

BANNOCKBURN CEMETERIES
METAL DETECTOR SURVEY AND
ARCHAEOLOGICAL EVALUATION
DATA STRUCTURE REPORT



PROJECT 2417

carried out
on behalf of
Stirling Council

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Cover Plate:

General shot of evaluation from NW.



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by
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This document has been prepared in accordance with GUARD standard operating procedures.

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Bannockburn Cemeteries
Metal Detecting/Evaluation

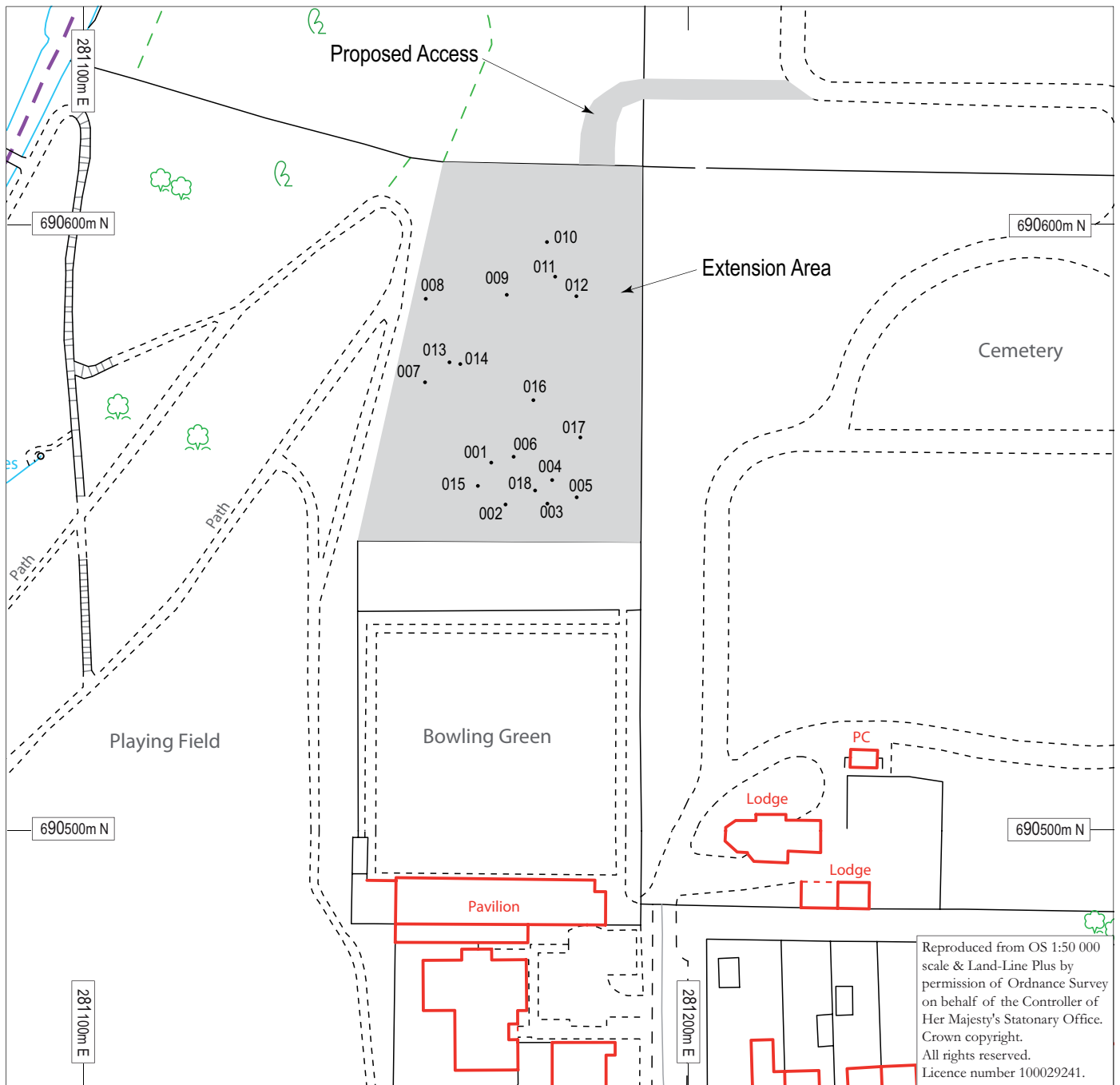
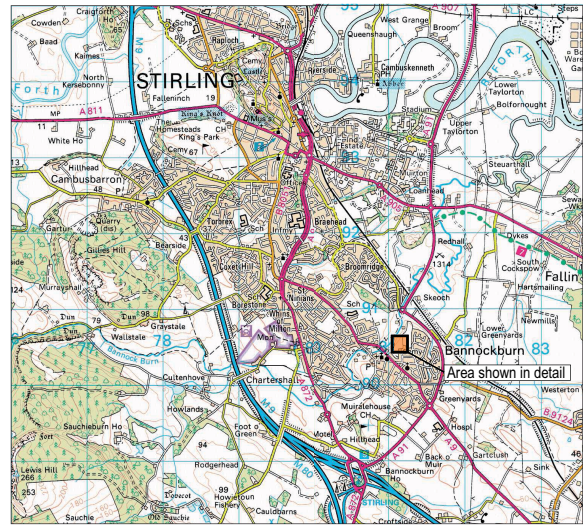


Figure 1: Ladywell Park Site Location with Metal Detecting Finds

1.0 Executive Summary

During March 2007, Glasgow University Archaeological Research Division (GUARD) undertook a metal detector survey of two sites at Ladywell Park and New Line Road, Bannockburn, Stirling, both of which are proposed to be used as cemeteries. An archaeological evaluation was also undertaken at New Line Road. The work was carried on behalf of Stirling Council in order to fulfil a condition placed on the proposed works by the Stirling Council Archaeologist.

Both sites are within the area where it is suspected that the 1314 Battle of Bannockburn took place, and this resulted in the recommendation that a metal detector survey was to take place prior to any development to ensure that any significant artefacts relating to the battle were recovered from the topsoil. An archaeological evaluation was also undertaken on the second site. There, a Roman Road is depicted on the first edition Ordnance Survey map of 1865-6, running across the proposed development area, and the southern end of the site borders Milton Bog, where a series of 'stakes' were recovered in the nineteenth century and presumed to represent spikes placed at the bottom of pits which related to the battle. The stakes, however, show no evidence of sharpening or burning and radiocarbon dates obtained from them put them in the Mesolithic, suggesting that they may not relate to the battle as was first suggested (Pollard & Oliver 2003, 62).

All but one of the finds from the metal detector survey of the Ladywell Park site date to the very late nineteenth century and the twentieth century; most are coins. The only find of potential earlier date is a large pewter spoon head, possibly dating to the eighteenth century. None of the artefacts recovered can be assigned definitely to the Battle of Bannockburn.

The metal detector survey of the New Line Road site also recovered a series of nineteenth and twentieth century artefacts. In addition, a series of coins, buttons and two musket balls which may date to the eighteenth century, were found. It is known that there was Jacobite activity in this area in 1746, relating to the siege of Stirling Castle and the battle of Falkirk. It is possible that these eighteenth-century artefacts recovered from the New Line Road site relate to this activity. None of the artefacts recovered can be assigned definitely to the Battle of Bannockburn.

