



An Archaeological Watching Brief at Bank Park, Warrington, Cheshire. Site Code 151 Final Report



Prepared for Golden Gates Housing Trust



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Non-Technical Summary

This report describes the results of an archaeological watching brief at Bank Park, Warrington. The project took place in advance of the construction of a new office block on the site. The watching brief was specifically targeted at monitoring the excavation of an area on the eastern side of the site relating to a building identified as a former water management feature.

The excavation exposed a group of walls constructed in blocks of copper slag which were the foundations of a 'pump-house' shown on 1890s mapping. However, large sections of the foundations had been destroyed by a modern (about 1980) drainage system and the building's precise form was difficult to identify from the surviving remains. The northern-most extent of the park's original fishpond was also located. No evidence for the building's function survived, though additional historic map evidence obtained during the writing of this report suggests that it primarily served as a shelter.

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An Archaeological Watching Brief at Bank Park, Warrington, Cheshire. Site Code 151 Final Report

1. Introduction

This report describes the results of an archaeological watching brief conducted by National Museums Liverpool Field Archaeology Unit (NMLFAU) at Bank Park, Warrington, Cheshire. The project was conducted on behalf of Golden Gates Housing Trust (hereafter the Client). The project is part of a scheme of archaeological mitigation required as part a planning condition imposed by Cheshire West and Chester Council.

The site is located at NGR SJ 602 884 (centred) to the west of the centre of Warrington, c. 500 m north of the River Mersey at a height of c. 14.3 m AOD (Fig. 1). It lies south of Midland Way and is bounded to the south and west by parkland and to the east by hotel buildings. The site had previously been occupied by an office unit and tarmaced parking area.

2. Methodology

Fieldwork was undertaken on 3 - 5 April 2013 by Clare Ahmad (Archaeological Project Officer NMLFAU) and Dr. M. Adams (Senior Archaeological Project Officer NMLFAU).

All excavation was undertaken as specified in the project design (Adams 2013).

3. Archaeological and Historical Background

The following brief summary was compiled from internal NMLFAU documents, Gifford (2004) and Gifford (2005).

Although there is archaeological and historical evidence for settlement in the wider area from the Prehistoric period onwards, the site lies outside the medieval core of Warrington and at some distance from the known centres of Roman settlement and there is little potential for remains of those dates. However, the deposits of sandy geology suggest that the area has some potential for the presence of remains relating to Prehistoric activity.

Bank Hall Park was landscaped in the mid-18th century and established on former agricultural land. The park formed the gardens for Bank Hall which was built in 1750 for Thomas Patten, a significant figure in the Industrial Revolution who amongst other interests owned copper works at Bank Quay, Warrington and Stanley Bank, St. Helens.

The park included glasshouses (rebuilt in the 19th century) a fishpond and a structure, known only from historic mapping, which may have been related to water management for the pond (Figs 2, 3 and 4). The 1888 survey (Fig. 3) labels the structure as a 'Shelter' and shows structures to either side labeled as seats which do

not appear on OS depictions of the site. Later in the 19th century terraced housing was built fronting onto Kendrick Street, though this was demolished in the 20th century.

The only invasive fieldwork undertaken on or close to the site was the excavation of three trial trenches on behalf of Cheshire County Council in 2005 (Gifford 2005). Trench 1 found remains relating to the demolished 19th century housing along Kendrick Street and deposits of industrial waste. Trenches 1 and 2 in Bank Park did find any pre-industrial features, though the shallow soil profile and finds of 16th to 17th century ceramics confirmed the undisturbed nature of the soils in Bank Park.

The watching brief described herein relates to the possible water management feature which could not be evaluated in 2005 because of access issues.

4. Results of the Excavation

The watching brief was confined to the site of a rectangular building sited immediately adjacent to the northern edge of a fishpond, both features are shown on historic mapping of the area, first appearing on the 1st Edition 6in to the Mile Survey of 1849 (Figs 2 and 3).

No stratigraphic relationships were observed between the different elements of the building which in consequence are described in broadly the order they were excavated.

The excavation consisted of a single area measuring c. 15 m by 12 m and was situated at the eastern end of the development. An upper deposit of 20th century made ground, context 1, covered the whole area of excavation and consisted of a mix of brown, humic sandy loam containing late 19th/20th century brick rubble, glass bottles, jars, pottery and other modern debris was removed using a mechanical excavator. Context 1 was of variable depth between c. 0.75 – 1.05 m at the northern end and 1.30 m to the south of the excavated area (Plate 1) due to the stepped nature of the underlying natural brownish-yellow sandy clay, context 11.

A man-hole and a series of drainage pipes, all dated to c. 1980, were noted at the northern, eastern and southern sides of the excavated area and cut through earlier wall foundations described later in the text.

The contexts below are shown on Fig. 5.

A line of slag blocks, context 2, was aligned north – south across the northern section of the excavation. This feature measured 2.45 m (length) by 0.20 m (width) by 0.23 m (depth) and consisted of a single course of 11 blocks laid directly into natural sandy clay, context 11 (Plate 2). The blocks were made of copper slag cast into a rectangular mould and were very dense. The matt black external surface had been chipped showing a black, glassy, fine grained vesicular structure with a dark green colour showing some streaks of green, corrosion product. The blocks were generally of a uniform size c. 0.46 m (length) by 0.20 m (width) by 0.23 m (depth) and were bonded using a fine grained, off-white sandy lime mortar with no inclusions. One block at the northern end had been accidentally removed during machining revealing the traces of an 'L' shaped cut or impression for the foundation, context 12, which measured c. 2.90 m (length) by 1.00 – 0.47 m (width) by 0.23 m (depth).

