pottery	Slipware	Self- coloured		1.00	1.30		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
161	159	Ceramic	Pipe	Stem		1.00	2.90	19th	20th
161	160	Ceramic	Ceramic Marble			1.00	7.20		
162	205	Pottery	Darkware			1.00	19.30	17th C	18th C
166	250	Pottery	Earthenware			15.00	187.70		
166	245	Pottery	Stoneware	19th Cent. Grey		1.00	121.50		
166	228	Copper Alloy			Button	2.00	2.50		
166	203	Ceramic	Pipe	Spur		1.00	7.10	18th	20th
166	202	Ceramic	Pipe	Bowl, Stamped		1.00	10.40	17th C	17th C
166	201	Ceramic	Pipe	Bowl, Stamped		1.00	10.60	17th C	17th C
166	200	Ceramic	Pipe	Stem		14.00	59.30	17th	19th
166	198	Glass				1.00	3.00		
166	195	SHL	MUS			4.00	4.10		
166	189	Pottery	Darkware			9.00	444.90		
166	85	Pottery	Darkware			1.00	67.00		
166	7	Ceramic	Pipe	Stem		8.00	13.30	17th C	17th C
166	290	Pottery	Stoneware	Brown		1.00	1.00		
167	44	Ceramic	Pipe	Stem		1.00	2.50	17th C	17th C
167	77	Industrial Waste	Glass			4.00	32.90		
167	80	Glass				28.00	79.20		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
167	238	Pottery	Self-coloured	SCL		2.00	11.10		
167	43	Ceramic	Pipe	Bowl		1.00	7.80	17th C	17th C
167	70	Pottery	Earthenware			9.00	40.90		
167	277	Pottery	Creamware			1.00	32.50		
167	71	Pottery	Yellowware			1.00	20.00		
167	237	Pottery	Stoneware			1.00	5.00		
167	68	Ceramic	Pipe	Stem		1.00	4.00	19th	20th
171	257	Glass				1.00	2.50		
171	140	Glass	Bottle Glass			1.00	3.60		
171	206	Pottery	Slipware			7.00	53.80		
171	204	Pottery	Earthenware	Tin Glazed Earthen ware		6.00	11.20		
171	22	Pottery	Yellowware			10.00	74.00		
171	440	Pottery	Darkware	Fineware		1.00	29.90	17th C	18th C
171	13	Pottery	Darkware			32.00	559.90		
171	199	Pottery	Creamware			2.00	3.80		
171	12	Metal				1.00	5.90		
171	286	Pottery	Slipware			1.00	5.20		
171	53	Glass	Vessel		Wine or beer glass	1.00	2.00	17th C	early 18th
171	438	Pottery	Darkware	Fineware		1.00	4.70	17th C	18th C
171	57	Ceramic	Pipe	Stem		2.00	4.90	17th	17th
171	8	Pottery	Darkware	Coarsew	Drinking cup	1.00	179.00	16th C	17th C

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
				are					
171	58	Pottery	Stoneware	Brown		2.00	18.00		
171	439	Pottery	Darkware	DCL		3.00	33.20	17th C	18th C
22	222	Pottery	Mottledware	Mottledware		2.00	22.80		
22	103	Glass				5.00	169.00		
22	144	Ceramic	Pipe	Stem		3.00	7.40	19th	20th
22	234	Metal			Nail and washer?	2.00	40.00		
22	134	Pottery	Earthenware			3.00	5.10		
22	356	Wood			Basket handle?	1.00	17.00		
22	223	Pottery	Slip coated ware	Red slipped		1.00	48.40		
22	232	Pottery	Darkware			4.00	34.10		
39	192	Pottery	Mottledware	Mottledware		1.00	1.90		
39	193	Glass				1.00	0.40		
4	405	Pottery	Slipware	Self-coloured		1.00	34.20		
4	90	Pottery	Darkware		Possible candlestick holder	2.00	50.00		
4	406	Ceramic	Pipe	Stem		16.00	37.10	19th	20th
4	404	Pottery	Earthenware	Self-coloured		1.00	19.10	19th	20th
4	407	Ceramic	Pipe	Mouthpiece		2.00	2.80	19th	20th
4	408	Glass	Bottle Glass			1.00	73.80		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	409	Pottery	Earthenware			26.00	244.90		
4	101	Glass				7.00	151.40		
4	410	Pottery	Earthenware			5.00	58.20		
4	98	Pottery	Darkware			1.00	207.30		
4	97	Industrial Waste				1.00	338.50		
4	411	Ceramic	Ceramic Marble			2.00	9.80		
4	94	Copper Alloy			Button	1.00	1.30		
4	403	Pottery	Stoneware			1.00	15.50		
4	91	Ceramic	Pipe	Stem		16.00	33.30	19th	20th
4	413	SHL				3.00	4.20		
4	87	Ceramic	Pipe	Stem		1.00	1.80	19th	20th
4	412	Glass	Ceramic Marble			1.00	5.50		
4	130	PLC			Button	1.00	1.20		
4	281	MOR				2.00	32.50		
4	378	Pottery	CHA			3.00	94.70		
4	51	Metal			Gun cartridge	1.00	1.50		
4	387	Glass	Bottle Glass			3.00	146.60		
4	388	Pottery	Earthenware			21.00	416.70		
4	389	Glass				40.00	1137.40		
4	390	STO				1.00	56.60		
4	46	Pottery	Earthenware			3.00	21.60		
4	45	Ceramic	Pipe	Stem		1.00	4.50		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	391	Glass				3.00	42.30		
4	392	Pottery	Stoneware		Marmalade jar	15.00	263.00		
4	393	Pottery	Earthenware			26.00	315.20		
4	397	Pottery	Earthenware		Moon and cow with children playing- nursery rhymes	1.00	13.00		
4	395	Glass				1.00	14.30		
4	402	Pottery	Earthenware			5.00	63.50		
4	129	Pottery	Stoneware			3.00	67.80		
4	128	Pottery	Slipware	Self-coloured		1.00	1.30		
4	127	Pottery	Darkware			1.00	4.50		
4	124	Metal				12.00	1008.00		
4	123	Metal				7.00	350.80		
4	122	Metal				15.00	755.00		
4	396	Pottery	Earthenware			5.00	49.30		
4	414	PLC	Personal Ornament	BED	Bead	1.00	1.50		
4	398	Pottery	Stoneware			3.00	140.20		
4	399	Pottery	Yellowware			1.00	29.30	17th	18th
4	400	Pottery	BST			2.00	12.50		
4	115	RUB			Bottle stopper	2.00	34.90		
4	401	Glass	Bottle Glass			1.00	446.00		
4	394	Pottery	Earthenware			2.00	16.70		
4	20	Pottery	Stoneware	19th	Marmalade jar	18.00	653.90		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
				Cent. Grey					
4	418	Pottery	UNG			1.00	8.60		
4	37	Ceramic	Pipe	Stem		1.00	1.60	19th	20th
4	426	Pottery	UNG			8.00	509.10		
4	427	Bone	Animal			4.00	26.50		
4	33	Industrial Waste				2.00	35.20		
4	32	Pottery	Yellowware			1.00	6.20		
4	428	Pottery	Mottledware	Mottledware		2.00	13.00		
4	429	Pottery	Earthenware			2.00	26.10		
4	430	Pottery	Stoneware		Marmalade jar	7.00	237.40		
4	431	Pottery	Stoneware			2.00	315.80		
4	27	Glass			Possibly lamp	34.00	138.10		
4	432	Pottery	Stoneware		Marmalade jar	12.00	450.40		
4	25	Wood			Cork	2.00	6.30		
4	39	Cork			Bottle corks	2.00	2.20		
4	14	Glass				26.00	514.90		
4	2	Pottery	Mottledware		Possible teapot	4.00	40.30		
4	3	Slate			Slate 'pencil'?	2.00	4.00		
4	4	Slate			Slate 'pencil'?	1.00	2.10		
4	5	Copper Alloy	Coin		Penny	1.00	8.50		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	6	Iron			Keyhole door plate	1.00	10.10		
4	433	Pottery	Darkware			15.00	1118.50		
4	437	Pottery	Darkware			14.00	1737.00		
4	434	Glass	Bottle Glass			36.00	1075.00		
4	15	Pottery	Darkware			4.00	148.20		
4	436	Glass	Bottle Glass		Bottle stopper	1.00	12.60		
4	17	Ceramic	Pipe	Stem		4.00	7.40	19th	20th
4	435	Glass				7.00	161.70		
4	19	Lead				1.00	203.60		
4	425	Pottery	CHA			4.00	20.40		
4	9	Copper Alloy	Token		Token	1.00	6.20		
4	421	Pottery	Earthenware			20.00	335.20		
4	84	Copper Alloy	Coin		Penny	1.00	10.30		
4	416	Pottery	Slip coated ware	Red slipped		1.00	20.80		
4	417	Pottery	CHA			2.00	68.60		
4	78	Glass				43.00	603.20		
4	66	Glass				15.00	173.80		
4	75	Ceramic	Pipe	Stem		4.00	7.90	19th	20th
4	62	Pottery	Earthenware			27.00	176.00		
4	419	Ceramic	BTS		Bottle stopper	1.00	19.10		
4	420	Ceramic	ELI		Electrical Insulator	1.00	84.30		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	329	Ceramic	Pipe	Stem		2.00	5.80	19th	20th
4	328	Pottery	CHA			3.00	19.80		
4	327	Ceramic	Tile	GLZ		1.00	21.20		
4	326	Glass	Bottle Glass		Inkwell	3.00	111.90		
4	38	Ceramic	Ceramic Marble			1.00	5.00		
4	312	Lead			Window piping	3.00	10.60		
4	424	Glass				4.00	39.60		
4	423	Pottery	Stoneware			2.00	245.00		
4	307	Ceramic	Brick		Handmade brick	2.00	5000.00		
4	308	BUI			Flag	1.00	900.00		
4	309	Pottery	Darkware			4.00	106.30		
4	325	Pottery	CHA			1.00	102.20		
4	422	Pottery	Stoneware	Brown		5.00	170.10		
4	324	Pottery	Darkware			20.00	730.40		
4	318	Pottery	Mottledware	Mottledware		1.00	4.20		
4	319	Glass	Bottle Glass			2.00	28.20		
4	320	Pottery	Earthenware			0.00	155.40		
4	321	Pottery	Stoneware			2.00	102.60		
4	322	Pottery	Darkware			3.00	137.00		
4	415	Pottery	Mottledware	Mottledware	Part of teapot spout	1.00	15.80		
4	310	Glass	Ceramic Marble			1.00	8.00		
4	266	Pottery	Earthenware			1.00	14.80		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	263	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	1.00	5.10		
4	334	Pottery	Stoneware		Marmalade jar	8.00	188.30		
4	335	Pottery	Yellowware			1.00	39.10		
4	212	Pottery	Darkware			1.00	45.60		
4	336	Pottery	Mottledware	LAT		1.00	15.20		
4	337	Pottery	Stoneware	Brown		1.00	6.20		
4	338	Metal	TOO		Spanner	1.00	92.70		
4	340	Pottery	Darkware			4.00	115.50		
4	379	Metal			Bowl, Chain and Nail	3.00	129.80		
4	264	Pottery	Dipped Earthenware	BLU		2.00	17.40		
4	67	Pottery	Earthenware			4.00	74.90		
4	355	Pottery	Earthenware			4.00	67.70		
4	265	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	2.00	41.40		
4	226	Wood			Bottle stopper	2.00	16.60		
4	291	Industrial Waste				1.00	1000.50		
4	346	Glass			Vase?	2.00	41.60		
4	341	Pottery	Stoneware			8.00	317.50		
4	268	Bone	Animal			1.00	33.60		
4	347	Pottery	Stoneware			2.00	374.10		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	349	Pottery	Stoneware	Brown		2.00	64.20		
4	270	Pottery	Darkware			1.00	11.90		
4	271	Pottery	UNG			1.00	53.70		
4	272	Pottery	Stoneware			2.00	35.20		
4	354	Pottery	Slipware	Self-coloured		2.00	10.20		
4	178	Pottery	Earthenware			3.00	25.90		
4	1	Pottery	Stoneware	19th Cent. Grey	Beer bottle	4.00	154.30		
4	302	Metal				4.00	1500.00		
4	255	Metal				1.00	47.00		
4	292	Metal				14.00	2000.00		
4	293	Metal				2.00	121.00		
4	294	Metal				3.00	1500.00		
4	295	Metal				3.00	1137.30		
4	296	Metal				3.00	782.80		
4	297	Copper Alloy			Candlestick holder?	2.00	126.00		
4	298	Metal				10.00	1000.50		
4	299	Metal	TOO		Cutter tool	1.00	34.30		
4	261	Pottery	Earthenware			13.00	82.30		
4	262	Pottery	CHA			1.00	12.20		
4	219	Lead	Sheet			2.00	446.90	19th	20th