Twenty eight trenches, representing 8% of the total area proposed for development at New Line Road, were opened there and examined to establish whether or not significant archaeological remains were present.

No features deemed to be of archaeological significance were located by the trial trenching, indicating that the Roman road depicted on the first edition OS map represents a suggested route rather than a known one.

Given the absence of any archaeological sites of significance, GUARD would recommend that no further archaeological work is required on either of the two sites.

2.0 Introduction

A proposal by Stirling Council to extend the existing cemetery at Ladywell Park, Bannockburn (Site 1, Figure 1), and to create a new cemetery at New Line Road, Bannockburn (Site 2, Figure 2), was accompanied by a recommendation from Stirling Council's Archaeology Officer that an archaeological evaluation of both sites be undertaken prior to any development commencing. The recommended evaluation was to comprise a metal detector survey of both Sites 1 and 2 and trial trenching on Site 2.

The metal detector survey at both sites was undertaken on Saturday 10 March 2007 by members of the Scottish Artefact Recovery Group under the supervision of GUARD. The trial trenching of Site 2 was undertaken by GUARD between Monday 12 March and Tuesday 20 March 2007.

3.0 Site Location, Topography and Geology

The proposed Ladywell Park cemetery extension is located immediately to the west of the existing Bannockburn cemetery (Figure 1) and to the east of the Bannock Burn, from which it is separated by a steep scarp. Site 1 is located at NGR NS 8116 9058 and comprises a level, grassy public space. The Ladywell Park site, not including the area of the new access track, is approximately 2500 m² in extent.

The proposed New Line Road cemetery is located to the south of the Bannockburn Heritage Centre (Figure 2) at NGR NS 7968 9037. It consists of a gradually-sloping grassy field and is bounded on its eastern side by New Line Road, on its northern side by Fairhill Road and to the south and south-west by Milton Bog. The site encompasses an area of approximately 26,000 m².

4.0 Archaeological Background

Both the Ladywell Park and New line Road sites lie within the area where the Battle of Bannockburn is reported to have taken place. It was here, in 1314, that Robert Bruce (later to be known as Robert the Bruce) and his followers defeated the army of Edward II. This large area has recently been formally defined in a 2005 report by the Battlefield Trust (Foard & Partida 2005), commissioned by Historic Scotland, but it has long been thought that the battle took place somewhere within this area. That said, there has also been a long-running controversy about the exact location of this significant battle (Pollard & Oliver 2003, 48) which, to date, has not been conclusively resolved.

The 2005 Battlefield Trust report indicates that any windows of open ground, even in urban areas, could be of great potential in terms of gaining clues as to the location of the battle of Bannockburn. It was noted by Stirling Council that the areas of both cemetery proposals provided such windows (Main 2007).

The first edition OS map (1865-6) of the New Line Road site depicts a Roman road running north-west/south-east across the site. This Roman road has an important relationship to the Battle of Bannockburn as it was the route that Edward's army is reported to have marched as they moved north (Pollard & Oliver 2003, 51). It was suspected, however, that the route marked on the first, and subsequent, editions of the OS was a possible rather than a known one.

The New Line Road site is bounded on its southern side by Milton Bog. Three stakes were recovered in the nineteenth century from this bog. These were thought to have been associated with pits dug by Robert the Bruce to trap Edward's cavalry at the Battle of Bannockburn. The stakes show no evidence of sharpening or burning and it should be noted that radiocarbon dates obtained for these stakes put them into the Mesolithic (Pollard & Oliver 2003, 62).

There is no record of previous archaeological work on either site.

5.0 Aims and Objectives

The main aim of the metal detector survey was to determine the presence or absence of archaeological artefacts associated with the Battle of Bannockburn within the development areas at Ladywell Park and New Line Road. The objectives of the programme of metal detector survey at both sites were to accurately locate and recover all significant finds, from any period.

The aims and objectives of the archaeological evaluation at the New Line Road site were to:

- establish the presence or absence of archaeological remains on the site through a series of trial trenches to be excavated by machine;
- assess the character, extent, condition and significance of any archaeological remains present;
- establish the vulnerability of significant features within the site boundary to development activities;
- recommend appropriate measures to mitigate the impact of the development upon the archaeological resource, if necessary.

6.0 Methodology

6.1 *Metal Detector Survey*

A metal-detector survey was undertaken across the entire area of both the Ladywell Park and New Line Road sites (Figures 1 & 2). This included the new access road at Ladywell Park. A 20 m grid was established across the sites and surveyed in using a Leica Total Station. A team of seven metal detectorists swept the grid squares for traces of any metal. Metal detector signal spots were marked with pin flags and only once the entire square was scanned were the signals investigated and any finds excavated.

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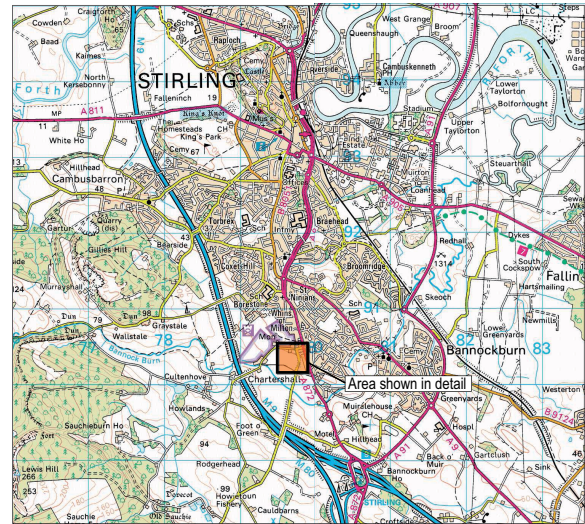


Figure 2: New Line Road Site Location with Metal Detecting Finds & evaluation Trench Locations

All relevant finds were bagged and given a unique identification number. The location of each relevant find was then plotted using a Leica Total Station.

The spoil from each evaluation trench (see below) was also scanned with a metal detector for any artefacts that may have been outwith the depth range of the detectors during the initial survey.

Artefacts retrieved during the project were subsequently catalogued and will be subject to standard Treasure Trove procedures. Their condition was assessed by a qualified finds expert.

6.2 *Evaluation*

The evaluation involved the excavation of a series of trial trenches using a mechanical excavator equipped with a flat-bladed ditching bucket, 1.6 m in width, operating under direct archaeological supervision. The area to be evaluated at New Line Road was approximately 26,000 m² in extent. The required minimum total evaluation of 8% of this area therefore equated to a minimum of 1300 m of linear trench, one machine bucket in width. In total, 1337 m of trench were opened (Figure 2), comprising an area of 2139.2 m², or just over 8% of the proposed development area. Twenty eight trenches were distributed evenly across the evaluation area (Figure 2). Details of the methodologies employed are given below:

- The trenches were opened using a mechanical excavator equipped with a flat-bladed ditching bucket, operating under constant archaeological supervision. Topsoil and any other modern make-up or demolition deposits were removed by machine down to the level of the first significant archaeological horizon or the natural subsoil, whichever was encountered first.
- Thereafter, cleaning and recording work in all trenches was conducted by hand with the exception of test pits excavated to obtain sections through non-archaeological (i.e. geological) deposits within the trenches. Any potentially-significant archaeological features encountered were recorded and excavated to the extent necessary to achieve the aims of the project (see Section 5.0 above).
- All trenches and all features located were recorded by conventional and digital photography, measured drawing and written description.