To the north of context 2, a series of wall foundations were visible in the northern trench section (Plate 3). The demolished remains of a building constructed c. 1980 lay directly behind the trench section and a soil in-fill 0.15 m wide separated these from brick and slag block foundations 4 and 5 to the south (Plate 4).

Context 4 was recognised at a depth of only 0.10 m below context 1 and was an east – west line of red brickwork at the northern-most extent to the excavated area. The handmade bricks, c. 290 by 90 by 70 mm, had been bonded with lime mortar and survived to one to three courses of headers and stretchers. This wall directly overlay a slag block foundation (context 5) and continued at least as far as the site boundary to the east measuring overall 10.60 m (length) by 0.35 m (width) by 0.08 – 0.27 m (depth). Only a faint trace of brickwork was observed at the far western end for c. 2.20 m over context 5.

The slag block foundation (context 5) ran on the same alignment as wall 4 before turning at its eastern end in a south-easterly direction, across the north-east corner of the trench, into the east trench section (Plate 5). The three course slag block foundation was similarly constructed to contexts 2 and 8 with overall measurements of 9.70 m (length) by 0.70 m (width) by 0.40 m (depth).

At the western end of context 5 a red brick return wall ran south for approximately 3 m. A modern drain was seen in northern section cutting through both foundation walls 4 and 5 (Plate 6). This brick wall was only observed in the temporary trench section but was six courses deep measuring 0.50 m width (east – west) below 0.30 m of rubble in-fill context 1 and tarmac (Plate 7). The date of the wall was unclear but was thought to have formed the western wall to the building shown on historic OS mapping.

Contexts 6, 7, 8 and 9 were recognised as a separate group of slag block and brick foundations presumably part of the same building as contexts 2, 4 and 5, they were on broadly the same alignment between but were at a slightly lower level probably as a consequence of a natural slope in the upper surface of Boulder Clay (Plate 8). Their function is uncertain but their location and construction suggest that they formed the base of a chimney stack and hearth.

Contexts 6 and 7 consisted of two single, short lines of north – south aligned slag blocks butted at either side of a rectangular foundation context 8 which was in turn overlain by two courses of red brickwork context 9.

Context 6 butted against foundation 8 to the west and consisted of one course of four copper slag blocks, similar in shape and size to those described in context 2 (Plate 9). The foundation measured 1.05 m (length) by 0.45 m (width) by 0.22 m (depth). The bonding material, an off-white lime mortar, was also the same consistency as that described in context 2. It appeared to form part of an external wall to the building.

Context 7 also butted against context 8 and ran parallel with context 6 but at a lower level, by c. 0.45 m (Plate 10). The foundation was constructed with the same materials as context 6 but consisted of five slag blocks. It measured 1.10 m (length) by 0.43 m (width), the depth was not visible, and possibly formed part of an internal wall to the building.

Context 8 was a stepped east – west aligned rectangular block constructed from up to five courses of slag blocks butted by contexts 6 and 7 to the east and west of the northern edge. The foundation as a whole measured 3.30 m (length) by 1.16 m

(width) by 0.75 – 1.00 m (depth) and was constructed with the same materials as context 2 (Plates 11 and 12). Context 8 appeared to continue eastwards towards the western trench section, where one *in situ* slag block was visible in section (Plate 13), but had been disturbed and cut through by a late 20th century drainage pipe heading north-easterly towards a man-hole.

Context 9 overlay context 8 as an east-west line of red brickwork partially obscured by mortar, measuring 1.35 m (length) by 0.38 m (width) by 0.215 m (depth). The handmade bricks, c. 240 by 140 by 120 mm, had been bonded with lime mortar and survived to two courses of header and stretcher. Context 9 formed part of an external, upper brick wall foundation to the building and appeared similar to context 4 in the northern trench section.

Context 10 was the top of a curving line of eight coping stones marking the northern extent of the in-filled fishpond shown on historic mapping. It was at a depth of c. 1.30 m below ground level, running in a roughly south-west to north-east direction. The north-eastern end was truncated at the junction with slag block foundation, context 8 (Plate 14) and measured 4.10 m in length by 0.38 m width, the depth of the stones was not ascertained. Each block varied in size and were a mix of five granite, two sandstone and one slag blocks, no bonding material was visible. A series of tipping deposits were observed in the trench section directly above the pond in-fill and context 10 (Plate 15) but were not recorded in any further detail due to the inclusion of modern plastic debris and other rubbish.

5. Finds Evidence

No significant artefacts were present with the exception of one slag block kept from context 8 as a sample of its type for future reference. The general nature of material was characteristic of the disposal of late 19th to late 20th century industrial debris on urban sites and will not be reported upon in detail here.

6. Conclusions

The project aimed to assess the nature, preservation and extent of deposits relating to foundations of an unidentified structure identified as a possible water management feature. In general preservation in the excavated area was poor with evidence of extensive truncation during demolition of the structure and later redevelopment of the site. No intact floor surfaces were present though short sections of foundations constructed using cast cooper slag blocks survived. In some areas a course of hand-made brick survived on top of the slag blocks which probably represented the base of the superstructure. The best fit with historic map evidence is obtained if Contexts 6, 7, 8 and 9 represent the south-western corner of the building and the seating shown on the 1888 map (Figs 3 and 6). Context 2 then equates with the foundation of the western wall. Context 5 is probably the foundation wall to the east-west aligned internal boundary to the north of the shelter, the kink at its western end being the turn on to Kendrick Street. The north-south aligned brick wall running south from context 5 was probably the eastern end of the greenhouse shown on the 1893 OS map. Otherwise insufficient was present to determine the details of the building's layout and function, the northern, southern and eastern walls either being truncated or lying outside the excavated area. No evidence of pumping machinery survived, if any was present it was probably located above ground level and removed during demolition, though it appears more likely that the structure's primary function was as a shelter and viewing platform for the pond..