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
4	301	Metal				10.00	343.20		
4	220	Ceramic	Floor tile			1.00	248.00		
4	241	Ceramic	Fired clay			1.00	76.50		
4	303	Copper Alloy			Part of lamp	1.00	12.30		
4	239	Glass				6.00	155.20		
4	236	Glass	Bottle Glass			6.00	429.90		
4	235	Metal				12.00	464.00		
4	304	Wood	Tool		Tool handle	1.00	26.30		
4	231	Pottery	Darkware			2.00	97.70		
4	305	Metal				5.00	370.30		
4	306	SST			Flag	2.00	1904.60		
4	330	Pottery	Stoneware		Marmalade jar	15.00	487.30		
4	331	Pottery	Darkware			2.00	26.00	18th	19th
4	267	Industrial Waste				1.00	261.80		
4	300	Copper Alloy				1.00	3.00		
4	154	Ceramic	Pipe	Stem		9.00	25.90	19th	20th
4	371	Glass	Industrial Waste		Nugget	1.00	42.80		
4	357	Pottery	UNG			2.00	48.80		
4	282	Wood			Knife handle	1.00	40.90		
4	368	Pottery	CHA			2.00	195.80		
4	284	Pottery	Mottledware	Mottledw	Part of teapot spout	1.00	6.00		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
				are					
4	275	Pottery	Mottledware	Mottledware		1.00	8.30		
4	164	Glass				17.00	694.90		
4	165	Glass	Industrial Waste		Nugget	1.00	377.60		
4	374	Ceramic	Pipe	Stem		5.00	14.30	19th	20th
4	155	Ceramic	Pipe	Glazed mouthpiece		1.00	1.80	19th	20th
4	373	Pottery	Stoneware		Marmalade jar	1.00	13.70		
4	361	Pottery			Egg cup	2.00	24.80		
4	274	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	1.00	21.10		
4	168	Slate			Slate writing tablet?	1.00	161.20		
4	169	Glass				3.00	16.40		
4	273	Industrial Waste				1.00	160.80		
4	358	Glass	Ceramic Marble			1.00	1.90		
4	375	Ceramic	Pipe	Spur		1.00	2.20	19th	20th
4	151	Ceramic	Pipe	Stem		1.00	2.00	19th	20th
4	279	Bone	Animal			6.00	50.20		
4	142	Bone	Animal			1.00	14.80		
4	141	Copper Alloy	Personal Ornament		Earring?	1.00	0.30		
45	242	Glass				1.00	3.80		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
460	207	Glass	Bottle Glass			5.00	236.80		
460	121	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	6.00	377.90		
460	214	Pottery	Stoneware	19th Cent. Grey		1.00	13.70		
460	125	Metal			Door hinge?	1.00	81.60		
460	213	Bone	Animal			1.00	13.70		
460	187	ALB?				5.00	39.50		
460	256	Pottery	Earthenware			1.00	24.70		
47	218	Ceramic	Pipe	Stem		2.00	2.50		
47	188	Metal				3.00	165.00		
47	157	Glass	Bottle Glass		Small jar	1.00	113.60		
47	147	Pottery	Stoneware	19th Cent. Grey	Marmalade jar	2.00	20.50		
47	148	Pottery	Earthenware			1.00	11.30		
47	314	Copper Alloy	Coin		Penny	1.00	9.30		
47	211	MOR				1.00	9.60		
47	158	Glass				2.00	14.00		
47	88	Copper Alloy	Coin		Penny	1.00	9.20		
67	315	Pottery	Stoneware		Marmalade jar	7.00	145.70		
67	384	Glass				2.00	32.30		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
67	383	Glass	Bottle Glass		Beer bottle	2.00	294.40		
67	382	Glass	Bottle Glass			5.00	152.30		
67	376	Glass	Ceramic Marble			1.00	9.00		
67	377	Copper Alloy				1.00	0.90		
67	316	Pottery	Stoneware		Marmalade jar	23.00	515.00		
67	317	Pottery	Stoneware		Marmalade jar	4.00	62.20		
67	126	Glass	Bottle Glass		Milk Bottle	2.00	1100.00		
70	313	Iron			Hearth plate	1.00	40000.00		
74	258	Pottery	Slip coated ware	Red slipped		5.00	21.80		
74	114	Pottery	Earthenware			1.00	1.30		
74	111	Pottery	Darkware			5.00	121.20		
74	161	Ceramic	Pipe	Stem		3.00	5.10	19th	20th
74	110	Pottery	Slipware	Self-coloured		4.00	15.00		
77	209	Pottery	Mottledware	Slipped		1.00	2.40	17th C	18th C
81	65	Pottery	Darkware			8.00	73.40		
81	153	Glass				3.00	5.10		
81	135	Ceramic	Pipe	Stem		2.00	5.30	19th	20th
81	136	Pottery	Darkware			6.00	26.50		
81	224	Pottery	Yellowware	Fine		2.00	33.10	17th C	17th C
81	64	Glass				3.00	8.90		
83	174	Pottery	Tin Glazed	Polychro		1.00	4.70		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
			Earthenware	me Decorated					
83	145	Pottery	Tin Glazed Earthenware	Polychrome Decorated		1.00	1.70		
83	82	Pottery	Stoneware			1.00	1.40		
83	173	Pottery	Slip coated ware	Red slipped		1.00	1.30		
83	81	Pottery	Darkware			2.00	7.70		
83	185	Pottery	Darkware			1.00	11.10		
85	332	Pottery	Darkware		Part of teapot spout	4.00	97.00		
85	381	Glass				13.00	377.40		
85	344	Pottery	Earthenware			2.00	37.80		
85	194	Pottery	Earthenware			3.00	18.70		
85	172	Metal				1.00	38.90		
85	280	Glass	Bottle Glass			3.00	159.60		
88	152	PLC			Electrical component?	1.00	8.50		
88	179	Ceramic	Drain Pipe	UND		2.00	221.50		
88	221	Glass	Bottle Glass			2.00	145.30		
88	210	Metal				4.00	76.80		
88	131	Pottery	Stoneware			1.00	16.30		
89	23	Pottery	Darkware			1.00	18.70		
99	182	Glass				1.00	1.30		

Context	Finds Number	Material	Type	Class	Form	Total	Weight (g)	Date earliest	Date latest
99	150	Pottery	Darkware			7.00	41.80		
99	196	Ceramic	Pipe	Stem		1.00	3.10	19th	20th
U/S	100	Pottery	Slipware			3.00	27.30		
U/S	386	Ceramic	Brick	GLZ		1.00	326.00		
U/S	149	Glass	Bottle Glass			1.00	22.30		
U/S	369	Glass	Industrial Waste		Nugget	8.00	462.30		
U/S	363	Pottery	Darkware			3.00	31.20		
U/S	362	Glass	Bottle Glass			1.00	32.10		
U/S	360	Ceramic	Pipe	Moulded bowl		1.00	4.40	19th	20th
U/S	359	Ceramic	Pipe	Stem		2.00	6.70	19th	20th
U/S	342	Glass	Ceramic Marble			1.00	7.60		
U/S	350	Pottery	Darkware	TPE		1.00	39.40		
U/S	246	Ceramic	Pipe	Stem		1.00	1.90	19th	20th
U/S	95	Pottery	Yellowware			1.00	17.50		
U/S	93	Pottery	Darkware			3.00	71.70		
U/S	345	Pottery	Stoneware		Marmalade jar	2.00	37.40		
U/S	191	Pottery	Darkware			1.00	89.90		
U/S	343	Glass				5.00	146.30		
U/S	217	Copper Alloy				1.00	28.00		
U/S	34	Copper Alloy	Coin		Penny	1.00	9.00		
U/S	352	Glass	Industrial Waste		Nugget	1.00	178.50		

A4. Context Register

MA =Mark Adams (Project Officer), CAE =Cath Edwards (Site Supervisor), CA= Clare Ahmad, HJ= Helen Jones, SP= Steve Price, DAC =Dorn Carran, AB= Andrew Burn, KC =Kevin Cootes, AP=Anys Price (Site Assistants)

AREA	CTXT	DESCRIPTION	REC BY	DATE
V	1	Tarmac	CA	30/07/2007
V	2	Unbound sub-base	CA	30/07/2007
V	3	Natural clay	CA	30/07/2007
II	4	Topsoil	CA	30/07/2007
II	5	17th c red brick wall aligned E-W within [25]	CA	30/07/2007
II	6	Crushed red sandstone ?wall foundation	CA	30/07/2007
II	7	Cellar wall/?cess pit	CA	30/07/2007
II	8	Natural clay	CA	30/07/2007
III	9	Unbound rubble make-up layer	CA	30/07/2007
III	10	Natural clay	CA	30/07/2007
IV	11	Unbound rubble make-up layer	CA	30/07/2007
IV	12	Red brick wall running E-W, mid trench	CA	30/07/2007
IV	13	Red brick wall running N-S, mid trench	CA	30/07/2007
IV	14	Red brick wall running E-W, mid trench	CA	30/07/2007
IV	15	Square flagstones	CA	30/07/2007
IV	16	Red brick ?path	CA	30/07/2007
IV	17	Layer of rubble with brick and stone fragments at eastern edge of mid-trench	CA	30/07/2007
IV	18	Natural clay	CA	30/07/2007
II	19	Rubble in-fill of cellar at north end	CA	30/07/2007
I	20	Topsoil	CA	30/07/2007
I	21	Clean sand below topsoil	CA	30/07/2007
I	22	?Pit at northern end of trench	CA	30/07/2007
I	23	Natural clay	CA	30/07/2007
II	24	Sandstone oval feature cutting [25]	CA	30/07/2007
II	25	Dark grey silty clay band at northern end of trench containing wall [5]	CA	30/07/2007
III	26	Very dark grey unbound rubble in-fill	CA	01/08/2007
I	27	Cut containing fill [22]	MA	01/08/2007
IV	28	Subcircular patch of brick rubble	HJ	01/08/2007
IV	29	Raised N-S aligned brick wall	HJ	01/08/2007
IV	30	Brick surface, W of [29]	HJ	01/08/2007
IV	31	Irregular area of cracked grey flagstones, N of [17] and [29]	HJ	01/08/2007
IV	32	Irregular dark sandy silt spread containing sandstone flag	HJ	01/08/2007
IV	33	Irregular area of cracked grey flagstones, N of [32]	HJ	01/08/2007
IV	34	Irregular spread of brick rubble mixed with unbound rubble [11]	HJ	01/08/2007
VI	35	Flagstone floor east wing	MA	17/08/2007
VI	36	Brickwall east wing S of 35	MA	17/08/2007
VI	37	Brick floor south of 35	MA	17/08/2007
VI	38	N-S aligned brick wall east side of south room in east wing	SP	17/08/2007