The evaluation trenches were surveyed and located using a Leica Total Station.

Conditions for the evaluation were cold and windy, yet dry.

7.0 Results

7.1 *Metal Detector Survey*

A full list of the finds recovered from the metal detector surveys on both sites is given in Appendix 12.3 and the location of their recovery is depicted on Figures 1 and 2. A brief overview of the finds is given below. The numbers in brackets refer to the find number assigned to each individual artefact or group of artefacts.

Neither of the sites yielded any finds that could be clearly attributed to the Battle of Bannockburn of 1314.

All but one of the finds from the metal detector survey of the Ladywell Park site relate to the very late nineteenth century and the twentieth century, consisting, in the majority, of coins but also including a General Service button (LP016). The only find potentially of an earlier date is a large pewter spoon head possibly dating to the eighteenth century (LP008).

The metal detector survey of the New Line Road site also recovered a series of nineteenth- and twentieth-century artefacts, including coins and heavily-corroded iron objects. In addition, a series of artefacts were recovered which may date to the eighteenth century or before. These include two musket balls (MB013 & MB029), one of which was distorted indicating that it had hit something, copper alloy and pewter buttons (MB007 & MB019), corroded coins (MB002 & MB008), including a suspected eighteenth-century Cartwheel Penny (MB027), small buckles (MB020 & MB012), a lead ball with a linear perforation through its centre (MB022), which may be an adapted large musket ball or grapeshot, and a fragment of a pewter tankard or cooking vessel (MB009). A small coin was also recovered during the scanning of topsoil removed from the evaluation trenches (SF20). There were no clear markings on it, but it appeared to be of some antiquity and may be Medieval or Roman in date.

It is known that there was Jacobite activity in this area in 1746 relating to the siege of Stirling Castle and the battle of Falkirk (Foard & Partida 2005). It is possible that some of the eighteenth-century artefacts recovered from the New Line Road site relate to this activity, although no distribution patterns were visible that give any indication of specific activities.

7.2 Evaluation

Details of each evaluation trench are given in Appendix 12.2. Overall, no significant features of archaeological interest were noted within the evaluation trenches.

A brief outline of notable deposits that were present is given below. Numbers in brackets indicate the context number of the deposit or feature.

Running east/west across the southern end of Trench 8 was a linear feature approximately 2.5 m in width and extending outwith the trench edges at either side. This feature was filled with a sterile dark grey/brown sandy silt with moderate-to-occasional sub-rounded pebble and gravel inclusions (005). In section, the feature showed no clear evidence of having been a cut, but more of a regular, gradually-sloping natural depression in the gravel subsoil. The feature was interpreted as being the result of the silting up of a depression/channel in the gravel terrace and not archaeological in origin. Fainter traces of the feature were also noted in Trench 7 to the west.

Grey silts encountered within Trenches 14 and 28 appear to represent the remains of a palaeo-channel, although the course of this was not clearly defined within the evaluation trenches.

At the western end of Trench 15, a distinct concentration of cobbles (003) was visible in the subsoil extending outwith the northern edge of the trench. In plan, this feature exhibited no defining shape; it was up to 3 m in width where visible. A slot through the feature showed that it had a depth of 0.2 m and there was no clearly-identifiable cut. The matrix around the cobbles was identical to the surrounding natural subsoil and showed no signs of re-deposition. It is suspected that this feature is a relatively-modern agricultural feature and represents the placement of stones within a boggy or wet area of ground in order to stabilise it.

8.0 Discussion

Overall there were no artefacts recovered from the metal detector survey or archaeological deposits or features uncovered within the evaluation trenches that clearly related to the Battle of Bannockburn and, therefore, no further insight was gained into the exact location of the battle.

The only find from the Ladywell Park site potentially dating to earlier than the nineteenth century is a large pewter spoon head that may date to the eighteenth century.

The metal detector survey of the New Line Road site recovered a series of artefacts that potentially date to the eighteenth century or before. These included coins, buttons, two musket balls, small buckles and a fragment of a pewter tankard or cooking vessel. It is known that there was Jacobite activity in this area in 1746 relating to the siege of Stirling Castle and the battle of Falkirk and it is possible that these eighteenth-century artefacts recovered from the New Line Road site relate to this activity.

The 28 trenches, representing 8% of the total area proposed for development at New Line Road, did not uncover any features or deposits deemed to be of archaeological significance. This negative evidence suggests that the Roman road depicted on the first edition OS map was an informed guess as to its location rather than an exact route based on surviving evidence.

9.0 Recommendations

Based on the results of the metal detector survey at the two proposed cemetery sites and the archaeological evaluation at the New Line Road site, reported above, there is no evidence for the presence of significant archaeological features or finds within the proposed development area and it is consequently recommended that no further archaeological works should be necessary on the site.

10.0 Acknowledgements

The evaluation was undertaken with the assistance of Donna Maguire. Dr. Tony Pollard commented on the finds. The project was managed for GUARD by Angela Boyle and Tony Pollard. Many thanks are extended to the metal detectorists of the Scottish Artefact Recovery Group who undertook the metal detector survey. The project was monitored for Stirling Council by Lorna Main.

The report was copy edited by Chris Dalglish, desk-top published by Jen Cochrane and bound by John Carroll. The illustrations were produced by John Arthur.

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12.0 Appendices

12.1 *List of Contexts*

<i>Area</i>	<i>Context</i>	<i>Description</i>	<i>Interpretation/Relationships</i>
Tr 1	001	Loosely-compacted silty loam	Topsoil
Tr 1	002	Orange/brown sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 2	001	Loosely-compacted silty loam	Topsoil
Tr 2	002	Orange/brown sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 3	001	Loosely-compacted silty loam	Topsoil
Tr 3	002	Orange/brown sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 4	001	Loosely-compacted silty loam	Topsoil
Tr 4	002	Orange/brown sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 4	003	Brown/orange silt with occasional sub-angular pebble inclusions	Colluvial deposit at base of slope
Tr 4	004	Brown silt with frequent sub-angular pebble & gravel inclusions, mottled with patches of yellow silt/clay. Present at S end of Tr only	Possible edge of Milton Bbog before it was drained
Tr 5	001	Loosely-compacted silty loam	Topsoil
Tr 5	002	Orange/brown sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 5	003	Brown/orange silt with occasional sub-angular pebble inclusions	Natural colluvial deposit at base of slope
Tr 5	004	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 6	001	Looselycompacted silty loam	Topsoil
Tr 6	002	Orange/brown sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 6	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 7	001	Loosely-compacted silty loam	Topsoil
Tr 7	002	Orange/brown sandy silt with occasional subangular gravel & pebble inclusions	Natural Subsoil
Tr 7	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 7	004	Dark grey/brown sandy silt with moderate -to occasional sub-rounded pebble & gravel inclusions	Natural silting of linear depression in gravels. Also present in Tr 8 (005)
Tr 8	001	Loosely-compacted silty loam	Topsoil
Tr 8	002	Orange/brown sandy silt with slight clay content & occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 8	003	Brown/orange sandy silt with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 8	004	Narrow band of yellow/grey silty sand with moderate amount of sub-angular pebble a & cobble inclusions	Natural Subsoil
Tr 8	005	Dark grey/brown sandy silt with moderate-to-occasional sub-rounded pebble & gravel inclusions	Natural silting of linear depression in gravels. Also present in Tr 7 (004)
Tr 8	006	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 9	001	Loosely-compacted silty loam	Topsoil