The copper slag blocks can almost certainly be traced to the copper works at Bank Quay, Warrington owned by Thomas Patten. Although no direct dating evidence was found for the construction of the building, the use of copper slag foundations suggests that it pre-dates the closure of the Bank Quay copper works prior to 1795 (Shaw & Clark 2003). The foundations of Bank Hall are built using identical material, though similar blocks were also being produced at the Stanley Bank Copper Works in St. Helens which was also established by Thomas Patten (the builder of Bank Hall) in 1772 (Adams in prep).

The use of copper slag as a building material originated in the mid-18th century, when the industrialisation of copper production resulted in the production of large quantities of copper slag. This could be cast into blocks for use as a construction material thus making use of what was otherwise a waste product, though its extensive use in domestic dwellings was rare. This was because the blocks were impermeable to air and moisture which resulted in the dwellings often being cold and damp, though there are a few surviving examples in the Hayle area of Cornwall (Ferguson 1996, 106). Instead it was generally used for foundations, retaining walls and occasionally as a decorative feature such as the quoins on a cottage at Phillack, Cornwall (ibid).

The use of copper slag as a construction material in the North-West of England is less well documented. The example of Bank Hall has already been cited though there are other examples in Warrington and St. Helens (Pollard & Pevsner 2006). The Sutton Oak Welsh Chapel in St. Helens is partly built in similar squared blocks to those found here and until the 1980s several boundary walls built using copper slag survived in the St. Helens area though many have since been demolished.

7. Recommendations for Further Mitigation

No further mitigation is required on this site and construction can proceed with no further archaeological requirements.

8. Figures

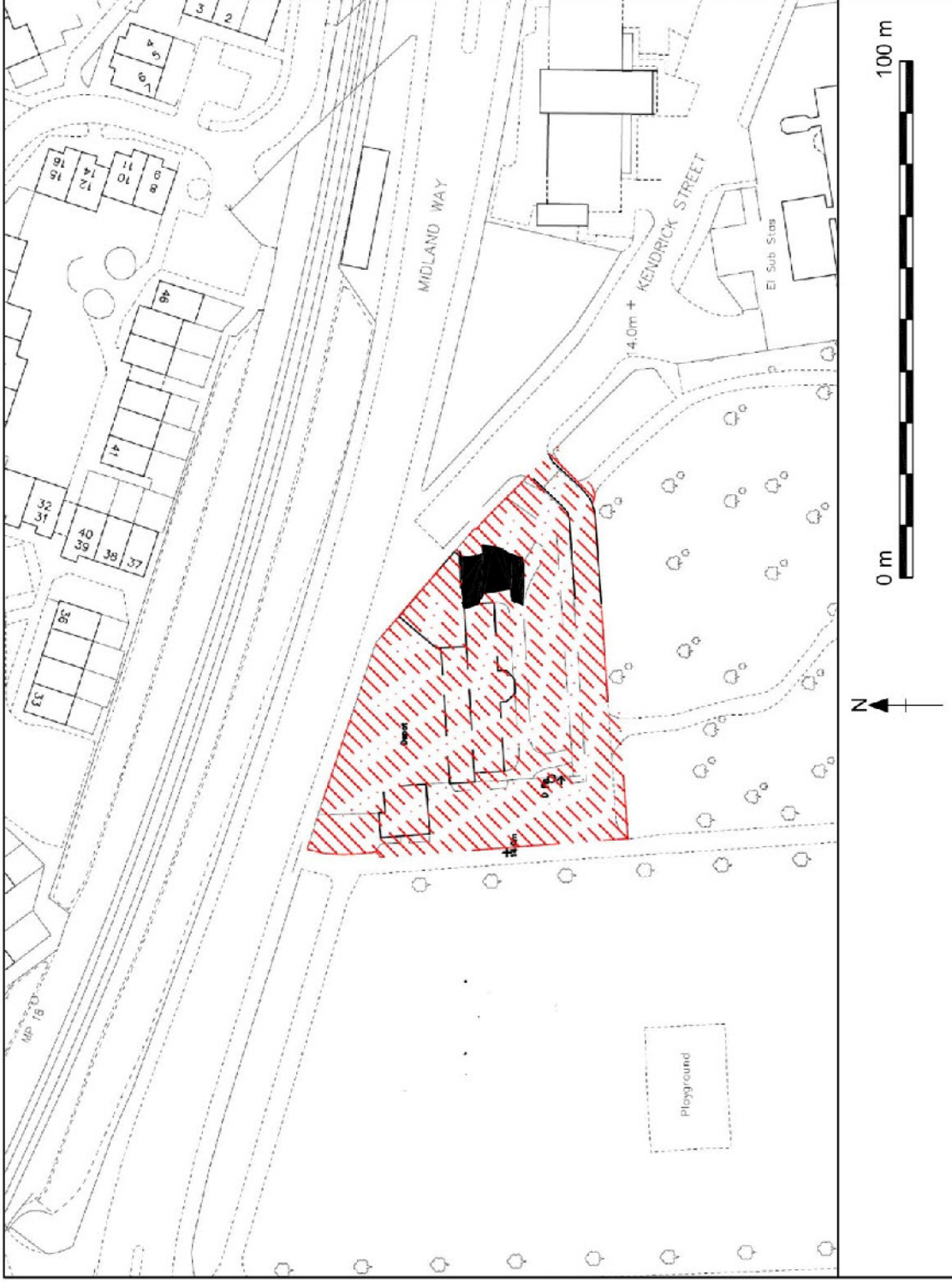


Fig. 1. Site Location.



Fig. 2. Part of The OS 6 in to the Mile Sheet 115 published 1849. Not to scale.