AREA	CTXT	DESCRIPTION	REC BY	DATE
VI	39	E-W brick wall S side of south room in east wing	SP	17/08/2007
VI	40	N-S brick wall W side of S room E wing N of [39]	SP	17/08/2007
VI	41	E-W aligned wall W of [40], W side of E wing	SP	17/08/2007
VI	42	N-S aligned brick wall W side of E wing, S room N of [41]	SP	17/08/2007
VI	43	E-W sandstone wall, W side of e wing	SP	17/08/2007
VI	44	NE-SW wall orientated diagonally between [43] and [36]	SP	17/08/2007
VI	45	E-W aligned N wall of S room in E wing	SP	17/08/2007
VI	46	Flagstone floor in passage way in E wing	SP	17/08/2007
VI	47	Clay floor surface in S room E wing	SP	17/08/2007
VI	48	W wall in N room E wing	CAE	17/08/2007
VI	49	Possible remains of sandstone wall S of [50]	CAE	17/08/2007
VI	50	N wall of N room E wing	CAE	17/08/2007
VI	51	Brick surface NE of [35]	CAE	17/08/2007
VI	52	N-S aligned Brick and sandstone wall SW edge of W wing	DAC	20/08/2007
VI	53	E-W aligned brick wall at right angles to [52]	DAC	20/08/2007
VI	54	Concrete surface to the E of [52] and [53]	DAC	20/08/2007
VI	55	E-W aligned brick wall directly to the N of [54]	DAC	20/08/2007
VI	56	Brick surface underlying [54] W wing	DAC	20/08/2007
VI	57	Surface of mixed materials (brick, slate, concrete) NW extent	DAC	20/08/2007
VI	58	Concrete surface directly to the E of [57]	DAC	20/08/2007
VI	59	N-S aligned brick wall forming W side of doorway in W wing	DAC	20/08/2007
VI	60	Brick wall forming E side of doorway W wing	DAC	20/08/2007
VI	61	Brick surface in the SE extent of W wing to the E of [60]	DAC	20/08/2007
VI	62	Small brick surface to the E of [61] and W of [63]	DAC	20/08/2007
VI	63	Flagged surface to the S and E of [62] and [63]	DAC	20/08/2007
VI	64	E-W aligned brick wall E of doorway in W wing	DAC	20/08/2007
VI	65	Sandstone wall sharing alignment with [64]	DAC	20/08/2007
VI	66	Brick surface to the N of wall [65]/[64] W wing	DAC	20/08/2007
VI	67	Dark gravel rich deposit bounded by [70]/[36]/[68]/[69]	CAE	20/08/2007
VI	68	N-S aligned wall on W edge of NE room	CAE	20/08/2007
VI	69	N-S aligned wall directly to the W of [68]	CAE	20/08/2007
VI	70	Latest phase of fireplace represented by brick surface	CAE	20/08/2007
VI	71	N-S aligned linear feature overlying surface [47] underlying [39]	CAE	20/08/2007
VI	72	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
VI	73	Concrete facing on N face of [72]	CAE	20/08/2007
VI	74	Spread/ Subsoil remnant extend over SW extent	CAE	20/08/2007
VI	75	E-W aligned sandstone feature in SW extent	CAE	20/08/2007
VI	76	N-S aligned sandstone drain SW extent	CAE	20/08/2007
VI	77	Uppermost deposit within [76]	CAE	20/08/2007
VI	78	Large irregular sandstone feature to the S of [75] NOW VOID	CAE	20/08/2007
VI	79	Subcircular spread/ deposit to the E of [75]	CAE	20/08/2007
VI	80	Northern most curvilinear brick drain	CAE	20/08/2007
VI	81	Uppermost deposit within [80]	CAE	20/08/2007
VI	82	Southern curvilinear brick drain	CAE	20/08/2007
VI	83	Uppermost deposit within [82]	CAE	20/08/2007

AREA	CTXT	DESCRIPTION	REC BY	DATE
VI	84	Cut for well to the S of SE room	AP	21/08/2007
VI	85	Uppermost backfill deposit within well [86]	AP	21/08/2007
VI	86	Sandstone masonry lining well cut	AP	21/08/2007
VI	87	Large flag stones to the W of [70] and [69]	CAE	21/08/2007
VI	88	Remains of metal grate overlying [87]	CAE	21/08/2007
VI	89	ceramic lined drain to the E of well	AP	21/08/2007
VI	90	Silt fill of [89]	AP	21/08/2007
VI	91	From metal water pump within well	AP	21/08/2007
VI	92	Small area of bricks within flagged surface [35] E wing	SCP	21/08/2007
VI	93	Pos. remains of brick wall directly to the N of [70] S of [50]	DAC	21/08/2007
VI	94	E-W aligned ceramic drain to the N of [50]	DAC	21/08/2007
VI	95	N-S aligned remains of wall abutting (?) [50]	DAC	21/08/2007
VI	96	Fragmented flagstones likely part of [35]	AP	21/08/2007
VI	97	Brick surface underlying deposit [67]	AP	21/08/2007
VI	98	Cut for E-W aligned feature [75]	CAE	22/08/2007
VI	99	Charcoal rich deposit overlying drains [81] and [82]	KC	22/08/2007
VI	100	Sand bedding level underlying surfaces [35] and [37]	SCP	22/08/2007
VI	101	Sand bedding for flagged surface in corridor [46]	AP	22/08/2007
VI	102	Stone base of drain [82]	DAC	22/08/2007
VI	103	E-W aligned cut for brick drains [80] and [82]	DAC	22/08/2007
VI	104	Small sandstone feature to the N of [75]	CAE	23/08/2007
VI	105	Cut for sandstone feature [104]	CAE	23/08/2007
VI	106	Clay surface below sand bedding level [101] E wing corridor	SCP	23/08/2007
VI	107	Charcoal rich spread underlying E-W drains [80] and [82]	DAC	23/08/2007
VI	108	Remains of wall underlying [108] SE room	SCP	23/08/2007
VI	109	Charcoal rich deposit within cut [116]	AP	23/08/2007
VI	110	Charcoal rich deposit uppermost fill within cut [149]	AP	23/08/2007
VI	111	Deposit within feature [139] in N room E wing	AP	23/08/2007
VI	112	Charcoal rich spread in NE corner of N room E wing	AP	23/08/2007
VI	113	Area of mixed charcoal and rubble overlying [114]	AP	23/08/2007
VI	114	Pink/ yellow clay surface underlying [100] in NE room	AP	23/08/2007
VI	115	Yellow/ brown clay underlying [100] in S extent of NE room	AP	23/08/2007
VI	116	Circular cut containing [109]	AP	23/08/2007
VI	117	Area of burning overlying [47] within hearth [45]	SP	23/08/2007
VI	118	Wooden basket within [116]	AP	23/08/2007
VI	119	Sand bedding for brick level in NW area of site	KC	23/08/2007
VI	120	Light grey mottled level with demolition debris within	KC	23/08/2007
VI	121	Charcoal rich deposit overlying [120]	KC	23/08/2007
VI	122	Possible wall cutting through [120]	KC	23/08/2007
VI	123	Grey /black deposit underlying brick surface [57] in NW extent of site	CAE	24/08/2007
VI	124	pebble base of sandstone N-S aligned drain SW extent of site	DAC	24/08/2007
VI	125	Spread of brown clay W of [124] E of [107]	DAC	24/08/2007
VI	126	N wall fireplace E wing	MA	24/08/2007
VI	127	S wall fireplace E wing	MA	24/08/2007
VI	128	Ash layer fireplace E wing	MA	24/08/2007

AREA	CTXT	DESCRIPTION	REC BY	DATE
VI	129	Sandstone slab fireplace E wing	MA	24/08/2007
VI	130	demolition layer below brick floor [61]	KC	24/08/2007
VI	131	Dark clay layer south of wall [39] old soil level	SP	24/08/2007
VI	132	Dark deposit underlying brick surface [66] in W wing	CAE	24/08/2007
VI	133	cut filled by [107] in SW corner	DAC	24/08/2007
VI	134	Demolition deposit under brick surface [62]	KC	28/08/2007
VI	135	Row of brick deviding [61] and [62]	KC	28/08/2007
VI	136	Cut for walls [64] and [65]	KC	28/08/2007
VI	137	Layer underlying 132 in W extent composed of natural clay and demolition material	CAE	28/08/2007
VI	138	Pit in clay surface [47] SE corner of S room filled by [4]	SP	28/08/2007
VI	139	Circular cut filled by [111]	AP	28/08/2007
VI	140	Cut for [141] in SW corner of N room E wing	SP	28/08/2007
VI	141	Decayed red brick and sandstone wall within [140]	SP	28/08/2007
VI	142	E-W aligned wall in S part of trench	SP	28/08/2007
VI	143	Clay with cinder inclusions below [110]	AP	28/08/2007
VI	144	Natural brown clay below [143]	AP	28/08/2007
VI	145	Fill Of N-S aligned linears [3] in SW extent (sondage)	DAC	28/08/2007
VI	146	Sandstone deposit nr [145] in the SW extent	DAC	28/08/2007
VI	147	E-W aligned wall of dressed sandstone blocks within air raid shelter	KC	29/08/2007
VI	148	Wooden floor supports aligned N-S within air raid shelter	KC	29/08/2007
VI	149	Cut filled by [143] and [110]	AP	29/08/2007
VI	150	N-S aligned linears (wheel ruts?) within sondage in SW extent filled by [145]	DAC	29/08/2007
VI	151	Rubble / cinder rich deposit overlying timbers [148]	KC	29/08/2007
VI	152	E-W aligned wall in NE area	SP	29/08/2007
VI	153	Sandy clay deposit underlying [119] in NE area	SP	29/08/2007
VI	154	Dark cinder fill underlying [119] not [152]	SP	29/08/2007
VI	155	Yorkstone flags below [152]	SP	29/08/2007
VI	156	Sandstone surface evident below [153]	SP	29/08/2007
VI	157	Stone flags below [94]	AP	29/08/2007
VI	158	Brick drain lining	AP	29/08/2007
VI	159	Cut of [146] in SW corner	DAC	29/08/2007
VI	160	Fill 'around' [94]	AP	29/08/2007
VI	161	drain walls below [94]	AP	29/08/2007
VI	162	Drain fill below [94]	AP	29/08/2007
VI	163	E-W aligned wall underlying deposit [137]	CAE	30/08/2007
VI	164	Floor stones W wing	KC	30/08/2007
VI	165	Pit cutiing [164]	KC	30/08/2007
VI	166	Fill of pit [164]	KC	30/08/2007
VI	167	Fill of construction cut for wall [168]	MA	30/08/2007
VI	168	Red sandstone cellar wall	MA	30/08/2007
VI	169	Construction cut for 168	MA	30/08/2007
VI	170	Pinkish/ orange sand underlying [163]	CAE	30/08/2007
VI	171	Grey sandy clay charcoal rich underlying [170]	CAE	30/08/2007

AREA	CTXT	DESCRIPTION	REC BY	DATE
VI	172	Redeposited natural underlying [171]	CAE	30/08/2007
VI	173	Brick feature overlying [164]	KC	30/08/2007
VI post-ex	174	Cut for N-S aligned drain in SW sector	CAE	05/09/2007
VI post-ex	175	ceramic drain lining for cut [89]	CAE	05/09/2007
VI post-ex	176	Mid brown clay below [131] - duplicate number originally S Price's [132]	CAE	05/09/2007
	177		HJ	02/08/2007

A.3 Photographic Register

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
1	DIG	V	1,2,3	26/07/2007	General shot of trench	NE		MA
2	DIG	IV		27/07/2007	Working shot	S		MA
3	DIG	IV		27/07/2007	Working shot	W		MA
4	DIG	IV		27/07/2007	Working shot	W		MA
5	DIG	IV		27/07/2007	Working shot	W		MA
6	DIG	IV		27/07/2007	Working shot	SE		MA
7	DIG	I	22	27/07/2007	Shot of pit containing dark brown silty clay loam	N	17th c slipware frag and structural timbers	MA
8	DIG	II		27/07/2007	General shot of trench	N		MA
9	DIG	II		27/07/2007	General shot of trench	N		MA
10	DIG	II	19	27/07/2007	View of ?cellar	S		MA
11	DIG	II	19	27/07/2007	View of ?cellar	SE		MA
12	DIG			27/07/2007	General shot of site	SE		MA
13	DIG			27/07/2007	General shot of site	S		MA
14	DIG			27/07/2007	General shot of site	SE		MA
15	DIG			27/07/2007	General shot of site	SE		MA
16	DIG			27/07/2007	General shot of site	S		MA
17	DIG	I		26/07/2007	General shot of trench	N		HJ
18	DIG	I		26/07/2007	General shot of trench	N		HJ
19	DIG	I	22	26/07/2007	Close-up of pit	S		HJ
20	DIG			26/07/2007	Working shot	W		MA
21	DIG	II		26/07/2007	Working shot	SE		MA
22	DIG	II		26/07/2007	General shot of trench with 17th c hand-made brick in foreground	S		MA
23	DIG	II	7	26/07/2007	Close-up of wall within cellar structure	S		MA
24	DIG	II	19	26/07/2007	Close-up of cellar in-fill	N		MA
25	DIG	II	5	26/07/2007	Hand-made brick wall at southern end of trench	S		MA