12.1 *List of Contexts* (cont)

<i>Area</i>	<i>Context</i>	<i>Description</i>	<i>Interpretation/Relationships</i>
Tr 9	002	Light grey/brown silty clay with slight sand content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 9	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 10	001	Loosely-compacted silty loam	Topsoil
Tr 10	002	Red/brown silty sand with occasional sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 11	001	Loosely-compacted silty loam	Topsoil
Tr 11	002	Grey/brown silty sand with occasional sub-angular pebble inclusions	Natural Subsoil
Tr 11	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 12	001	Loosely-compacted silty loam	Topsoil
Tr 12	002	Red/grey/brown silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 13	001	Loosely-compacted silty loam	Topsoil
Tr 13	002	Red/grey/brown silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 14	001	Loosely-compacted silty loam	Topsoil
Tr 14	002	Grey/brown silt with slight clay content & occasional sub-angular pebble inclusions	Silts of possible palaeochannel
Tr 14	003	Grey/brown silty sand with slight clay content & moderate amount of sub-angular pebble inclusions	Natural Subsoil
Tr 14	004	Red/grey/brown silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 15	001	Loosely-compacted silty loam	Topsoil
Tr 15	002	Grey/orange silty sand with slight clay content & a moderate amount of sub-angular pebble inclusions	Natural Subsoil
Tr 15	003	Concentration of sub-rounded and sub-angular cobbles	Stone feature
Tr 15	004	Grey/brown silt with slight clay content & occasional sub-angular pebble inclusions Up to 0.2 m deep and overlies 002	Natural silt layer above 002
Tr 16	001	Loosely-compacted silty loam	Topsoil
Tr 16	002	Grey/orange silty sand with slight clay content & a moderate amount of sub-angular pebble inclusions	Natural Subsoil
Tr 17	001	Loosely-compacted silty loam	Topsoil
Tr 17	002	Grey/orange silty sand with slight clay content & a moderate amount of sub-angular pebble inclusions	Natural Subsoil
Tr 18	001	Loosely-compacted silty loam	Topsoil
Tr 18	002	Grey/brown silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 19	001	Loosely-compacted silty loam	Topsoil
Tr 19	002	Grey/brown silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 20	001	Loosely-compacted silty loam	Topsoil

12.1 *List of Contexts (cont)*

<i>Area</i>	<i>Context</i>	<i>Description</i>	<i>Interpretation/Relationships</i>
Tr 20	002	Grey/brown silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 21	001	Loosely-compacted silty loam	Topsoil
Tr 21	002	Brown/grey silty sand with slight clay content & occasional sub-angular pebble inclusions	Natural Subsoil
Tr 22	001	Loosely-compacted silty loam	Topsoil
Tr 22	002	Grey/brown silty sand with slight clay content & occasional sub angular pebble inclusions	Natural Subsoil
Tr 22	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural gravel terrace along S edge of site
Tr 23	001	Loosely-compacted silty loam	Topsoil
Tr 23	002	Yellow/grey/brown silty sand with slight clay content & occasional-to-moderate sub-angular pebble inclusions	Natural Subsoil
Tr 23	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Gravel terrace
Tr 24	001	Loosely-compacted silty loam	Topsoil
Tr 24	002	Grey silty sand mottled with yellow decomposing stone patches & occasional sub-angular pebble & cobble inclusions	Natural Subsoil
Tr 24	003	Brown silty sand with frequent sub-angular gravel & pebble inclusions	Natural Subsoil
Tr 25	001	Loosely-compacted silty loam	Topsoil
Tr 25	002	Yellow/grey/brown silty sand with occasional sub-angular pebble inclusions	Natural Subsoil
Tr 25	003	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Gravel terrace
Tr 26	001	Loosely-compacted silty loam	Topsoil
Tr 26	002	Grey/orange silty sand with slight clay content & occasional of sub-angular pebble inclusions	Natural Subsoil
Tr 27	001	Loosely-compacted silty loam	Topsoil
Tr 27	002	Red/brown silty sand with frequent sub-angular gravel & pebble inclusions	Gravel terrace
Tr 27	003	Grey/brown silty clay mottled with grey and yellow patches of decomposing stone. Runs in linear bands NW/SE	Possible small palaeo channels
Tr 28	001	Loosely-compacted silty loam	Topsoil
Tr 28	002	Grey/brown silt with slight clay content & occasional sub-angular pebble inclusions	Silts of possible palaeochannel
Tr 28	003	Grey/brown silty sand with slight clay content & moderate amount of sub-angular pebble inclusions	Natural Subsoil
Tr 28	004	Red/grey/brown silty sand with frequent sub-angular pebble inclusions	Natural gravel subsoil

12.2 *Details of Evaluation Trenches*

<i>Trench</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Topsoil/Overburden</i>	<i>Subsoil</i>	<i>Details</i>
1	40	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Orange/brown sandy silt	No archaeology present 6 field drains visible, none broken
2	40	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Orange/brown sandy silt	No archaeology present 6 field drains visible, one broken

12.2 Details of Evaluation Trenches (cont)

<i>Trench</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Topsoil/Overburden</i>	<i>Subsoil</i>	<i>Details</i>
3	50	1.6	001: Loosely-compacted silty loam 0.25-0.3 m in depth	002: Orange/brown sandy silt	No archaeology present5 field drains visible, none broken
4	70	1.6	001: Loosely-compacted silty loam 0.3-0.4 m in depth	002: Orange/brown sandy silt 003: Brown/orange silt 004: Brown silt with frequent sub angular pebble & gravel inclusions	No archaeology present2 field drains visible, 1 broken
5	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Orange/brown sandy silt 003: Brown/orange silt 004: Red/brown silty sand/gravels	No archaeology present No field drains visible
6	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Orange/brown sandy silt 003: Red/brown silty sand/gravels	No archaeology present 1 field drain visible, none broken
7	50	1.6	001: Loosely-compacted silty loam 0.4 m in depth	002: Orange/brown sandy silt 003: Red/brown silty sand & pebbles 004: Dark grey/brown silt sand	No archaeology present No field drains visible 004 most likely represents silting up of a natural depression in the gravels: see section 7.0
8	50	1.6	001: Loosely-compacted silty loam 0.35 m in depth	002: Orange/brown sandy silt 003: Brown/orange silt 004: Yellow/grey silty sand 005: Dark grey/brown silt sand 006: Red/brown silty sand/gravels	No archaeology present No field drains visible 005 most likely represents silting up of a natural depression in the gravels: see section 7.0
9	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Light grey/brown silt/clay 003: Red/brown silty sand/gravels	No archaeology present No field drains visible
10	22	1.6	001: Loosely-compacted silty loam 0.2 m-0.3 m in depth	002: Red/grey/brown silt/sand	No archaeology present 2 field drains visible, 1 broken