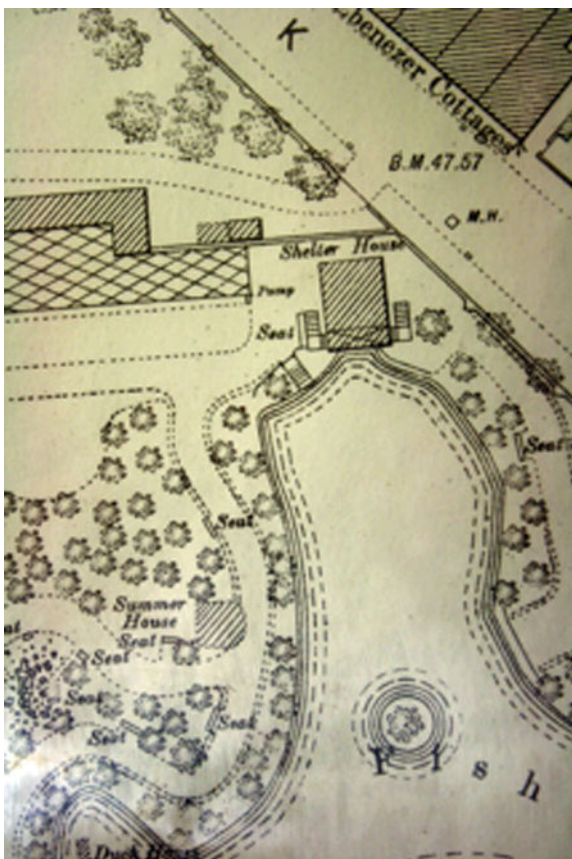


Fig. 3. Part of a survey of Warrington dated 1888. Image supplied by Warrington Archaeological and Historical Society. Not to scale.

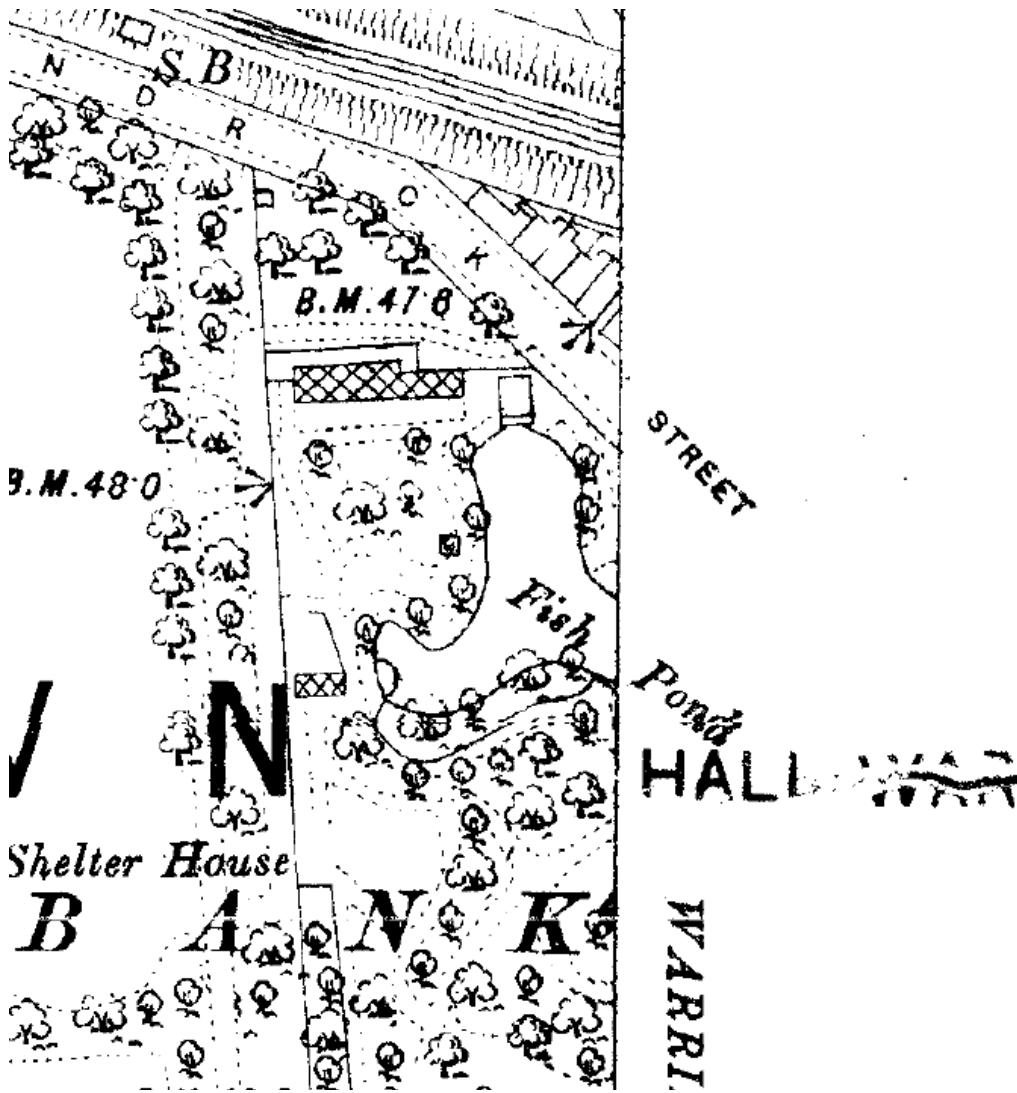


Fig. 4. Part of the OS 25 in to the Mile Sheet CXV.4 published 1893. Not to scale.