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
26	DIG	III		26/07/2007	General shot of trench	N		MA
27	DIG	IV		26/07/2007	General shot of trench	S		HJ
28	DIG	IV	16,33	26/07/2007	Close up of brick path [16] and flagstones [33]	S		HJ
29	DIG	IV	15	26/07/2007	Working shot, uncovering flagstones	S		HJ
30	DIG	IV	15	26/07/2007	Working shot, uncovering flagstones	E	Note timber in foreground	HJ
31	DIG	V	1,2,3	26/07/2007	General shot of trench	S		HJ
32	DIG	V	1,2,3	26/07/2007	General shot of trench	N		HJ
33	DIG	IV		27/07/2007	General shot of trench	S		HJ
34	DIG	IV	18,34	27/07/2007	View of northern edge of trench showing natural clay [18] and rubble [34]	E	Series of trench IV shots	HJ
35	DIG	IV	34,16,33	27/07/2007	View of rubble with brick surface [16] and flagstones [33] to south	E	Series of trench IV shots	HJ
36	DIG	IV	16,33,32,31	27/07/2007	View of flagstones [31] [33], brick surface [16] and fill [32]	E	Series of trench IV shots	HJ
37	DIG	IV	31,29,30	27/07/2007	View of flagstones [31] with brick walls [29] [309] to south	E	Series of trench IV shots	HJ
38	DIG	IV	29,17,15	27/07/2007	View of brick wall [29] with rubble [17] in background and squared flagstones to south	E	Series of trench IV shots	HJ
39	DIG	IV	29,17,15	27/07/2007	View of brick wall [29] with rubble [17] in background and squared flagstones to south	E	Series of trench IV shots	HJ
40	DIG	IV	15,14,13	27/07/2007	View of flagstones [15] with E-W aligned wall [14] and N-S wall [13] at eastern trench edge	E	Series of trench IV shots	HJ
41	DIG	IV	13,28	27/07/2007	View of N-S aligned wall [13] with brick rubble feature [28] to south in foreground	E	Series of trench IV shots	HJ
42	DIG	IV	28,12	27/07/2007	View of brick rubble feature [28] with E-W aligned wall [12]	E	Series of trench IV shots	HJ
43	DIG	IV	12	27/07/2007	View continuing south from brick wall [12]	E	Series of trench IV shots	HJ
44	DIG	IV	18	27/07/2007	View continuing to southern end of trench	E	Series of trench IV shots	HJ
45	DIG	IV	18	27/07/2007	View continuing to southern end of trench	E	Series of trench IV shots	HJ
46	DIG	IV	18	27/07/2007	View continuing to southern end of trench	E	Series of trench IV shots	HJ
47	DIG	IV	13	27/07/2007	View of N-S aligned brick wall at eastern edge of trench	E		HJ
48	DIG	IV	12	27/07/2007	View of E-W aligned wall [12] in southern area of trench	N		HJ
49	DIG	IV	15	27/07/2007	Detail of flagstones	W		HJ

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
50	DIG	IV	29	27/07/2007	Detail of brickwork	W		HJ
51	DIG	IV	16,33,32	27/07/2007	Detail of brick path [16], flagstones [33] and rubble [32]	W		HJ
52	DIG	IV	16,33,32	27/07/2007	Detail of brick path [16], flagstones [33] and rubble [32]	S		HJ
53	DIG	II		27/07/2007	View of northern end of trench	W	Series of trench II shots	HJ
54	DIG	II	19	27/07/2007	View of northern end of trench showing fill [19] of cellar	W	Series of trench II shots	HJ
55	DIG	II	19	27/07/2007	View of northern end of trench showing fill [19] of cellar	W	Series of trench II shots	HJ
56	DIG	II	19	27/07/2007	View of northern end of trench showing fill [19] of cellar	W	Series of trench II shots	HJ
57	DIG	II	5,6,24,25	27/07/2007	View of southern end of trench showing walls and grey silty fill [25]	N		MA
58	DIG	II	6	27/07/2007	Detail of sandstone wall	W		MA
59	DIG	II	7,19	27/07/2007	Detail of cellar wall [7] and fill [19]	W	Series of trench II shots	HJ
60	DIG	II	8	27/07/2007	Centre of trench showing boulder clay	W	Series of trench II shots	HJ
61	DIG	II	8	27/07/2007	Centre of trench showing boulder clay	W	Series of trench II shots	HJ
62	DIG	II	8	27/07/2007	Centre of trench showing boulder clay	W	Series of trench II shots	HJ
63	DIG	II	8,6	27/07/2007	View of southern end of trench showing wall	W	Series of trench II shots	HJ
64	DIG	II	6,24	27/07/2007	View of southern end of trench showing wall and crushed sandstone fill [24]	W	Series of trench II shots	HJ
65	DIG	II	5	27/07/2007	View of southern edge of trench showing brick wall	W	Series of trench II shots	HJ
66	DIG	II	5	27/07/2007	Detail of brick wall	N		HJ
67	DIG	II		27/07/2007	General shot of trench	N		HJ
68	DIG	III		27/07/2007	General shot of trench	S		HJ
69	DIG	III		27/07/2007	General shot of trench	S		HJ
70	DIG	III		27/07/2007	General shot of trench	N		HJ
71	DIG	III		27/07/2007	General shot of trench	N		HJ
72	DIG	I		27/07/2007	General shot of trench	N		HJ
73	DIG	I		27/07/2007	General shot of trench	S		HJ
74	DIG	II	5	30/07/2007	Detail of brick wall	N		MA
75	DIG	II	6	30/07/2007	Detail of sandstone wall	W		MA
76	DIG	II	24,5	30/07/2007	View of crushed sandstone fill and brick wall	E		MA

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
77	DIG	III		30/07/2007	View of west facing trench section	E		MA
78	DIG	III		30/07/2007	View of west facing trench section	E		MA
79	DIG	III		30/07/2007	View of west facing trench section	E		MA
80	DIG	III		30/07/2007	View of west facing trench section	NE		MA
81	DIG	I	22	31/07/2007	Detail of pit fill showing timber	W		MA
82	DIG	I	22	31/07/2007	Detail of pit fill showing timber	W		MA
83	DIG	IV	15,16,29,30,31,32,33	31/07/2007	Detail of brickwork and flagstone surfaces	SW		MA
84	DIG	IV	16,31,32,33	31/07/2007	Detail of brickwork and flagstone surfaces	W		MA
85	DIG	IV	16,31,32,33	31/07/2007	Detail of brickwork and flagstone surfaces	W		MA
86	DIG	IV	14,15,17,29,30,31	31/07/2007	Detail of brickwork and flagstone surfaces	W		MA
87	DIG	IV	15,14,12	31/07/2007	View of southern half of trench	SW		MA
88	DIG	IV	14,15,17,29,30,31	31/07/2007	Detail of brickwork and flagstone surfaces	W		MA
89	DIG	IV	16,31,32,33	31/07/2007	Detail of brickwork and flagstone surfaces	W		MA
90	DIG	IV		31/07/2007	General shot of trench showing brickwork and flagstone surfaces	S		MA
91	DIG	IV		31/07/2007	General shot of trench showing brickwork and flagstone surfaces	N		MA
92	DIG	I	22,27	01/08/2007	Detail of pit showing timbers	E		MA
93	DIG	I	22,27	01/08/2007	Detail of pit showing timbers	SE		MA
94	DIG	I	168	08/08/2007	Sandstone wall- ?cellar wall in north area of western wing	N		
95	DIG	I	168	08/08/2007	Sandstone wall- ?cellar wall in north area of western wing	N		
96	DIG	I		08/08/2007	Concrete floor- associated with ?bomb shleter in north area of western wing	NW		
97	DIG	I	168	08/08/2007	Sandstone wall- ?cellar wall in north area of western wing	NW		
98	DIG	I		08/08/2007	General view of south area of western wing before excavation	SW		
99	DIG	I		08/08/2007	Working shot- digger	N		
100	DIG			09/08/2007	Concrete floor- associated with ?bomb shleter in north area of western wing	SE		
101	DIG		63	09/08/2007	Flagstone floor in north area of western wing	N		
102	DIG			09/08/2007	Concrete floor and sandstone ?cellar wall in north area of	NW		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
					western wing			
103	DIG			09/08/2007	Concrete floor and sandstone ?cellar wall in north area of western wing	NE		
104	DIG			09/08/2007	General shot of site- danger signs	S		
105	DIG			09/08/2007	General shot of site- danger signs	S		
106	DIG			09/08/2007	General shot of site- fencing	W		
107	DIG			10/08/2007	General shot of site- fencing	S		
108	DIG			10/08/2007	General aerial view of site	S		
109	DIG			10/08/2007	General aerial view of site	SE		
110	DIG	IV	54,63	10/08/2007	View of north western side of trench showing floor surfaces [54] and [63]	W		
111	DIG	?	?	10/08/2007	?	E		
112	DIG			13/08/2007	Working shot- digger	N		
113	DIG	IV	168	15/08/2007	Sandstone wall- ?cellar wall in north area of western wing	N		
114	DIG	IV	168	15/08/2007	Sandstone wall- ?cellar wall in north area of western wing	N		
115	DIG	IV	168	15/08/2007	Sandstone wall- ?cellar wall in north area of western wing	N		
116	DIG			15/08/2007	Flagstone floor in north area of western wing	N		
117	DIG			15/08/2007	Working shot of eastern area trench showing cleaning of floor surfaces	S		
118	DIG			15/08/2007	Working shot of eastern area trench showing cleaning of floor surfaces	S		
119	DIG			15/08/2007	Working shot of eastern area trench showing cleaning of floor surfaces	SW		
120	DIG			15/08/2007	General shot of western area trench	W		
121	DIG			15/08/2007	General shot of western area trench	SW		
122	DIG	IV	45	15/08/2007	Shot of fireplace	N		
123	DIG	IV	45	15/08/2007	Shot of fireplace	N		
124	DIG	IV	45	15/08/2007	Shot of fireplace	N		
125	DIG	IV	45	15/08/2007	Working shot showing fireplace in foreground	NW		
126	DIG			17/08/2007	Aerial working shot of eastern trench showing cleaning of floor	S		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
					surfaces			
127	DIG			17/08/2007	Aerial working shot of eastern trench showing cleaning of floor surfaces	SW		
128	DIG		54,57,66,63,62,61	17/08/2007	General shot of western area of trench showing floor surfaces	W		
129	DIG		54,57,66,63,62,61	17/08/2007	General shot of western area of trench showing floor surfaces	W		
130	DIG			17/08/2007	Working shot of eastern area trench showing cleaning of floor surfaces	SE		
131	DIG			17/08/2007	Working shot of eastern area trench showing cleaning of floor surfaces	E		
132	DIG		54,57,66,63,62,61,64,65,72,58,53	17/08/2007	Aerial shot showing floor surfaces and walls in western area of trench	S		
133	DIG		54,57,66,63,62,61,64,65,72,58	17/08/2007	Aerial shot showing floor surfaces and walls in western area of trench	SE		
134	DIG			17/08/2007	Working shot of eastern area of trench showing cleaning of floor surfaces	SE		
135	DIG		45,39,40,41,42,43,44,36,38	17/08/2007	Working shot of eastern area of trench showing walls	N		
136	DIG		45,39,40,41,42,43,44,36,38	17/08/2007	Working shot of eastern area of trench showing walls	N		
137	DIG			17/08/2007	General shot of western area of trench	NW		
138	DIG			17/08/2007	General shot of south western area of trench	W		
139	DIG		86,91,90	17/08/2007	Working shot showing well [86] and brick walls of eastern wing	N		
140	DIG			20/08/2007	Aerial shot showing cleaning of eastern wing	SE	Series of aerial shots	
141	DIG			20/08/2007	Aerial shot showing cleaning of eastern wing	S	Series of aerial shots	
142	DIG			20/08/2007	Aerial shot showing cleaning of eastern wing	S	Series of aerial shots	
143	DIG			20/08/2007	Aerial shot showing cleaning of eastern wing and western wing	S	Series of aerial shots	
144	DIG			20/08/2007	Aerial shot of western wing	S	Series of aerial shots	
145	DIG			20/08/2007	Aerial shot of western wing	S	Series of aerial shots	
146	DIG			20/08/2007	General aerial view of local area	?	Series of aerial shots	
147	DIG			20/08/2007	General aerial view of local area	?	Series of aerial shots	
148	DIG			20/08/2007	Aerial view showing eastern wing and site's proximity to Boron Road	E	Series of aerial shots	