12.2 Details of Evaluation Trenches (cont)

<i>Trench</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Topsoil/Overburden</i>	<i>Subsoil</i>	<i>Details</i>
11	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Grey/brown silt/sand 003: Red/brown silty sand/gravels	No archaeology present 1 field drain visible, not broken. Sewer service trench visible within trench
12	50	1.6	001: Loosely-compacted silty loam 0.25-0.3 m in depth	002: Red/grey/brown silt/sand	No archaeology present 4 field drains visible, none broken
13	50	1.6	001: Loosely-compacted silty loam 0.3-0.35 m in depth	002: Red/grey/brown silt/sand	No archaeology present 5 field drains visible, 3 broken
14	50	1.6	001: Loosely-compacted silty loam 0.3-0.35 m in depth	002: Grey/brown silt 003: Grey/brown silt/sand/gravels 004: Red/grey/brown silty sand	3 field drains visible, 1 broken 002 most likely represents a silted up palaeochannel: see section 7.0
15	50	1.6	001: Loosely-compacted silty loam 0.3-0.35 m in depth	002: grey/orange silt/sand/clay 004: Grey/brown silt	Concentration of cobbles (003): see section 7.0 6 field drains visible, 2 broken
16	50	1.6	001: Loosely-compacted silty loam 0.3-0.35 m in depth	002: Grey/brown silt/sand	No archaeology present 7 field drains visible, 2 broken
17	50	1.6	001: Loosely-compacted silty loam 0.3-0.4 m in depth	002: Grey/brown silt/sand	No archaeology present 7 field drains visible, 4 broken
18	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: brown/grey silt/sand/clay	No archaeology present 6 field drains visible, none broken
19	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: brown/grey/silt/sand/clay	No archaeology present 3 field drains visible, none broken
20	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: brown/grey silt/sand/clay	No archaeology present 3 field drains visible, none broken
21	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: brown/grey silt/sand/clay	No archaeology present 1 field drains visible, not broken
22	50	1.6	001: Loosely-compacted silty loam 0.25-0.35 m in depth	002: brown/grey silt/sand/clay 003: Red/brown silty sand/gravels	No archaeology present 4 field drains visible, 1 broken

12.2 Details of Evaluation Trenches (cont)

<i>Trench</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Topsoil/Overburden</i>	<i>Subsoil</i>	<i>Details</i>
23	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: brown/grey silt/sand/clay 003: Red/brown silty sand/gravels	No archaeology present 3 field drains visible, 1 broken
24	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: grey silt/sand 003: brown silt/sand/gravel	No archaeology present 7 field drains visible, 3 broken
25	30	1.6	001: Loosely-compacted silty loam 0.3-0.4 m in depth	002: yellow/brown silt/sand 003: Red/brown silt/sand/gravels	No archaeology present 4 field drains visible, 1 broken
26	45	1.6	001: Loosely-compacted silty loam 0.25-0.3 m in depth	002: orange/brown silt/sand/clay	No archaeology present 2 field drains visible, none broken
27	40	1.6	001: Loosely-compacted silty loam 0.25-0.3 m in depth	002: Red/brown silt/sand/gravels 003: grey/brown silt/clay	No archaeology present No drains visible
28	50	1.6	001: Loosely-compacted silty loam 0.3 m in depth	002: Grey silt 003: Grey/brown silt/sand 004: Red/Brown silt/sand/gravels	No Archaeology present 002 most likely represents a silted up palaeochannel: see section 7.0 3 field drains visible, 2 broken

12.3 List of Finds: Metal Detecting

Area 1 = Ladywell Park Site & Area 2 = New Line Road/Milton Bog Site

<i>Area</i>	<i>Find No</i>	<i>Context No</i>	<i>No of Pieces</i>	<i>Material</i>	<i>Type</i>	<i>Description</i>
1	LP001	001	1	Metal	Alloy	1p - cut
1	LP002	001	1	Metal	Alloy	6 pence
1	LP003	001	1	Metal	Alloy	½ penny - 1944
1	LP004	001	1	Metal	Alloy	2p - cut
1	LP005	001	1	Metal	Alloy	3 pence - 1942
1	LP006	001	1	Metal	Alloy	Penny - 1900; & Penny - 1896 (cut)
1	LP007	001	1	Metal	Iron	Possible file
1	LP008	001	1	Metal	Pewter	Large spoon. Possibly 18 th cent.
1	LP009	001	12	Metal	Alloy	Penny - 1900; & Penny - 1896 (cut)
1	LP010	001	2	Metal	Alloy	Penny - 1928; & tent fastening
1	LP011	001	1	Metal	Alloy	1941 Penny - 1929
1	LP012	001	1	Metal	Alloy	½ penny - 1918
1	LP013	001	1	Metal	Alloy	Penny - 1913
1	LP014	001	1	Metal	Alloy	Penny - 1929
1	LP015	001	1	Metal	Alloy	2p
1	LP016	001	1	Metal	Alloy	General Service button
1	LP017	001	1	Metal	Alloy	1p - 1985 (- cut)

12.3 *List of Finds: Metal Detecting* (cont)

Area 1 = Ladywell Park Site & Area 2 = New Line Road/Milton Bog Site

<i>Area</i>	<i>Find No</i>	<i>Context No</i>	<i>No of Pieces</i>	<i>Material</i>	<i>Type</i>	<i>Description</i>
1	LP018	001	1	Metal	Alloy	½p - 1978
2	MB001	001	1	Metal	Lead	Small stud
2	MB002	001	1	Metal	Alloy	Corroded Coin. Possible 18 th cent.
2	MB003	001	1	Metal	Unknown	Unknown object
2	MB004	001	1	Metal	Copper Alloy	Probable part of a lantern. Most likely 19 th /20 th cent.
2	MB005	001	1	Metal	Iron	Unknown corroded iron object
2	MB006	001	1	Metal	Lead	Unknown lead object
2	MB007	001	1	Metal	Pewter	Button. Probably 18 th cent.
2	MB008	001	1	Metal	Alloy	Corroded Coin. Possible 18 th cent.
2	MB009	001	1	Metal	Pewter	Fragment of pewter cooking vessel or tankard. Probably Post-Medieval
2	MB010	001	1	Metal	Copper Alloy	Small bird talon which would have screwed onto wood. Possible 19 th cent.
2	MB011	001	1	Metal	Lead	Small fastening?
2	MB012	001	1	Metal	Copper Alloy	Buckle
2	MB013	001	1	Metal	Lead	Fired musket ball, possibly .69 calibre
2	MB014	001	1	Metal	Iron	Unknown corroded iron object
2	MB015	001	1	Metal	Alloy	Button. Probably 19 th cent.
2	MB016	001	1	Metal	Lead	Unknown lead object
2	MB017	001	1	Metal	Alloy	Corroded Coin. Possible 18 th cent.
2	MB018	001	1	Metal	Copper Alloy	19 th century croatal bell. Inscription 'Victoria No 23'
2	MB019	001	1	Metal	Pewter	Pewter button with impressed flower design & intact eyelet. Probably 18 th cent.
2	MB020	001	1	Metal	Copper Alloy	Small buckle
2	MB021	001	1	Metal	Unknown	Unknown object
2	MB022	001	1	Metal	Lead	Lead ball, perforated, possible modified musket ball or Grapeshot
2	MB023	001	1	Metal	Alloy	Corroded Coin. Possible 19 th cent.
2	MB024	001	1	Metal	Copper Alloy	Spoon head. 19 th /20 th cent.
2	MB025	001	1	Metal	Alloy	Corroded coin. Possible 19 th cent.
2	MB026	001	1	Metal	Alloy	Small fastening?
2	MB027	001	1	Metal	Alloy	Cartwheel Penny. 18 th cent.
2	MB028	001	1	Metal	Iron	Unknown corroded iron object
2	MB029	001	1	Metal	Lead	Fired musket ball, distorted, possibly .69 calibre
2	MB030	001	1	Metal	Copper Alloy	Buckle
2	MB031	001	1	Metal	Alloy	Chequered decorated button. Possible 18 th cent.
2	MB032	001	1	Metal	Iron & Alloy	Padlock
2	MB033	001	1	Metal	Copper Alloy	Buckle
2	MB034	001	1	Metal	Iron	Large horse shoe c 0.2 m across
2	MB035	001	1	Metal	Lead	Slightly conical piece of lead, hollow flat end, two holes in side at one end. Possibly would have attached to end of a wooden pole.
2	MB036	001	1	Metal	Iron	Unknown