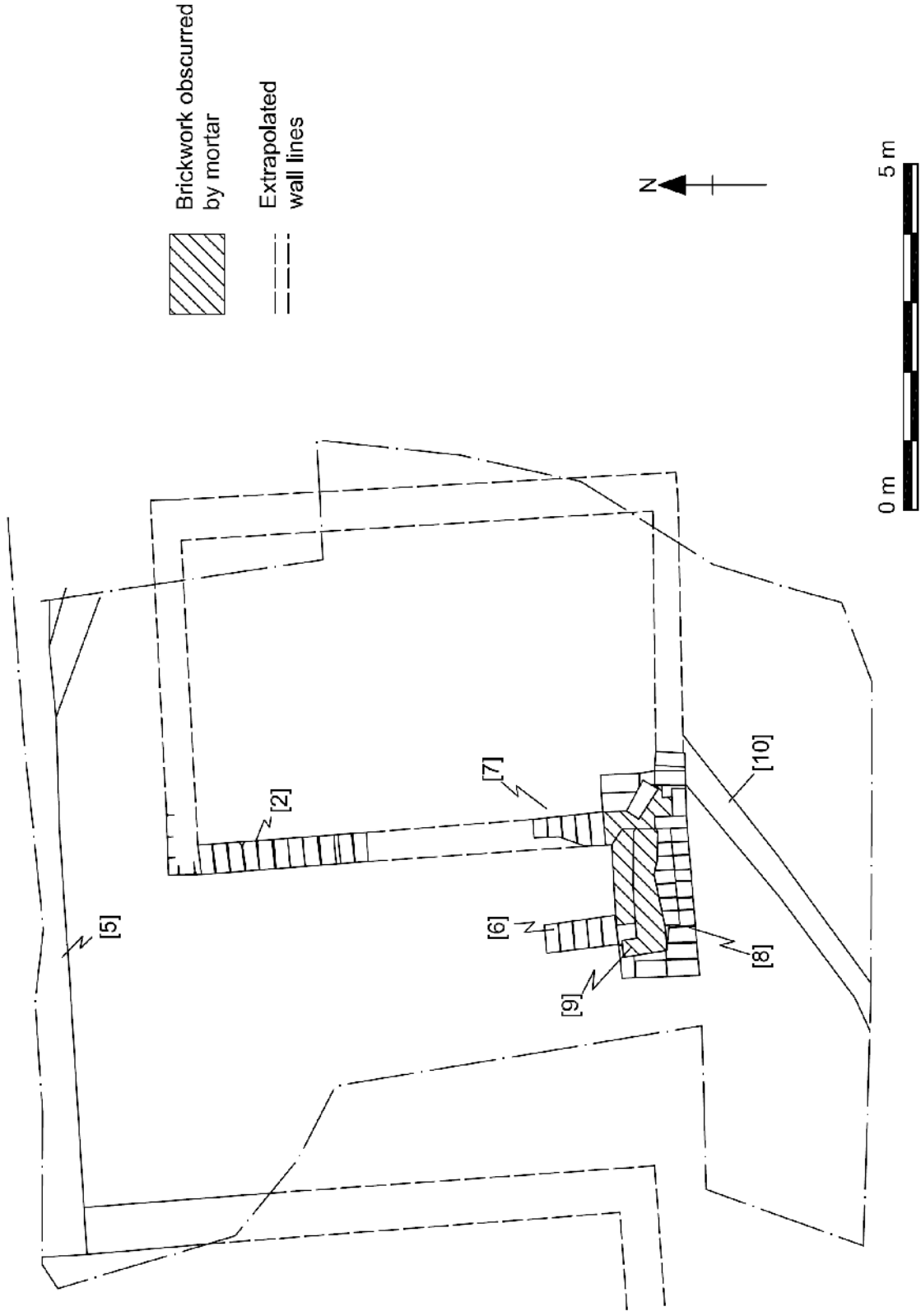


Fig. 5. Plan of excavated features described in the text.



Fig. 6. Excavated features superimposed onto 1893 OS (Fig. 4). Note that the seats shown on Fig. 3 and which correspond with contexts 6,7, 8 and 9 do not appear on the 1893 edition.

9. Plates



Plate 1. Area of excavation after the removal of context 1 showing slag block foundations and northern extent of the fishpond marked by curving line of blocks at the foreground. View from the south.



Plate 2. North – south aligned slag block foundation, context 2, showing shallow cut 12 at northern end. From the north.



Plate 3. Wall foundations exposed in northern trench section, north of context 2.
From the south.



Plate 4. Wall foundations exposed in northern trench section showing demolished 1980s concrete slab to the north with line of modern brick foundations directly in front, context 3, and wall foundations, contexts 4 and 5, running parallel. From the west.



Plate 5. Context 4 brickwork shown running towards site boundary while underlying slag block foundations, context 5, turns diagonally running into eastern trench section. From the west.



Plate 6. Trench along western extent of context 5 showing drain pipe damage mid-section. From the south-west.



Plate 7. Brick return wall running south from west end of context 5 seen in temporary trench section below tarmac and rubble in-fill deposits. From the north.



Plate 8. Group of foundations 6, 7, 8 and 9 to the south showing alignment with single line context 2. From the north-west.



Plate 9. Side view showing context 6 to the north butted against main foundation block 8. From the west.



Plate 10. Side view showing context 7 running northwards from main foundation block 8, note sunken lower level compared with context 6 in previous plate 10. From the east.



Plate 11. Stepped, rectangular foundation block showing contexts 8 and 9, external facing. From the south.



Plate 12. Stepped, rectangular foundation block showing contexts 8 and 9, internal facing and context 6 in foreground heading northwards. From the north.



Plate 13. Continuation of wall foundation 8 showing damage by drainage system mid-section and *in situ* slag block in far eastern trench section (marked by ranging rod). From the west.