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
149	DIG			20/08/2007	Aerial view of both the eastern and western wing	S	Series of aerial shots	
150	DIG			20/08/2007	Aerial view of western wing	S	Series of aerial shots	
151	DIG			20/08/2007	Aerial view of western wing	SE	Series of aerial shots	
152	DIG			20/08/2007	Aerial view of eastern wing	S	Series of aerial shots	
153	DIG			20/08/2007	Aerial view of both the eastern and western wing	S	Series of aerial shots	
154	DIG			20/08/2007	Aerial view of western wing	S	Series of aerial shots	
155	DIG			20/08/2007	Aerial view of western wing	S	Series of aerial shots	
156	DIG			20/08/2007	Aerial view of eastern wing	E	Series of aerial shots	
157	DIG			20/08/2007	Aerial view of north area of western wing	S	Series of aerial shots	
158	DIG			20/08/2007	Aerial view of eastern wing	E	Series of aerial shots	
159	DIG			20/08/2007	Aerial view of north area of western wing	S	Series of aerial shots	
160	DIG			20/08/2007	Aerial view of south area of western wing	S	Series of aerial shots	
161	DIG			20/08/2007	Aerial view of south area of western wing showing brick structures	S	Series of aerial shots	
162	DIG			20/08/2007	Aerial view of south area of western wing showing brick structures	S	Series of aerial shots	
163	DIG		66,60,64,65,61,62,63	20/08/2007	Aerial view of north area of western wing showing brick floor surfaces	W	Series of aerial shots	
164	DIG		89,46,45,38,40,41,43,44,36,71,47	20/08/2007	Aerial view of south area of eastern wing showing well, walls and flagstone floor	SE	Series of aerial shots	
165	DIG		89,46,45,38,40,41,43,44,36,71,47	20/08/2007	Aerial view of south area of eastern wing showing well, walls and flagstone floor	E	Series of aerial shots	
166	DIG			20/08/2007	Aerial view of site showing north area of western wing	S	Series of aerial shots	
167	DIG			20/08/2007	Aerial view showing both the eastern and northern wing	S	Series of aerial shots	
168	DIG			20/08/2007	Aerial view showing both the eastern and northern wing	S	Series of aerial shots	
169	DIG			20/08/2007	Working shot- cherry picker	N		
170	DIG			20/08/2007	Working shot- cherry picker	W		
171	DIG	IV	69,67,70,87,88	21/08/2007	Floor surface [87] with metal hearth [88]	E	Series of context shots	
172	DIG	IV	36,37,35,67	21/08/2007	View of flagstone floor [35] and brick floor [37]	N	Series of context shots	
173	DIG	IV	35,36,37,48	21/08/2007	Detail of brick floor [37] and wall [45]	W	Series of context shots	

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
174	DIG	IV	35,49,50,51,92	21/08/2007	Detail of flagstone floor [35] and wall [50]	W	Series of context shots	
175	DIG	IV	94,50,49,95,93,70	21/08/2007	View of drain [94] and flagstone floor in foreground with brick structure [70] in background	S	Series of context shots	
176	DIG	IV	36,41,42,44,45,46	21/08/2007	View of flagstone floor corridor [46] and surrounding walls	W	Series of context shots	
177	DIG	IV	38,39,47	21/08/2007	View of brick wall [38] and clay floor surface [47]	SW	Series of context shots	
178	DIG	IV	158,39,40,45,46,47	21/08/2007	View of clay floor [47] and cut [158] with surrounding walls	W	Series of context shots	
179	DIG	IV	45,46,47,71	21/08/2007	View of clay floor [47] and feature [71] with surrounding walls	N	Series of context shots	
180	DIG	IV	39,40,41,86,90,91	21/08/2007	View of well [86] and modern drain [90] in foreground	N	Series of context shots	
181	DIG	IV	41,42,43	21/08/2007	View of corner where sandstone wall [43] meets brick wall [42]	NE	Series of context shots	
182	DIG	IV	39,40	21/08/2007	View of brick walls	E	Series of context shots	
183	DIG	IV	44,43,46	21/08/2007	View of flagstone floor [46] and its relationship with wall [44]	E	Series of context shots	
184	DIG	IV	53,54,55	21/08/2007	View of concrete floor [54] and brick walls [53] and [55]	W	Series of context shots	
185	DIG	IV	54,55,56,72	21/08/2007	View of brick floor [56] seen below concrete surface [54]	N	Series of context shots	
186	DIG	IV	52,55,57,72,73	21/08/2007	View of brick floor [57] with metal drain grate and brick walls	W	Series of context shots	
187	DIG	IV	54,58,59,60,65,72	21/08/2007	View of brick and concrete floor surfaces in north area of western wing	S	Series of context shots	
188	DIG	IV	60-66	21/08/2007	View of various brick floor surfaces in north area of western wing	S	Series of context shots	
189	DIG	IV	80,81,82,83	21/08/2007	Brick structures in south area of western wing	N	Series of context shots	
190	DIG	IV	80,81,82,83	21/08/2007	Brick structures in south area of western wing	N	Series of context shots	
191	DIG	IV	80,81,82,83	21/08/2007	Brick structures in south area of western wing	E	Series of context shots	
192	DIG	IV	80,81,82,83	21/08/2007	Brick structures in south area of western wing	W	Series of context shots	
193	DIG	IV	36,43,45,46	21/08/2007	View of flagstone corridor [46] after removal of brick wall [44]	E	Series of context shots	
194	DIG	IV	70,87	21/08/2007	View of flagstone [87] after removal of [88]	E	Series of context shots	
195	DIG	IV	36,64,68,70,97	22/08/2007	View of brick walled structure after removal of fill [67]	E	Series of context shots	
196	DIG	IV	36,64,68,70,97	22/08/2007	View of brick walled structure after removal of fill [67]	E	Series of context shots	
197	DIG	IV	63,62,61,66,65,64,58,54,57	22/08/2007	View of various brick and concrete surfaces in north area of western wing	W	Series of context shots	
198	DIG	IV	63,62,61,66,65,64,58,54,57	22/08/2007	View of various brick and concrete surfaces in north area of western wing	SW	Series of context shots	

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
199	DIG	IV	54,58,57,72,56,59	22/08/2007	View of various brick and concrete surfaces in north area of western wing	S	Series of context shots	
200	DIG	IV	54,58,57,72,56,55	22/08/2007	View of various brick and concrete surfaces in north area of western wing	S	Series of context shots	
201	DIG	IV	54,58,66,64,61,60	22/08/2007	View of various brick and concrete surfaces in north area of western wing	S	Series of context shots	
202	DIG	IV	63,62,61,65,64,66	22/08/2007	View of various brick and concrete surfaces in north area of western wing	S		
203	DIG	IV		22/08/2007	Working shot of north area of eastern wing with south area of western wing in background	SW		
204	DIG	IV		22/08/2007	Working shot of south area of eastern wing	SW		
205	DIG	IV		22/08/2007	Working shot of south area of western wing	NE		
206	DIG	IV		22/08/2007	Working shot of south area of western wing with north area of eastern wing in foreground	NE		
207	DIG	IV		22/08/2007	Working shot of south area of western wing with north area of western wing in foreground	N		
208	DIG	IV	36,68,70,97	22/08/2007	View of brick structure after removal of fill [67] and wall [69]	E	Series of context shots	
209	DIG	IV	85	22/08/2007	View of well and associated features	SE	Series of context shots	
210	DIG	IV	85	22/08/2007	View of well and associated features	N	Series of context shots	
211	DIG	IV	75	22/08/2007	Sandstone linear rubble feature, possible foundation for wall	W	Series of context shots	
212	DIG	IV	80,82,99	22/08/2007	Brick drain [80][82] with charcoal rich fill [99]	W	Series of context shots	
213	DIG	IV	80,82,99	22/08/2007	Brick drain [80][82] with charcoal rich fill [99]	W	Series of context shots	
214	DIG	IV	68,70,36	22/08/2007	View of brick structure [68] [70] [36] after removal of brick floor, fill [67] and wall [69]	E	Series of context shots	
215	DIG	IV		22/08/2007	View of north area of eastern wing after removal of flagstones [35] and bricks [37]	W		
216	DIG	IV		22/08/2007	View of north area of eastern wing after removal of flagstones [35] and bricks [37]	S		
217	DIG	IV	80,82,99	22/08/2007	Brick drain [80][82] with charcoal rich fill [99]	W		
218	DIG	IV	116,149,139,112,114	22/08/2007	View of cut features within floor [114]	S		
219	DIG	IV	116,149,139,112,114	22/08/2007	View of cut features within floor [114]	S		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
220	DIG	IV	56	23/08/2007	View of brick surface [56] after removal of concrete [54]	SW	Series of context shots	
221	DIG	IV	56,59,72	23/08/2007	Aerial close up of brick surface [56] after removal of concrete [54]	S		
222	DIG	IV	56,59,72	23/08/2007	Aerial close up of brick surface [56] after removal of concrete [54]	S	Series of context shots	
223	DIG	IV	56,53,55	23/08/2007	Aerial close up of brick surface [56] after removal of concrete [54] shows drain cut	S	Series of context shots	
224	DIG	IV	56,53,55	23/08/2007	Aerial close up of brick surface [56] after removal of concrete [54] shows drain cut	S		
225	DIG	IV	80,82,107,74	23/08/2007	Grey subsoil [74] with drain feature [80][82] and charcoal fill [107]	W	Series of context shots	
226	DIG	IV	106,108	23/08/2007	View of floor surface after removal of flagstones [46]	W	Series of context shots	
227	DIG	?	?	23/08/2007	?	?	Very Blurred	
228	DIG	IV	106,108	23/08/2007	Close up view of floor surface after removal of flagstones [46]	W	Series of context shots	
229	DIG	IV	106,108	23/08/2007	Detailed close up view of floor surface after removal of flagstones [46]	W	Series of context shots	
230	DIG	IV	105,98	23/08/2007	Shallow cut containing fragmented sandstone	W	Series of context shots	
231	DIG	IV	45	23/08/2007	Detailed close up of brick wall [45] after removal of fire place	N	Series of context shots	
232	DIG	IV	45	23/08/2007	Detailed close up of brick wall [45] after removal of fire place	N	Series of context shots	
233	DIG	IV	45	23/08/2007	View of brick wall [45] after removal of fire place and flagstone floor [46]	N	Series of context shots	
234	DIG	IV	116,149,139,112,114	23/08/2007	View of floor [114] and cut features after removal of [35], [37] and [46]	S		
235	DIG	IV	117,47	23/08/2007	[47] and [45] after removal of fireplace	N	Series of context shots	
236	DIG	IV	107,74	23/08/2007	Grey subsoil [74] with charcoal fill [107] associated with drain [80][82]	E	Series of context shots	
237	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S	Series of context shots	
238	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S		
239	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S		
240	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S		
241	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
242	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	N		
243	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	N		
244	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	N		
245	DIG	IV	119,120,121,122	23/08/2007	Floor surface after removal of upper floor surfaces [54], [61], [62] and [63]	W	Series of context shots	
246	DIG	IV	38,47	23/08/2007	Section cut through wall [38]	E	Series of context shots	
247	DIG	IV	123	24/08/2007	Floor surface after removal of upper floor surfaces [57] and [58]	W		
248	DIG	IV	124,125,107	24/08/2007	Drain with pebble lining [124] and fills [125] and [107]	E	Series of context shots	
249	DIG	IV	116	24/08/2007	Pit after removal of basket	N	Series of context shots	
250	DIG	IV	131,39,71,47	24/08/2007	Section cut through wall [39] showing dark clay layer [131] below wall	NW	Series of context shots	
251	DIG	IV	131,39,71,47	24/08/2007	Section cut through wall [39] showing dark clay layer [131] below wall	NE	Series of context shots	
252	DIG	IV	132,137	30/08/2007	Brick floor surface below [66]	W		
253	DIG	IV		30/08/2007	Working shot- north area of western wing	W	17th c clay pipe came from this area	
254	DIG	IV		30/08/2007	Working shot- north area of western wing	W	17th c clay pipe came from this area	
255	DIG	IV	164,165,166,53,55	30/08/2007	Floor surface and pit below [56]	W	17th c clay pipe came from this area	
256	DIG	IV	164,165,166,53,55	30/08/2007	Floor surface and pit below [56]	W	17th c clay pipe came from this area	
257	DIG	IV	164,165,166,53,55	30/08/2007	Floor surface and pit below [56]	N	17th c clay pipe came from this area	
258	DIG	IV	164,165,166,53,55	30/08/2007	Floor surface and pit below [56]	N	17th c clay pipe came from this area	
259	DIG	IV	164,165,166,53,55	30/08/2007	Floor surface and pit below [56]	E	17th c clay pipe came from this area	
260	DIG	IV	164,165,166,53,55	30/08/2007	Floor surface and pit below [56]	E	17th c clay pipe came from this area	