12.3 *List of Finds: Metal Detecting* (cont)

Area 1 = Ladywell Park Site & Area 2 = New Line Road/Milton Bog Site

<i>Area</i>	<i>Find No</i>	<i>Context No</i>	<i>No of Pieces</i>	<i>Material</i>	<i>Type</i>	<i>Description</i>
2	MB037	001	1	Metal	Iron	Unknown corroded iron object
2	MB038	001	1	Metal	Lead	Unknown
2	MB039	001	1	Metal	Iron	Iron ring 0.07 m in diameter
2	MB040	001	1	Metal	Unknown	Possible knife
2	MB041	001	1	Metal	Copper Alloy	Cu Alloy fitting

12.4 *List of Finds: Evaluation Trenches*

<i>Find No</i>	<i>Context No</i>	<i>Trench</i>	<i>No of Pieces</i>	<i>Material</i>	<i>Type</i>	<i>Description</i>
1	001	11	4	Ceramic	Post-Medieval	Small body sherds
2	001	7	2	Ceramic	Post-Medieval	Small body sherds
3	001	3	2	Ceramic	Post-Medieval	Small plate body sherds
4	001	14	1	Ceramic	Post-Medieval	Thick body sherds
5	001	5	4	Ceramic	Post-Medieval	Body sherds
6	001	9	3	Ceramic	Post-Medieval	Thick body sherds
7	001	1	1	Glass	Post-Medieval	Body sherds
8	001	13	1	Ceramic	Post-Medieval	Body sherds
9	001	12	2	Ceramic	Post-Medieval	Body sherds
10	001	10	4	Ceramic	Post-Medieval	Body sherds
11	001	4	2	Ceramic	Post-Medieval	2 base sherds
12	001	27	11	Metal	Iron	5 nails, 6 unknown
13	001	20	7	Metal	Iron	1 bolt, 2 nails, 4 unknown
14	001	8	1	Metal	Iron	Large iron spike c 0.4 m in length
15	001	27	2	Slag	Unknown	2 small pieces
16	001	17	6	Metal	Iron	1 nail, 5 unknown
17	001	21	8	Metal	Iron	2 possible knives, 2 nail heads, 4 unknown
18	001	3	5	Metal	Iron	1 horse shoe, 4 unknown
19	001	20	1	Metal	Unknown	Double-perforated, heavily-corroded coin. One perforation appears square
20	001	19	1	Metal	Unknown	Possible Medieval/Roman coin. No markings visible
21	001	4	1	Metal	Iron	Unknown. Possible rim of vessel visible
22	001	5	1	Metal	Iron	Unknown
23	001	13	1	Metal	Iron	Nail
24	001	2	1	Metal	Iron	Unknown
25	001	6	1	Metal	Iron	Unknown
26	001	19	16	Metal	Iron	9 nails, 2 bolts, 5 unknown
27	001	19	1	Metal	Lead	Unknown
28	001	23	1	Metal	Iron	Iron bar with right-angled turn
29	001	24	4	Metal	Iron	2 nails, 2 unknown
30	001	8	1	Metal	Iron	Large nail?
31	001	25	2	Metal	Iron	Unknown
32	001	10	1	Metal	Iron	Unknown

12.5 *List of Drawings*

<i>Area</i>	<i>Drawing No</i>	<i>Sheet No</i>	<i>Subject</i>	<i>Scale</i>
Tr 1	1	1	Plan of Trench	1:100
Tr 2	2	1	Plan of Trench	1:100
Tr 3	3	1	Plan of Trench	1:100
Tr 4	4	1	Plan of Trench	1:100
Tr 5	5	1	Plan of Trench	1:100
Tr 6	6	1	Plan of Trench	1:100
Tr 7	7	2	Plan of Trench	1:100
Tr 8	8	2	Plan of Trench	1:100
Tr 9	9	2	Plan of Trench	1:100
Tr 10	10	2	Plan of Trench	1:100
Tr 11	11	2	Plan of Trench	1:100
Tr 12	12	2	Plan of Trench	1:100
Tr 13	13	3	Plan of Trench	1:100
Tr 14	14	3	Plan of Trench	1:100
Tr 15	15	3	Plan of Trench	1:100
Tr 16	16	3	Plan of Trench	1:100
Tr 17	17	3	Plan of Trench	1:100
Tr 18	18	3	Plan of Trench	1:100
Tr 19	19	4	Plan of Trench	1:100
Tr 20	20	4	Plan of Trench	1:100
Tr 21	21	4	Plan of Trench	1:100
Tr 22	22	4	Plan of Trench	1:100
Tr 23	23	4	Plan of Trench	1:100
Tr 24	24	4	Plan of Trench	1:100
Tr 25	25	5	Plan of Trench	1:100
Tr 26	26	5	Plan of Trench	1:100
Tr 27	27	5	Plan of Trench	1:100
Tr 28	28	5	Plan of Trench	1:100
Tr 1	29	6	5 m example of N facing section at W end of Tr	1:50
Tr 2	30	6	5 m example of N facing section at W end of Tr	1:50
Tr 3	31	6	5 m example of N facing section at W end of Tr	1:50
Tr 4	32	6	5 m example of E facing section at N end of Tr	1:50
Tr 5	33	6	5 m example of E facing section at N end of Tr	1:50
Tr 6	34	6	5 m example of W facing section at N end of Tr	1:50
Tr 7	35	6	5 m example of E facing section at S end of Tr	1:50
Tr 8	36	6	5 m example of E facing section at S end of Tr	1:50
Tr 9	37	6	5 m example of E facing section at S end of Tr	1:50
Tr 10	38	6	5 m example of SSE facing section at WSW end of Tr	1:50
Tr 11	39	6	5 m example of E facing section at S end of Tr	1:50
Tr 12	40	6	5 m example of S facing section at W end of Tr	1:50
Tr 13	41	6	5 m example of N facing section at W end of Tr	1:50
Tr 14	42	6	5 m example of N facing section at W end of Tr	1:50
Tr 15	43	6	5 m example of N facing section at W end of Tr	1:50
Tr 16	44	6	5 m example of N facing section at W end of Tr	1:50
Tr 17	45	6	5 m example of N facing section at W end of Tr	1:50
Tr 18	46	6	5 m example of NW facing section at SW end of Tr	1:50
Tr 19	47	7	5 m example of SE facing section at NE end of Tr	1:50
Tr 20	48	7	5 m example of SE facing section at NE end of Tr	1:50
Tr 21	49	7	5 m example of SE facing section at NE end of Tr	1:50
Tr 22	50	7	5 m example of SE facing section at NE end of Tr	1:50
Tr 23	51	7	5 m example of S facing section at E end of Tr	1:50
Tr 24	52	7	5 m example of S facing section at E end of Tr	1:50
Tr 25	53	7	5 m example of S facing section at E end of Tr	1:50
Tr 26	54	7	5 m example of SW facing section at NW end of Tr	1:50
Tr 27	55	7	5 m example of SE facing section at NE end of Tr	1:50
Tr 28	56	7	5 m example of E facing section at S end of Tr	1:50