Plate 14. Plan view showing curved line of stone blocks context 10 marking northern extent of in-filled fishpond, overlooked by foundation block context 8.



Plate 15. Tipping deposits shown in southern trench section overlying in-filled fishpond. From the north.

10. Bibliography

Adams M. 2013 *Bank Park, Warrington, Written Scheme of Investigation*. NMLFAU Project Design prepared for GGHT

English Heritage 2002 *Environmental Archaeology. A guide to the theory and practice of methods, from sampling and recovery to post-excavation*. Centre for Archaeology Guidelines

English Heritage 2009. *Management of Research Projects in the Historic Environment. The MoRPHE Project Managers' Guide (version 1.1)*

Ferguson J. 1996 The Copper Slag Blocks of Hayle, Cornwall: Remains of a Late 18th Century Industry. *Mining History: The Bulletin of the Peak District Mines Historical Society* 13, 2.

Gifford & Partners 2004 *Land at Bank Park, Warrington: An Archaeological Desk-Based Assessment*. Unpublished Report.

Gifford & Partners 2005 *Land at Bank Hall Park, Warrington: Report on an Archaeological Evaluation*. Unpublished Report.

Hall B.R. and Folland C.J. 1970 *Soils of Lancashire*. *Memoirs of the Soil Survey of Great Britain*. Harpenden

Institute For Archaeologists 2008a *Standard And Guidance for archaeological field evaluation*

Institute For Archaeologists 2008b *Standard and Guidance for Archaeological Watching Briefs*

Museums and Galleries Commission, 1992. *Standards in the Museum Care of Archaeological Collections*

Pollard R. & Pevsner N. 2006 *Lancashire: Liverpool and the Southwest (Pevsner Architectural Guides: Buildings of England)* Yale University Press.

Shaw M. & Clark J. 2003 *Cheshire Historic Towns Survey Warrington Archaeological Assessment*. Cheshire County Council, On-line version at http://www.cheshirewestandchester.gov.uk/residents/leisure,_parks_and_events/history_and_heritage/archaeology/archaeology_planning_advisory/historic_towns_survey/historic_towns_survey_reports/historic_towns_warrington.aspx

Society of Museum Archaeologists, 1993. *Selection, Retention and Dispersal of Archaeological Collections*

Society of Museum Archaeologists, 1995. *Towards an Accessible Archaeological Archive*

United Kingdom Institute for Conservation, 1990. *Guidelines for the Preparation of Excavation Archives for Long-term Storage*

United Kingdom Institute for Conservation, 1998. *First Aid for Finds*.

11. Archive Catalogue

The archive is retained and curated at National Museums Liverpool.

11.1 Finds

No finds were retained.

11.2 Photographic Catalogue

Catalogue no.	Film	Area	Description	Direction from	Taken by	Date
1	DIGITAL I		Area of excavation as machine excavation commences	SW	CA	03/04/2013
2	DIGITAL I		Area of excavation as machine excavation commences	NW	CA	03/04/2013
3	DIGITAL I		Initial machine excavation through rubble deposits uncovers modern man-hole and drainage system	NW	CA	03/04/2013
4	DIGITAL I		Initial machine excavation through rubble deposits uncovers the top of N- S line of slag blocks, wall [2]	SW	CA	03/04/2013
5	DIGITAL I		General view of demolished remains on site directly adjacent to excavation area	NE	CA	03/04/2013
6	DIGITAL I		Continued machining through rubble deposits reveals drainage system cutting through slag block foundations, context [8]	NW	CA	03/04/2013
7	DIGITAL I		Continued machining through rubble deposits reveals drainage system cutting through slag block foundations, context [8]	N	CA	03/04/2013
8	DIGITAL I		Excavated area showing man-hole to the east and slag block foundations to the west, contexts [2] and [8], before cleaning	N	CA	03/04/2013
9	DIGITAL I		Excavated area showing man-hole to the east and slag block foundations to the west, contexts [2] and [8], before cleaning	NE	CA	03/04/2013
10	DIGITAL I		Excavated area slag block foundations, contexts [2] and [8], before cleaning	N	CA	03/04/2013
11	DIGITAL I		Excavated area showing man-hole to the east and slag block foundations to the west,	N	CA	03/04/2013

Catalogue no.	Film	Area	Description	Direction from	Taken by	Date
			contexts [2] and [8], before cleaning			
12	DIGITAL I		Excavated area showing man-hole to the east and slag block foundations to the west, contexts [2] and [8], before cleaning	N	CA	03/04/2013
13	DIGITAL I		Excavated area showing man-hole to the east and slag block foundations to the west, contexts [2] and [8], before cleaning	NW	CA	03/04/2013
14	DIGITAL I		Excavated area showing man-hole and slag block foundations alongside stone-lined northern edge to in-filled fishpond, context [8] and [10], before cleaning	NW	CA	03/04/2013
15	DIGITAL I		Overview of excavated area showing slag block foundations, contexts [2], [8], [6] and [5] (just visible at northern trench edge)	SW	CA	03/04/2013
16	DIGITAL I		Overview of excavated area showing slag block foundations, contexts [2] and [5] (just visible at northern trench edge)	SW	CA	03/04/2013
17	DIGITAL I		Slag block foundations, contexts [6] and [8], plus fishpond extent, context [10] after initial clean	W	CA	04/04/2013
18	DIGITAL I		Overview of excavated area showing slag block foundations and in-filled fishpond extent, contexts [2], [8], [6], [7], [9], [10] and [5] (just visible at northern trench edge), after initial clean	S	CA	04/04/2013
19	DIGITAL I		Overview of excavated area showing slag block foundations and in-filled fishpond extent, contexts [2], [8], [6], [7], [9], [10] and [5] (just visible at northern trench edge), after initial clean	S	CA	04/04/2013
20	DIGITAL I		Overview of excavated area showing slag block foundations and in-filled fishpond extent, contexts [2], [8], [6], [7], [9], [10] and [5] (just visible at northern trench edge), after initial clean	S	CA	04/04/2013
21	DIGITAL I		Overview of excavated area showing slag block foundations and in-filled fishpond extent, contexts [2], [8], [6], [7], [9], [10] and [5] (just visible at northern trench edge), after initial clean	SW	CA	04/04/2013
22	DIGITAL I		Overview of excavated area showing slag block foundations and in-filled fishpond extent, contexts [2], [8], [6], [7], [9], [10] and [5] (just visible at northern trench edge), after initial clean	SW	CA	04/04/2013
23	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	N	CA	04/04/2013
24	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	N	CA	04/04/2013
25	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	N	CA	04/04/2013
26	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c, in relation to other slag block foundations contexts [6], [7] and [8]	N	CA	04/04/2013
27	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	N	CA	04/04/2013