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
261	DIG	IV	167,168,169	30/08/2007	Construction cut for cellar wall [168]	W		
262	DIG	IV	167,168,169	30/08/2007	Construction cut for cellar wall [168]	W		
263	DIG	IV	167,168,169	30/08/2007	Construction cut for cellar wall [168]	W		
264	DIG	IV	167,168,169	30/08/2007	Construction cut for cellar wall [168]	W		
265	DIG	IV	163,170,171,172	30/08/2007	Area of deposit containing high volume of ceramics next to wall [163]	W		
266	DIG	IV	163,170,171,172	30/08/2007	Area of deposit containing high volume of ceramics next to wall [163]	W		
267	DIG	IV	169,167,164	30/08/2007	Red flagstones [164] butting against inner cellar wall, and construction cut for cellar wall [168]	E		
268	DIG	IV	169,167,164	30/08/2007	Red flagstones [164] butting against inner cellar wall, and construction cut for cellar wall [168]	E		
269	DIG	IV	132,137	30/08/2007	Working shot- brick floor surface below [66]	E		
270	DIG	IV	132	30/08/2007	Floor surface below [66]	N		
271	DIG	IV	132	30/08/2007	Floor surface below [66]	W		
272	DIG	IV	132	30/08/2007	Floor surface below [66]	W		
273	DIG	IV		21/08/2007	View of south area of western wing	N		
274	DIG	IV	80,81,82,83	21/08/2007	Brick structures	E		
275	DIG	IV	85	22/08/2007	Detailed shot of well	N		
276	DIG	IV	75	22/08/2007	Linear feature of sandstone fragments- possible wall foundation	W		
277	DIG	IV	100,101	22/08/2007	Floor surface after removal of brick [37] and flagstones [35]	W		
278	DIG	?	?	01/08/2007	?	W		
279	DIG	?	?	30/08/2007	?	?		
280	DIG			28/08/2007	Concrete ?bombshelter in north part of western wing	W		
281	DIG	IV	58,54,59,60,61,64,66,72	22/08/2007	Various floor surfaces and walls in the north area of western wing	S		
282	DIG	IV	66,65,64,61,62,63	22/08/2007	Various floor surfaces and walls in the north area of western wing	S		
283	DIG	IV	56	23/08/2007	Brick floor surface	S		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
284	DIG	IV	80,82,74,107	23/08/2007	Grey subsoil [74] with drain feature [80][82] and charcoal fill [107]	W		
285	DIG	IV	106,108	23/08/2007	Close up view of floor surface after removal of flagstones [46]	W	Series of context shots	
286	DIG	IV	45	23/08/2007	Detailed close up of brick wall [45] after removal of fire place	N	Series of context shots	
287	DIG	IV	45	23/08/2007	View of brick wall [45] after removal of fire place and flagstone floor [46]	N	Series of context shots	
288	DIG	IV	117,47	23/08/2007	[47] and [45] after removal of fireplace	N	Series of context shots	
289	DIG	IV	116,118	23/08/2007	Close up of basket	SW		
290	DIG	IV	107,125,124	24/08/2007	Pebble lining of drain [124] with fills [107] and [125]	E	Series of context shots	
291	DIG	IV	131,39,71,47	24/08/2007	Section cut through wall [39] showing dark clay layer [131] below wall	NW	Series of context shots	
292	DIG	IV	131,39,71,47	24/08/2007	Section cut through wall [39] showing dark clay layer [131] below wall	NE	Series of context shots	
293	DIG	IV	107,76,124	28/08/2007	Drain with pebble lining [124] and sandstone linear feature alongside it [76] with fill [107]	E	Series of context shots	
294	DIG	IV	107,76,124	28/08/2007	Drain with pebble lining [124] and sandstone linear feature alongside it [76] with fill [107]	N	Series of context shots	
295	DIG	IV	126,127,128,129	28/08/2007	View of brick and flag surface- hearth- after removal of [70]	E	Series of context shots	
296	DIG	IV	126,127,128,129	28/08/2007	View of brick and flag surface- hearth- after removal of [70]	E	Series of context shots	
297	DIG	IV	155	28/08/2007	Floor surface below [66]	W	Series of context shots	
298	DIG	IV	156	28/08/2007	Floor surface below [66]	S	Series of context shots	
299	DIG	IV	136,130,134	28/08/2007	Floor surface below [63],[62] and [61]	W	Series of context shots	
300	DIG	IV	71,47,39	28/08/2007	View of south area of eastern wing after removal of [71]	N	Series of context shots	
301	DIG	IV	42	28/08/2007	Section cut through wall [42]	N	Series of context shots	
302	DIG	IV	112	28/08/2007	Cut [112] within the north area of eastern wing	E	Series of context shots	
303	DIG	IV	138,4,47	28/08/2007	Cut [138] within the south area of eastern wing	NW	Series of context shots	
304	DIG	IV	139	28/08/2007	Shallow circular pit, contained slate fragments	N	Series of context shots	
305	DIG	IV	36	28/08/2007	Section cut through wall [36]	SW	Series of context shots	
306	DIG	IV	133,76,124	28/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	N	Series of context shots	

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
307	DIG	IV	133,76,124	28/08/2007	Close up of pebble lined drain [124] and sandstone linear feature alongside it [76]	N	Series of context shots	
308	DIG	IV	133,76,124	28/08/2007	Detailed close up of pebble lined drain [124] and sandstone linear feature alongside it [76]	N	Series of context shots	
309	DIG	IV	140,141	28/08/2007	Two cut features within floor surface- possibly associated with an earlier wall	N	Series of context shots	
310	DIG	IV	68,129	28/08/2007	Fireplace at north area of eastern wing after removal of [70]	E	Series of context shots	
311	DIG	IV	140	28/08/2007	Two cut features within floor surface	N	Series of context shots	
312	DIG	IV	140	28/08/2007	Two cut features within floor surface	W	Series of context shots	
313	DIG	IV	68,129	28/08/2007	View of wall [68] and fireplace after removal of [70]	E	Series of context shots	
314	DIG	IV	68,129	28/08/2007	View of wall [68] and fireplace after removal of [70]	E	Series of context shots	
315	DIG		142	28/08/2007	Brick wall in most southerly area of trench	N	Series of context shots	
316	DIG	IV	4,65,137	29/08/2007	Shot of sandstone wall [65] after partial excavation	S	Series of context shots	
317	DIG	IV	114,104,109	29/08/2007	View of two cut features and their relationship within floor	S	Series of context shots	
318	DIG	IV	145,146	29/08/2007	Linear features filled with brown/green clay [145] with sandstone rubble [146]	N	Series of context shots	
319	DIG	IV	145,146	29/08/2007	General shot showing linear features filled with brown/green clay [145] with sandstone rubble [146]	N		
320	DIG	IV	152-156,119	29/08/2007	Flagstone fragments [155] and brick wall [152]	E	Series of context shots	
321	DIG	IV	152-156,119	29/08/2007	Flagstone fragments [155] and brick wall [152]	E	Series of context shots	
322	DIG	IV	94,157,158	29/08/2007	Section cut through drain [94] and its associated features	S	Series of context shots	
323	DIG	IV	94,157,158,160	29/08/2007	Section cut through drain [94] and its associated features	W	Series of context shots	
324	DIG	IV	153	29/08/2007	Leaded window pain found in eastern wing	N	Series of context shots	
325	DIG		142	29/08/2007	Section cut through wall [142]	N	Series of context shots	
326	DIG		142	29/08/2007	Section cut through wall [142]	NE	Series of context shots	
327	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	N	Series of context shots	
328	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	W		
329	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	W		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
330	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	W		
331	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	W		
332	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	W		
333	DIG	IV	76,124	29/08/2007	Pebble lined drain [124] and sandstone linear feature alongside it [76]	W		
334	DIG	IV	161,162	29/08/2007	Section cut through drain [94] and its associated features	E	Series of context shots	
335	DIG	IV	161,162	29/08/2007	Section cut through drain [94] and its associated features	E	Series of context shots	
336	DIG	IV	56	23/08/2007	Brick floor surface below [54]	S		
337	DIG	IV	123	24/08/2007	Floor surface below [57]	E		
338	DIG	IV		22/08/2007	General view of site looking north east	NE		
339	DIG	IV	116,149,139,112,114	23/08/2007	View of cut features within floor surface [114]	SW		
340	DIG	IV	56	23/08/2007	Brick floor surface below [54]	SW		
341	DIG	IV	116,149,139,112,114	22/08/2007	View of cut features within floor surface [114]	SW		
342	DIG	IV	116,149,139,112,114	22/08/2007	View of cut features within floor surface [114]	SW		
343	DIG	IV		22/08/2007	Working shot showing western wing	N		
344	DIG	IV	148	29/08/2007	Wooden floor structure [148] below concrete basement	W		
345	DIG	IV	148	29/08/2007	Wooden floor structure [148] below concrete basement	W		
346	DIG	IV	147,148	29/08/2007	Large sandstone blocks [147] found with wooden floor joists [148] below concrete ?bombshelter	N		
347	DIG	IV	147,148	29/08/2007	Large sandstone blocks [147] found with wooden floor joists [148] below concrete ?bombshelter	N		
348	DIG	IV	147,148	29/08/2007	Large sandstone blocks [147] found with wooden floor joists [148] below concrete ?bombshelter	N		
349	DIG	IV	148	29/08/2007	Wooden floor structure [148] below concrete ?bombshelter	W		
350	DIG			22/08/2007	Working shot showing south area of eastern wing	SW		
351	DIG	IV	100	22/08/2007	Eastern wing after removal of flagstones [35] and brick floor [37]	S		
352	DIG			22/08/2007	Working shot of south area of western wing	NE		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
353	DIG			22/08/2007	Working shot of south area of eastern wing	SW		
354	DIG			29/08/2007	Working shot showing excavation of basement in north area of western wing	W		
355	DIG	IV	148	29/08/2007	Wooden floor structure [148] below concrete ?bombshelter	W		
356	DIG	IV	147,148	29/08/2007	Large sandstone blocks [147] found with wooden floor joists [148] below concrete ?bombshelter	S	Series of context shots	
357	DIG	IV	70,87	21/08/2007	View of flagstone [87] after removal of [88]	E	Series of context shots	
358	DIG	IV	35,36,37,67	21/08/2007	Brick and flagstone floor surfaces in north area of eastern wing	N	Series of context shots	
359	DIG	IV	35,36,37,48	21/08/2007	Brick and flagstone floor surfaces in north area of eastern wing	W	Series of context shots	
360	DIG	IV	35,49,50,51,92	21/08/2007	Brick and flagstone floor surfaces in north area of eastern wing	W	Series of context shots	
361	DIG	IV	49,50,93,94,95,49	21/08/2007	Brick and flagstone floor surfaces in north area of eastern wing with drain [94] in foreground	S	Series of context shots	
362	DIG	IV	38,39,47	21/08/2007	Brick walls and floor of south area of western wing	SW	Series of context shots	
363	DIG	IV	39,40,45,46,47	21/08/2007	South room of eastern wing	W	Series of context shots	
364	DIG	?	?	30/08/2007	?	?		
365	DIG	IV	54,55,56,72	21/08/2007	Brick floor [56] appearing below concrete floor [54]	N	Series of context shots	
366	DIG	IV	52,55,57,72,73	21/08/2007	Brick floor [57] with metal drain grate	W	Series of context shots	
367	DIG	IV	58,54,59,60,65,72	21/08/2007	Various floor surfaces and walls in the north area of western wing	S	Series of context shots	
368	DIG	IV	60-66	21/08/2007	View of various brick floor surfaces in north area of western wing	S	Series of context shots	
369	DIG	IV	80,81,82,83	21/08/2007	Brick structures in south area of western wing	N	Series of context shots	
370	DIG	IV	80,81,82,83	21/08/2007	Brick structures in south area of western wing	W	Series of context shots	
371	DIG	IV	36,43,45,46	21/08/2007	View of flagstone corridor [46] after removal of brick wall [44]	E	Series of context shots	
372	DIG	IV	36,64,68,70,97	22/08/2007	View of brick walled structure after removal of fill [67]	E	Series of context shots	
373	DIG	IV	66,58,64,60,54,57	22/08/2007	Various brick floor surfaces in north area of western wing	W		
374	DIG	IV	66,58,64,60,54,57	22/08/2007	Various brick floor surfaces in north area of western wing	N		
375	DIG	IV	36,68,70,97	22/08/2007	View of brick structure after removal of fill [67] and wall [69]	E	Series of context shots	
376	DIG	IV	85	22/08/2007	Shot of well	S	Series of context shots	
377	DIG	IV	80,82,99	22/08/2007	Brick drain [80][82] with charcoal rich fill [99]	W	Series of context shots	