12.6 List of Photographs

Film 1: Colour Print

Area	Frame	Subject	Taken From
-	1	Film ID Shot	-
-	2	General shot of site prior to trenching	NW
Tr 1	3	General shot	W
Tr 1	4	S facing section - W end of Tr	S
Tr 1	5	General shot	E
Tr 2	6	General shot	E
Tr 2	7	S facing section - W end Tr	S
Tr 2	8	General shot	W
Tr 2	9	Broken drain - W end of Tr	S
Tr 4	10	General shot of trenching	SE
Tr 3	11	General shot	W
Tr 3	12	S facing section - W end of Tr	S
Tr 3	13	General shot	E
Tr 4	14	General shot	N
-	15	General working shot	NW
Tr 4	16	E facing section - N end of Tr	E
Tr 4	17	General shot	S
-	18	General working shot	SW
Tr 4	19	Broken field drain	S
Tr 4	20	Broken field drain	E
Tr 5	21	General shot	S
Tr 5	22	E facing section - S end of Tr	E
Tr 5	23	General shot	N
Tr 6	24	General shot	S
Tr 6	25	E facing section - S end of Tr	E
Tr 6	26	General shot	N
-	27	General shot of trenches in W part of site	NW
-	28	General shot of trenches in W part of site	NNW
Tr 7	29	General shot	N
Tr 7	30	General shot	S
Tr 7	31	E facing section - S end of Tr	E
Tr 8	32	General shot	S
Tr 8	33	E facing section - S end of Tr	E
Tr 8	34	General shot	N
-	35	General shot of trenching	NW

Film 2: B&W Print

Area	Frame	Subject	Taken From
-	1	Film ID Shot	-
-	2	General shot of site prior to trenching	NW
Tr 1	3	General shot	W
Tr 1	4	S facing section - W end of Tr	S
Tr 1	5	General shot	E
Tr 2	6	General shot	E
Tr 2	7	S facing section - W end Tr	S
Tr 2	8	General shot	W
Tr 2	9	Broken drain - W end of Tr	S
Tr 4	10	General shot of trenching	SE
Tr 3	11	General shot	W
Tr 3	12	S facing section - W end of Tr	S
Tr 3	13	General shot	E
Tr 4	14	General shot	N
-	15	General working shot	NW
Tr 4	16	E facing section - N end of Tr	E

Film 2: B&W Print (cont)

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 4	17	General shot	S
-	18	General working shot	SW
Tr 4	19	Broken field drain	S
Tr 4	20	Broken field drain	E
Tr 5	21	General shot	S
Tr 5	22	E facing section - S end of Tr	E
Tr 5	23	General shot	N
Tr 6	24	General shot	S
Tr 6	25	E facing section - S end of Tr	E
Tr 6	26	General shot	N
-	27	General shot of trenches in W part of site	NW
-	28	General shot of trenches in W part of site	NNW
Tr 7	29	General shot	N
Tr 7	30	General shot	S
Tr 7	31	E facing section - S end of Tr	E
Tr 8	32	General shot	S
Tr 8	33	E facing section - S end of Tr	E
Tr 8	34	General shot	N
-	35	General shot of trenching	NW

Film 3: Colour Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 14	1	Machine excavated test slot - E end of Tr	N
Tr 14	2	Broken clay drain in test slot.	S
-	3	General shot of site	NW
Tr 9	4	General shot	N
Tr 9	5	General shot	S
Tr 9	6	E facing section - S end of Tr	E
Tr 8	7	W facing section through channel 005	W
Tr 8	8	General shot of section through 005 and gravels 006 to S	S
Tr 11	9	General shot	N
Tr 11	10	Broken drain	S
Tr 11	11	General shot	S
Tr 11	12	E facing section - S end of Tr	E
Tr 15	13	General working shot	W
Tr 15	14	Pre excavation shot of stones 003	S
Tr 15	15	Pre excavation shot of stones 003	SE
Tr 10	16	General shot	ENE
Tr 10	17	Broken drain - NE end Tr	NE
Tr 10	18	General shot	WSW
Tr 10	19	SE facing section - SW end Tr	SSE
Tr 15	20	S facing section through stones 003	S
Tr 15	21	N-S running palaeo-channel	W
Tr 12	22	General shot	E
Tr 12	23	General shot	W
Tr 12	24	S facing section - E end of Tr	S
Tr 13	25	N facing section - E end of Tr	N
Tr 13	26	General shot	E
Tr 13	27	Broken drain - E end of Tr	N
Tr 13	28	General shot	W
Tr 13	29	Broken clay drains - W end of Tr	S
Tr 14	30	General shot	W
Tr 14	31	N facing section - W end of Tr	N
Tr 14	32	General shot - E end of Tr - backfilled test pit	E

Film 3: Colour Print (cont)

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 15	33	General shot	E
-	34	Film ID Shot	-

Film 4: B&W Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
-	1	Film ID Shot	-
Tr 14	2	Machine excavated test slot - E end of Tr	N
Tr 14	3	Broken clay drain in test slot	S
-	4	General shot of site	NW
Tr 9	5	General shot	N
Tr 9	6	General shot	S
Tr 9	7	E facing section - S end of Tr	E
Tr 8	8	W facing section through channel 005	W
Tr 8	9	General shot of section through 005 and gravels 006 to S of	S
Tr 11	10	General shot	N
Tr 11	11	Broken drain	S
Tr 11	12	General shot	S
Tr 11	13	E facing section - S end of Tr	E
Tr 15	14	General working shot	W
Tr 15	15	Pre excavation shot of stones 003	S
Tr 15	16	Pre excavation shot of stones 003	SE
Tr 10	17	General shot	ENE
Tr 10	18	Broken drain - NE end Tr	NE
Tr 10	19	General shot	WSW
Tr 10	20	SE facing section - SW end Tr	SSE
Tr 15	21	S facing section through stones 003	S
Tr 15	22	N-S running palaeo-channel	W
Tr 12	23	General shot	E
Tr 12	24	General shot	W
Tr 12	25	S facing section - E end of Tr	S
Tr 13	26	N facing section - E end of Tr	N
Tr 13	27	General shot	E
Tr 13	28	Broken drain - E end of Tr	N
Tr 13	29	General shot	W
Tr 13	30	Broken clay drains - W end of Tr	S
Tr 14	31	General shot	W
Tr 14	32	N facing section - W end of Tr	N
Tr 14	33	General shot - E end of Tr - backfilled test pit	E
Tr 15	34	General shot	E