Catalogue no.	Film	Area	Description	Direction from	Taken by	Date
28	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	E	CA	04/04/2013
29	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	E	CA	04/04/2013
30	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	E	CA	04/04/2013
31	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	S	CA	04/04/2013
32	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	S	CA	04/04/2013
33	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	S	CA	04/04/2013
34	DIGITAL I		Line of N - S slag block foundation after cleaning, context [2], [12]c	S	CA	04/04/2013
35	DIGITAL I		Working shot of excavated area	SW	MA	04/04/2013
36	DIGITAL I		Working shot of excavated area	S	MA	04/04/2013
37	DIGITAL I		Excavated area after cleaning showing slag block foundations and fishpond extent	S	MA	04/04/2013
38	DIGITAL I		Excavated area after cleaning showing slag block foundations and fishpond extent	S	MA	04/04/2013
39	DIGITAL I		Excavated area after cleaning showing slag block foundations and fishpond extent	S	MA	04/04/2013
40	DIGITAL I		Southern half of excavated area after cleaning showing slag block foundations and fishpond extent	SW	MA	04/04/2013
41	DIGITAL I		Slag block foundation context [8] and overlying red brickwork context [9], also showing curving line of stone blocks to the south marking extent to in-filled fishpond, south (exterior) facing	S	MA	04/04/2013
42	DIGITAL I		Slag block foundation context [8] and overlying red brickwork context [9], also showing curving line of stone blocks to the south marking extent to in-filled fishpond, south (exterior) facing	S	MA	04/04/2013
43	DIGITAL I		Curving line of stone blocks to the south of excavated area marking extent to in-filled fishpond, trench section also shows various tipping deposits over pond	N	MA	04/04/2013
44	DIGITAL I		Slag block seen in eastern trench section marking continuation to slag block wall context [8]	W	MA	04/04/2013
45	DIGITAL I		Slag block foundations contexts [8] and [6], west facing section	W	MA	04/04/2013
46	DIGITAL I		SW corner of slag block foundation context [8], also showing overlying red brickwork context [9]	PLAN	MA	04/04/2013
47	DIGITAL I		Central section of slag block foundation context [8], also showing overlying red brickwork context [9] and curving line of stone blocks context [10], fishpond extent	PLAN	MA	04/04/2013

Catalogue no.	Film Area	Description	Direction from	Taken by	Date
48	DIGITAL I	Central section of slag block foundation context [8], also showing overlying red brickwork context [9] and curving line of stone blocks context [10], fishpond extent	PLAN	MA	04/04/2013
49	DIGITAL I	SE corner of slag block foundation context [8], also showing overlying red brickwork context [9] and curving line of stone blocks context [10], fishpond extent	PLAN	MA	04/04/2013
50	DIGITAL I	Eastern end of slag block foundation contexts [8] and [7], also showing overlying red brickwork context [9] and curving line of stone blocks context [10], fishpond extent	PLAN	MA	04/04/2013
51	DIGITAL I	Eastern end of slag block foundation context [8]	PLAN	MA	04/04/2013
52	DIGITAL I	N - S slag block foundation context [7], part of overall slag block foundation context [8]	PLAN	MA	04/04/2013
53	DIGITAL I	N - S slag block foundation context [7], part of overall slag block foundation context [8]	PLAN	MA	04/04/2013
54	DIGITAL I	Eastern end of slag block foundation context [8] showing overlying red brickwork context [9]	PLAN	MA	04/04/2013
55	DIGITAL I	Central section of slag block foundation context [8] showing overlying red brickwork context [9]	PLAN	MA	04/04/2013
56	DIGITAL I	Western end of slag block foundation context [8] showing overlying red brickwork context [9]	PLAN	MA	04/04/2013
57	DIGITAL I	Western end of slag block foundation context [8] showing overlying red brickwork context [9]	PLAN	MA	04/04/2013
58	DIGITAL I	Eastern end of slag block foundation context [8] showing overlying red brickwork context [9]	PLAN	MA	04/04/2013
59	DIGITAL I	N - S slag block foundation context [6], part of overall slag block foundation context [8]	PLAN	MA	04/04/2013
60	DIGITAL I	Slag block foundations contexts [8] [6] and [7], north (interior) facing	N	MA	04/04/2013
61	DIGITAL I	Slag block foundations contexts [8] and [7], east facing section	E	MA	04/04/2013
62	DIGITAL I	Line of N - S slag block foundation after cleaning, context [2], [12]c	E	MA	04/04/2013
63	DIGITAL I	Line of N - S slag block foundation after cleaning, context [2], [12]c	SE	MA	04/04/2013
64	DIGITAL I	Southern end of N - S slag block foundation context [2]	PLAN	MA	04/04/2013
65	DIGITAL I	Central section of N - S slag block foundation context [2]	PLAN	MA	04/04/2013
66	DIGITAL I	Central section of N - S slag block foundation context [2]	PLAN	MA	04/04/2013
67	DIGITAL I	Northern end of N - S slag block foundation context [2]	PLAN	MA	04/04/2013
68	DIGITAL I	Northern trench section (western end) showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side	S	MA	04/04/2013
69	DIGITAL I	Northern trench section showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side, in relation to	S	MA	04/04/2013