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
378	DIG	IV	80,82,99	22/08/2007	Brick drain [80][82] with charcoal rich fill [99]	W	Series of context shots	
379	DIG	IV	68,70,36	22/08/2007	View of brick structure [68] [70] [36] after removal of brick floor, fill [67] and wall [69]	E	Series of context shots	
380	DIG	IV	80,82,99	22/08/2007	Brick drain [80][82] with charcoal rich fill [99]			
381	DIG	IV	56	23/08/2007	View of brick floor after removal of concrete floor [54]	S		
382	DIG	?	?	23/08/2007	?	?	Very blurred	
383	DIG	?	?	30/07/2007	?	?		
384	DIG	IV	16,33	31/07/2007	Close up of brick path [16] and flagstones [33]	S		
385	DIG	IV	36,64,68,70,97	22/08/2007	View of brick walled structure after removal of fill [67]	E		
386	DIG	IV	66,58,64,60,54,57	22/08/2007	Various brick floor surfaces in north area of western wing	SW		
387	DIG	IV	45,46,47,71	21/08/2007	View of clay floor [47] and feature [71] with surrounding walls	N		
388	DIG	IV	57,72,55,56,54	22/08/2007	Various floor surfaces in north area of western wing	S		
389	DIG	IV	56	23/08/2007	Brick floor [56] after removal of concrete surface [54] shows drain cut	S		
390	DIG	IV	106,108	23/08/2007	Hard yellow clay [106] below flagstones [46] and sand [101] with brick wall foundation [108]	W	Series of context shots	
391	DIG	IV	106,108	23/08/2007	Hard yellow clay [106] below flagstones [46] and sand [101] with brick wall foundation [108]	E	Series of context shots	
392	DIG	IV	105,98	23/08/2007	Cut containing sandstone fragments [105] and adjacent cut [98]	W	Series of context shots	
393	DIG	IV	39,40,41,86,90,91	21/08/2007	View of well [86] and its associated features with modern drain [90] in foreground	N	Series of context shots	
394	DIG	IV	45	23/08/2007	Detailed close up of brick wall [45] after removal of fire place	N	Series of context shots	
395	DIG	IV	107,74	23/08/2007	Grey subsoil [107] and charcoal fill [74] associated with drain [80][82]	E	Series of context shots	
396	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S	Series of context shots	
397	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S	Series of context shots	
398	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S		
399	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	N		
400	DIG	IV	116,118	23/08/2007	Close up view of basket [118] within floor surface [114]	S		

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
401	DIG	IV	41,42,43	21/08/2007	View of corner where sandstone wall [43] meets brick wall [42]	NE	Series of context shots	
402	DIG	IV	116,118	23/08/2007	Close up view of basket within floor surface	S		
403	DIG	IV	116,118	23/08/2007	Close up view of basket within floor surface	N		
404	DIG	IV	119,120,121,122	23/08/2007	Floor surface after removal of upper floor surfaces [54], [61], [62] and [63]	W	Series of context shots	
405	DIG	IV	38,47	23/08/2007	Section cut through wall [38]	E	Series of context shots	
406	DIG	IV	116	24/08/2007	Pit after removal of basket	N	Series of context shots	
407	DIG	IV	53,54,55	21/08/2007	View of concrete floor [54] and brick walls [53] and [55]	W	Series of context shots	
408	DIG	?	?	01/08/2007	?	?		
409	DIG	IV	70,87	21/08/2007	View of flagstone [87] after removal of [88]	E	Series of context shots	
410	DIG	IV	36,41,42,44,45,46	21/08/2007	View of flagstone floor corridor [46] and surrounding walls	W	Series of context shots	
411	DIG	IV	67,69,70,87,88	21/08/2007	Floor surface [87] with metal hearth [88] and associated walls	E	Series of context shots	
412	CP			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
413	CP			20/08/2007	Aerial view of eastern wing showing floor surfaces and walls	S	Series of aerial shots	MA
414	CP			20/08/2007	Aerial view of north western wing showing floor surfaces and walls	S	Series of aerial shots	MA
415	CP			20/08/2007	Aerial view of south western wing showing drain feature	S	Series of aerial shots	MA
416	CP			20/08/2007	Aerial view of eastern wing showing floor surfaces and walls	S	Series of aerial shots	MA
417	CP			20/08/2007	Aerial view of eastern wing showing floor surfaces and walls	S	Series of aerial shots	MA
418	CP			20/08/2007	Aerial view of central area of site, also shows part of eastern wing	S	Series of aerial shots	MA
419	CP			20/08/2007	Aerial view of far southern side of site	S	Series of aerial shots	MA
420	CP			20/08/2007	General aerial view of Newton Le Willows	SE	Series of aerial shots	MA
421	CP			20/08/2007	General aerial view of Newton Le Willows	NE	Series of aerial shots	MA
422	CP			20/08/2007	General aerial view of 'The Old Crow Inn'	SE	Series of aerial shots	MA
423	CP			20/08/2007	General aerial view of Newton Le Willows	N	Series of aerial shots	MA
424	CP			20/08/2007	General aerial view of Newton Le Willows	N	Series of aerial shots	MA
425	CP			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
426	CP			20/08/2007	Aerial view of eastern wing showing floor surfaces and walls	S	Series of aerial shots	MA

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
427	CP			20/08/2007	Aerial view of central area of site, also shows part of eastern and western wing	S	Series of aerial shots	MA
428	CP			20/08/2007	Aerial view of north western wing showing floor surfaces and walls	S	Series of aerial shots	MA
429	CP			20/08/2007	Aerial view of western area of site	S	Series of aerial shots	MA
430	CP			20/08/2007	Working shot- cleaning the south western area of site	S		MA
431	CP			20/08/2007	Working shot- cleaning the south western area of site	S		MA
432	CP			20/08/2007	Working shot- cleaning the south western area of site	S		MA
433	CP			20/08/2007	View of flagstone floor in northern room of eastern wing	S		MA
434	CP			20/08/2007	View of flagstone corridor and brick walls in eastern wing	W		MA
435	CP			20/08/2007	View of flagstone corridor and brick walls in eastern wing	W		MA
436	CP			20/08/2007	View across clay floor in southern room of eastern wing	NW		MA
437	CP			20/08/2007	View of small brick fire place in southern room of eastern wing	N		MA
438	CP			20/08/2007	View of eastern wing	N		MA
439	CP			20/08/2007	View of sandstone cellar wall in north area of western wing	NW		MA
440	CP			20/08/2007	Working shot- cleaning south western area	W		MA
441	CP			20/08/2007	Working shot- cleaning south western area	NW		MA
442	CP			20/08/2007	View of southern area of western wing showing drain feature	N		MA
443	CP			20/08/2007	View of sandstone cellar wall in northern area of western wing	N		MA
444	CP			20/08/2007	View of sandstone cellar wall in northern area of western wing	N		MA
445	CP			20/08/2007	View of northern area of western wing showing floor surfaces and walls	W		MA
446	CP			20/08/2007	View of northern area of western wing showing floor surfaces and walls	S		MA
447	CP			20/08/2007	View of northern area of western wing showing floor surfaces and walls	S		MA
448	CP			20/08/2007	Working shot- cleaning south western area	S		MA
449	BW			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
450	BW			20/08/2007	Aerial view of eastern wing showing floor surfaces and walls	S	Series of aerial shots	MA
451	BW			20/08/2007	Aerial view of westernw wing showing drain and floor surfaces	S	Series of aerial shots	MA

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
452	BW			20/08/2007	Aerial view of westernw wing showing drain and floor surfaces	S	Series of aerial shots	MA
453	BW			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
454	BW			20/08/2007	Aerial view of eastern wing of site showing walls and floor surfaces	S	Series of aerial shots	MA
455	BW			20/08/2007	Aerial view of north western wing	S	Series of aerial shots	MA
456	BW			20/08/2007	Aerial view of eastern wing showing walls and floor surfaces	S	Series of aerial shots	MA
457	BW			20/08/2007	Aerial view of north western wing	S	Series of aerial shots	MA
458	BW			20/08/2007	Aerial view of north western wing	S	Series of aerial shots	MA
459	BW			20/08/2007	Aerial view of north western wing	S	Series of aerial shots	MA
460	BW			20/08/2007	Aerial view of south western wing showing drain feature	S	Series of aerial shots	MA
461	BW			20/08/2007	Aerial view of south western wing showing drain feature	S	Series of aerial shots	MA
462	BW			20/08/2007	Aerial view of north western wing- close up of brick floor surfaces	W	Series of aerial shots	MA
463	BW			20/08/2007	Aerial view of south eastern wing	S	Series of aerial shots	MA
464	BW			20/08/2007	Aerial view of south eastern wing	S	Series of aerial shots	MA
465	BW			20/08/2007	Aerial view of south eastern wing	S	Series of aerial shots	MA
466	BW			20/08/2007	Aerial view of north western wing	S	Series of aerial shots	MA
467	BW			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
468	BW			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
469	BW			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
470	BW			20/08/2007	Aerial view of site	S	Series of aerial shots	MA
471	BW			20/08/2007	Working shot- cherry picker	NW		MA
472	BW			20/08/2007	Working shot- cherry picker	NW		MA
473	BW			20/08/2007	View across floor surfaces in north western wing	W		MA
474	BW				Working shot- cutting sections in the south western area	SW		MA
475	BW				Working shot- cleaning the well	S		MA
476	BW				Working shot- cutting sections in the south western area	NW		MA
477	BW				Working shot- cleaning the north eastern wing	W		MA
478	BW				Working shot- cleaning the well	SW		MA

Cat	Film	Area	Context	Date	Description	Direction	Notes	Taken By
479	BW							MA

Appendix B: Project Design for an Archaeological Investigation on Land at Crow Lane, Newton-Le-Willows, St. Helens, Merseyside

A1.1 Introduction

- 1.1. This project design relates to land at Crow Lane, Newton-Le-Willows, St. Helens, Merseyside and was produced for Pinetree Developments (hereafter the client) and is valid for a period of six months from 28th of June 2007. It was produced in the light of consultation with the Merseyside Archaeology Service.
- 1.2. The site lies to the west of Newton-le-Willows on Crow Lane at its junction with Borron Avenue at NGR SJ 579 957 (Fig. 1). It was formerly occupied by office accommodation constructed in the 1960s or 1970s. These have since been demolished.
- 1.3. Crow Hall (formerly Crowe Hall or White Cross Hall) was probably one of the oldest houses in the township of Newton-le-Willows (formerly Newton-in-Makerfield). Lane (1914) describes it as 'formerly a moated grange' possibly the 'abode of the serjeant (or bailiff) of the Lord of the Manor. The Serjeant family of Newton-le-Willows is mentioned in documentary sources from the late 13th century onwards, though the first time they are directly associated with Crow Hall is in a lease of 1556 from John Serjeant to Peter Legh (ibid). The Serjeant family remained in Newton until the late 17th century but seem to have lost ownership of the house, for in 1673 the Hall was sold by William Blackburne to John Stirrup of Newton. Forty years later it was sold to Peter Legh of Lyme (ibid).
- 1.4. The Hall is depicted on mapping from the mid-18th century onwards. By the late 19th century it had been divided into three separate units (Fig. 2) which Lane records as workshops and houses. In addition to the Hall this map depicts a range of outbuildings to its rear. At this time the Hall was leased by Pilkingtons (Lane 1914).
- 1.5. Historic plans and photographs (Figs. 2, 3 and 4) show a multi-gabled building based upon a central range with side wings to either side. The central range appears to be timber framed whilst the two side wings are either rendered over timber framing or constructed in brick or stone. At least one of the gables on the central range probably relates to an entrance to the building. Assuming that this building follows the normal pattern, the central range will have contained a 'Great Hall' and/or private rooms, one of the side wings will have contained further private accommodation and the other wing ancillary rooms such as the parlour, buttery and kitchen. Buildings in this style typically date to the early 16th to late 17th century on Merseyside. However, a detail of the front of the building (Fig. 4) shows windows arranged over two floors, an arrangement which suggests a date at the alter end of this range. Some of the timber framing shown on this view appears to be in fact cladding. The Tithe Map of 1839 shows the Hall apparently set within a square or rectangular plot measuring c. 40 x 40 m. The boundaries of this plot may be the moat mentioned by Lane. Map evidence suggests that the Hall was demolished in the 1930s.