Catalogue no.	Film	Area	Description	Direction from	Taken by	Date
			wall foundation [2]			
70	DIGITAL I		Northern trench section (eastern end) showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side	S	MA	04/04/2013
71	DIGITAL I		Northern trench section showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side, in relation to wall foundation [2]	W	MA	04/04/2013
72	DIGITAL I		Northern trench section showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side, in relation to wall foundation [2]	W	MA	04/04/2013
73	DIGITAL I		Northern trench section showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side, in relation to wall foundation [2]	W	MA	04/04/2013
74	DIGITAL I		Northern trench section showing in situ slag block foundation context [5] with overlying brickwork context [4] butted against 1980s brick wall context [3] on northern side, in relation to wall foundation [2]	W	MA	04/04/2013
75	DIGITAL I		Overlying brickwork context [4] running beyond slag block foundation [5] towards site boundary to the east	W	MA	04/04/2013
76	DIGITAL I		Diagonal course of slag block foundation context [5] running into eastern trench edge	PLAN	MA	04/04/2013
77	DIGITAL I		Slag block seen in eastern trench section (facing south) marking possible continuation to slag block wall context [5] in northern half of excavated area	S	MA	04/04/2013
78	DIGITAL I		Slag block seen in eastern trench section (facing south) marking possible continuation to slag block wall context [5] in northern half of excavated area	S	MA	04/04/2013
79	DIGITAL I		Slag block seen in eastern trench section (facing south) marking possible continuation to slag block wall context [5] in northern half of excavated area	W	MA	04/04/2013
80	DIGITAL I		Overview of excavated area showing slag block foundations and man-hole to the east	N	MA	04/04/2013
81	DIGITAL I		Overview of excavated area showing slag block foundations and man-hole to the east	N	MA	04/04/2013
82	DIGITAL I		Overview of excavated area showing slag block foundations and man-hole to the east	NW	Mark Adams	04/04/2013
83	DIGITAL I		Overview of excavated area showing slag block foundations and man-hole to the east	W	MA	04/04/2013

Catalogue no.	Film	Area	Description	Direction from	Taken by	Date
84	DIGITAL I		Overview of excavated area showing slag block foundations and man-hole to the east	W	MA	04/04/2013
85	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain	SE	CA	05/04/2013
86	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain	SE	CA	05/04/2013
87	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain	E	CA	05/04/2013
88	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent	SW	CA	05/04/2013
89	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain	E	CA	05/04/2013
90	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent	S	CA	05/04/2013
91	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent	SW	CA	05/04/2013
92	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent	W	CA	05/04/2013
93	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent	W	CA	05/04/2013
94	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent	SW	CA	05/04/2013
95	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain, showing western extent and brick return in north facing trench section	W	CA	05/04/2013
96	DIGITAL I		Brick return shown in north facing section after rapid machine excavation following western extent of slag block foundation [5]	N	CA	05/04/2013
97	DIGITAL I		Brick return shown in north facing section after rapid machine excavation following western extent of slag block foundation [5]	N	CA	05/04/2013
98	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running	W	CA	05/04/2013

Catalogue no.	Film	Area	Description	Direction from	Taken by	Date
			westwards showing area cut by drain, showing western extent and brick return in north facing trench section			
99	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain	SE	CA	05/04/2013
100	DIGITAL I		Rapid machine excavation to show continuation of slag block foundation [5] running westwards showing area cut by drain	SE	CA	05/04/2013
101	DIGITAL I		Machine demolishing wall foundations at northern end of excavated area	S	CA	05/04/2013
102	DIGITAL I		Machine demolishing wall foundations at northern end of excavated area	S	CA	05/04/2013
103	DIGITAL I		Northern end of excavated area after demolition of wall foundations	S	CA	05/04/2013
104	DIGITAL I		Northern end of excavated area after demolition of wall foundations	SE	CA	05/04/2013
105	DIGITAL I		Northern end of excavated area after demolition of wall foundations	E	CA	05/04/2013

11.3 Context Listing

Context	Site	Area	Description	Recorded By	Date
1	151 I		Loose, humic brown soil/rubble in-fill covering excavated area containing 19th/20th century rubbish	CA	04/04/2013
2	151 I		N - S slag block foundation	CA	04/04/2013
3	151 I		E - W line of modern (?1980s) brickwork adjacent to [4]/[5]	CA	04/04/2013
4	151 I		Red brickwork over foundation [5], running E - W	CA	04/04/2013
5	151 I		E - W slag block foundation below [4] at northern edge of trench	CA	04/04/2013
6	151 I		N - S slag block foundation butted against western side of [8]	CA	04/04/2013
7	151 I		N - S slag block foundation butted against eastern side of [8], lower level than [6]	CA	04/04/2013
8	151 I		E - W rectangular slag block foundation below [9], at southern edge of trench	CA	04/04/2013
9	151 I		Red brickwork over foundation [8], running E - W	CA	04/04/2013
10	151 I		Curving line of stone blocks marking northern edge of fishpond	CA	04/04/2013
11	151 I		Natural yellow sandy clay	CA	04/04/2013
12	151 I		Cut containing wall [2]	CA	05/04/2013