1.6. In summary documentary, map and photographic evidence suggest that there has been a building on the Crow Hall site since at least the late 13th century, though the only directly datable structure appears to date to the 16th -17th century. Sites of this type are relatively rare in the North-West of England and despite recent fieldwork remain relatively poorly understood.

1.7. This project aims to assess the following:

- The survival, nature and extent of deposits relating to Crow Hall and any earlier structures on the site.
- The potential for artefactual evidence on the site, particularly medieval and early post-medieval ceramics.
- The survival, nature and extent of deposits relating to the moat which may once have formed the plot boundary.

Methods Statement

Fieldwork

1.8. In summary the on site works are to consist of the following:

- The excavation of six evaluation trenches on and around the site of Crow Hall as determined from historic mapping. These are aimed at assessing the survival of deposits relating to the hall and its possible moat.
- Because of the nature of the site it is proposed (subject to consultation with the Merseyside Archaeological Officer) to proceed directly to full excavation of any deposits found.
- Any second phase of work will require revised costings to be produced.

1.9. Because the Hall is depicted on the OS map sequence for the area it has been possible to accurately determine its position in relation to the proposed development (Fig. 5). Initially a total of seven trenches, each measuring c. 2 m x 10 m will be opened in order to evaluate the Hall and the possible moat boundary (Fig. 6).

1.10. All trenches for the excavation are to be opened using mechanical plant to the upper surface of undisturbed archaeological deposits. All subsequent excavation is to be by hand. There is presently no provision for preservation *in situ*. Any proposals for preservation *in situ* will be discussed with the client and the Merseyside Archaeology Service.

1.11. In general it is anticipated that the majority of the trenches will be shallow, being no more than 0.3-0.5 m deep with local areas of excavation being up to 1m deep. The only potentially deeper trenches are those along the line of the possible moat. The sides of these will be stepped back as required in order to maintain safe access to the trench.

1.12. In order to allow the remains of masonry and floor surfaces to be more accurately and quickly recorded on site it is proposed to produce a topographic survey of key points using a total station EDM linked to a pen PC running

Penmap. This survey will then be used to produce detail plans from rectified digital images taken from a vertical viewpoint.

- 1.13. All subsequent drawings, for example of sections across features, cut features etc. are to be conventionally produced by hand.
- 1.14. All finds will be exposed, lifted, cleaned, conserved, marked, bagged and boxed in accordance with the United Kingdom Institute for Conservation (UKIC) Excavated Artefacts and Conservation; UK Sites – Conservation Guidelines No.1 (revised Ed. 2001) and First Aid For Finds, 1998 (new edition) and the recipient museum's guidelines.
- 1.15. Any finds of human remains will be left in situ, covered and protected and the appropriate authorities informed. If removal is essential it can only take place under appropriate Home Office and environmental health regulations, and if appropriate, in compliance with the 'Disused Burial Grounds (Amendment) Act, 1981.
- 1.16. All finds which may constitute 'treasure' under the Treasure Act, 1997 must be removed to a safe place and reported to the local Coroner. Where removal cannot take place on the same working day as discovery, suitable security will be taken to protect the finds from theft.
- 1.17. All identified finds and artefacts will be retained, although certain classes of building material can sometimes be discarded after recording if an appropriate sample the recipient museum's archive curator.
- 1.18. Environmental sampling will be conducted according to the recommendations in the 'Working Papers of the Association for Environmental Archaeology, Number 2. Environmental Archaeology and Archaeological Evaluations, September 1995 (internet version on line at <http://www.envarch.net/publications/papers/evaluations.html>) and in English Heritage guidance 'Environmental Archaeology' 2002 (01).
- 1.19. Environmental sampling and basic analysis (presence/ absence of significant material and potential) of suitable deposits will be carried out to enable their date, nature, extent and condition to be described and analysed. Samples will be taken from the fills of features where organic materials may be preserved, such as pits, ditches and other deposits, especially if waterlogged.
- 1.20. Samples of at least 10 l by volume (or 100% of smaller contexts) will be taken of all contexts. These will be stored either in plastic uPVC sealable containers or double bagged in sturdy plastic sacks. A selection of samples (minimum 10, maximum 150) will be submitted for assessment, probably by ARCUS (University of Sheffield) or a similar specialist contractor. The selection of samples for assessment will be discussed with the contractor following completion of on site works.
- 1.21. Reinstatement of the land is to be the client's responsibility but is to be undertaken under archaeological supervision as part of the Watching Brief.

Post-Excavation

- 1.22. The fieldwork will be followed by a programme of post-excavation assessment of the excavated assemblage to allow the production of a project design and costs for production of a full report if required relevant to the results of fieldwork.
- 1.23. Reporting will be conducted according to the framework laid out below. The client will be informed verbally as soon as possible of any likely additional mitigation strategies which may be required and a short written statement issued within 1 week of the completion of on site works.
- 1.24. Evaluation statement/interim – provision has been made for the circulation of a summary statement and interim report of those areas subject to evaluation work prior to the production of any full site report. This is in order to facilitate an early decision on possible mitigation strategies (i.e. possible fuller excavation or integration into the development) This statement/report will be submitted to the Merseyside Archaeology Service, and the LPA (St Helens Council), within one week of completing evaluation site work or as soon as it becomes apparent that further archaeological is likely to be required.
- 1.25. The report will include:
 - (a) a concise non-technical summary of the project results,
 - (b) an explanation of the project circumstances,
 - (c) a summary of the historical background to the site and any previous work,
 - (d) description of site methodology, extent of fieldwork and sources consulted,
 - (a) digital trench location plans by CAD tied into the Ordnance Survey data,
 - (e) any section drawing(s) {at scale 1:10} showing depth of deposits including present ground level with Ordnance Datum, vertical and horizontal scale,
 - (f) a summary of artefacts by trench together with their interpretation,
 - (g) plans of actual features, deposits and, where appropriate, any which were extrapolated to indicate potential deposits {scale 1:20},
 - (h) any specialist assessments,
 - (i) a copy of the brief and agreed project design, any variations,
 - (j) index to the project archive.
- 1.26. The report will also describe:
 - (a) and assess the archaeological significance of the development site and any archaeological deposits encountered during evaluation,
 - (b) and assess the evidence in its setting, regional context , assess existing and highlight new research priorities, where applicable.
 - (c) Wherever appropriate, outline the options for achieving the preferred option of preservation in- situ of significant archaeological deposits.
- 1.27. One copy of the final report will be deposited with the Merseyside SMR no later than six months after completion of the project. This will be a digital and paper copy of the report, including its relevant accompanying AutoCAD plans. CAD drawings are to be delivered in DXF; Databases in ASCII delimited text or MS Access; Text in ASCII text.
- 1.28. It is anticipated that the following classes of material will be encountered and will require assessment. Estimates of quantity are of a very general nature and for indicative purposes only. Conservation will be undertaken by NML Conservation Labs as acquisitions for which no charge will be made.

Material Type	Likely Nature and Quantity	Likely Conservation Requirements
Post-Medieval Ceramics	500-2000 sherds ranging in date from the 16 th century to present.	None
Post Medieval Building Material	A mix of brick, stone and tile 20-150 pieces	None
Medieval Ceramics	50-500 fragmentary sherds	None
Animal Bone	Animal bone	Some earlier material may require stabilisation
Human Remains	None anticipated on this project	None
Palaeo-environmental evidence	Up to 100 samples, some from waterlogged contexts	None
Ferrous (Iron) Metalwork	50-100 objects likely to include nails, hand tools and similar items.	Very likely to require stabilisation
Non-Ferrous Metalwork	10-100 items likely to include domestic items and personal items such as brooches in non-precious metals such as bronze.	Very likely to require stabilisation
Wood, Leather and other organics	10-100 pieces, may include items such as waste from manufacture.	Very likely to require stabilisation
Industrial Waste	50-1000 pieces, the most likely material to be encountered is waste from iron smithing.	None

1.29. An estimated timetable for this phase is given in Section 5.

1.30. Prior to commencement of the project arrangements for deposition of the archive will be made with National Museums Liverpool.

1.31. It is proposed that the project will be monitored by the Merseyside Archaeological Service.

1.32. A full risk assessment will be produced prior to commencement of on site works.

1.33. Access to the site is to be arranged by the client.

1.34. Temporary accommodation including toilets will be supplied by the client.

A1.2 Personnel

1.35. The project will be managed by Dr. M. Adams, Project Officer (or an NMLFAU employee of equivalent grade and experience). This post will be part-time.

1.36. The *Project Officer* will be responsible for the following:

1.36.1. Determination of overall excavation strategy and allocate resources.

- 1.36.2. Production of Risk Assessment.
- 1.36.3. To exercise overall control of budget and keep records of all expenditure.
- 1.36.4. Liaison with client and specialists.
- 1.36.5. To exercise overall control of manpower to make most effective use of resources in fulfilment of the project design.
- 1.36.6. Supervision of machine excavation of trenches.
- 1.36.7. Undertaking the Total Station survey of exposed walls.
- 1.36.8. Liaison with specialists in conjunction with the Finds Officer
- 1.36.9. Review progress to ensure deadlines are met or to agree variations to project design with sponsor and project team.
- 1.36.10. Updating project design and conducting assessment.
- 1.37. The day to day running of the excavation will be the responsibility of the Site Supervisor (to be appointed from NMLFAU staff). This will be a full-time post.
- 1.38. The *Site Supervisor* will be responsible for the following:
 - 1.38.1. Supervision of the machine excavation of trenches should the Project Officer be unavailable.
 - 1.38.2. Day to day decisions on excavation strategy and supervision of the hand excavation of archaeological deposits by Site Assistants.
 - 1.38.3. Ensuring that all records are accurate and complete on site. Checking of site records produced by Site Assistants
 - 1.38.4. Site photography (some aspects to be delegated to experienced individuals).
 - 1.38.5. Keeping timesheets and personnel records, and records of expenditure.
 - 1.38.6. Liaison with finds supervisor over artefactual evidence for contexts or areas of site.
 - 1.38.7. Attending team meetings.
 - 1.38.8. Preparation of site matrices, context groupings.
 - 1.38.9. Preparation of site archive.
- 1.39. On site recording and initial processing of finds will be the responsibility of a Finds Officer (J. Speakman or C. Ahmad). This post will be part-time during on site works.

1.40. The *Finds Officer* will be responsible for the following:

1.40.1. To ensuring that finds are fully recorded and documented on site.
There may also be a requirement to assist with excavation on occasion.

1.40.2. To compile the computer database of summary finds data (using ACCESS).

1.40.3. Provide spot-dates for the site director for rapid input into site strategy.

1.40.4. Liaising with NML conservators for emergency and routine conservation of artefacts.

1.40.5. Undertaking preliminary processing and interim storage of finds (washing, marking, weighing, sorting by material/type, storage), prior to dispatch to specialists.

1.41. Day to day excavation and recording of deposits will be undertaken by four Site Assistants (to be appointed from NMLFAU staff). These will be a full-time posts.

1.42. The Site Assistants will be responsible for the following:

1.42.1. Hand excavation of deposits under the direction of the Project Officer or Site Supervisor.

1.42.2. Recording of excavated deposits using the NMLFAU recording system as appropriate. This to include the production of accurate plans and section drawings as required.

1.42.3. Photography of contexts under excavation.

1.42.4. Collection of artefacts and environmental samples and carry out 2-dimensional recording of finds as required.

1.43. NMLFAU reserves the right to employ volunteers at a ratio not greater than two members of paid staff to one volunteer. This arrangement is in order to allow training for undergraduates and/or access for amateur archaeologists.

1.44. The following specialists have been consulted with regard to the production of assessment reports.

Material Type	Specialist
Medieval and Post-Medieval Ceramics	J. Speakman (NMLFAU)
Animal Bone	I. Smith (Grosvenor Museum Chester)
Human Remains	None anticipated on this project
Palaeo-environmental evidence	ARCUS (Sheffield University)
Ferrous (Iron) and Non-Ferrous Metalwork	Dr. G. Egan (British Museum)
Wood, Leather and other organics	Quita Mould (Barbican Research Associates)
Industrial Waste	M. Adams

A1.3 Other Requirements

1.45. Mechanical plant for excavation (JCB or tracked excavator fitted with 1.6m ditching bucket).

1.46. Appropriate mess and office accommodation is to be supplied by the client. This is to be suitable for up to eight persons on site.