Film 5: Colour Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
-	1	Film ID Shot	-
Tr 15	2	General shot	W
Tr 15	3	N facing section - W end of Tr	N
Tr 15	4	Broken drain - W end of Tr	N
-	5	General shot of site	NW
Tr 16	6	General shot	W
Tr 16	7	S facing section - W end of Tr	S
Tr 16	8	Broken drain - Western most	N
Tr 16	9	Broken drain - Eastern most	N
Tr 16	10	General shot	E
Tr 17	11	General shot	W
-	12	General shot of site	SW

Film 5: Colour Print (cont)

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 17	13	N facing section - W end of Tr, also showing broken drain	N
Tr 17	14	Broken drain - Western most	N
Tr 17	15	Broken drain - Mid Tr	N
Tr 17	16	Broken drain - Eastern most	N
Tr 17	17	General shot	E
Tr 18	18	General shot	SW
Tr 18	19	SE facing section - SW end of Tr	SE
Tr 18	20	General shot	NE
Tr 19	21	General shot	NE
Tr 19	22	SE facing section - NW end of Tr	SE
Tr 19	23	General shot	SW
Tr 20	24	General shot	SW
Tr 20	25	SE facing section - SW end of Tr	SE
Tr 20	26	General shot	NE
Tr 21	27	General shot	NE
Tr 21	28	NW facing section - NE end of Tr	NW
Tr 21	29	General shot	SW
Tr 22	30	General shot	SW
Tr 22	31	SE facing section - SW end of Tr	SE
Tr 22	32	General shot	NE

Film 6: B&W Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
-	1	Film ID Shot	-
Tr 15	2	General shot	W
Tr 15	3	N facing section - W end of Tr	N
Tr 15	4	Broken drain - W end of Tr	N
Tr 15	5	Broken drain - Mid Tr	N
Tr 15	6	Broken drain - Mid Tr (Duplicate of frame 5)	N
-	7	General shot of site	NW
Tr 16	8	General shot	W
Tr 16	9	S facing section - W end of Tr	S
Tr 16	10	Broken drain - Western most	N
Tr 16	11	Broken drain - Eastern most	N
Tr 16	12	General shot	E
Tr 17	13	General shot	W
-	14	General shot of site	SW
Tr 17	15	N facing section - W end of Tr, also showing broken drain	N
Tr 17	16	Broken drain - Western most	N
Tr 17	17	Broken drain - Mid Tr	N
Tr 17	18	Broken drain - Eastern most	N
Tr 17	19	General shot	E
Tr 18	20	General shot	SW
Tr 18	21	SE facing section - SW end of Tr	SE
Tr 18	22	General shot	NE
Tr 19	23	General shot	NE
Tr 19	24	SE facing section - NW end of Tr	SE
Tr 19	25	General shot	SW
Tr 20	26	General shot	SW
Tr 20	27	SE facing section - SW end of Tr	SE
Tr 20	28	General shot	NE
Tr 21	29	General shot	NE
Tr 21	30	NW facing section - NE end of Tr	NW
Tr 21	31	General shot	SW
Tr 22	32	General shot	SW

Film 6: B&W Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 22	33	SE facing section - SW end of Tr	SE
Tr 22	34	General shot	NE

Film 7: Colour Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
-	1	Film ID Shot	-
Tr 22	2	Broken drain - NE end of Tr	NW
Tr 23	3	General shot	E
Tr 23	4	N facing section - E end of Tr	N
Tr 23	5	General shot	W
Tr 23	6	Broken drain - W end of Tr	S
Tr 24	7	General shot	W
Tr 24	8	S facing section - W end of Tr	S
Tr 24	9	General shot	E
Tr 24	10	Broken drain - E end of Tr	S
Tr 24	11	Broken drain - Mid/E end of Tr	S
Tr 24	12	Broken drain - E end of Tr	S
Tr 25	13	General shot	W
Tr 25	14	S facing section - W end of Tr	S
Tr 25	15	General shot	E
Tr 25	16	Broken drain - E end of Tr	S
-	17	General shot of site	SE
-	18	General shot of site	SSE
Tr 26	19	General shot	SE
Tr 26	20	NE facing section - SE end of Tr	NE
Tr 26	21	General shot	NW
Tr 27	22	General shot	SW
Tr 27	23	SE facing section - SW end of Tr	SE
Tr 27	24	General shot	NE
Tr 28	25	General shot	N
Tr 28	26	E facing section - N end of Tr	E
Tr 28	27	Large broken drain - N end of Tr	W
Tr 28	28	E facing section through silts of palaeo-channel - Mid Tr	E
Tr 28	29	Large broken drain - Mid Tr	SW
Tr 28	30	Gravel/palaeo-channel interface - E facing section - S end of Tr	E
Tr 28	31	General shot	S
-	32	General shot during backfilling	NW
-	33	General shot during backfilling	NW
Tr 10	343	Example of reinstated drain	SE
Tr 13	3435	Example of reinstated drain	N

Film 8: B&W Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
-	1	Film ID Shot	-
Tr 22	2	Broken drain - NE end of Tr	NW
Tr 23	3	General shot	E
Tr 23	4	N facing section - E end of Tr	N
Tr 23	5	General shot	W
Tr 23	6	Broken drain - W end of Tr	S
Tr 24	7	General shot	W
Tr 24	8	S facing section - W end of Tr	S
Tr 24	9	General shot	E
Tr 24	10	Broken drain - E end of Tr	S
Tr 24	11	Broken drain - Mid/E end of Tr	S

Film 8: B&W Print

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 24	12	Broken drain - E end of Tr	S
Tr 25	13	General shot	W
Tr 25	14	S facing section - W end of Tr	S
Tr 25	15	General shot	E
Tr 25	16	Broken drain - E end of Tr	S
-	17	General shot of site	SE
-	18	General shot of site	SSE
Tr 26	19	General shot	SE
Tr 26	20	NE facing section - SE end of Tr	NE
Tr 26	21	General shot	NW
Tr 27	22	General shot	SW
Tr 27	23	SE facing section - SW end of Tr	SE
Tr 27	24	General shot	NE
Tr 28	25	General shot	N
Tr 28	26	E facing section - N end of Tr	E
Tr 28	27	Large broken drain - N end of Tr	W
Tr 28	28	E facing section through silts of palaeo-channel - Mid Tr	E
Tr 28	29	Large broken drain - Mid Tr	SW
Tr 28	30	Gravel/palaeo-channel interface - E facing section - S end of Tr	E
Tr 28	31	General shot	S
-	32	General shot during backfilling	NW
-	33	General shot during backfilling	NW
Tr 10	343	Example of reinstated drain	SE
Tr 13	354	Example of reinstated drain	N

Digital Images: Metal Detector Survey

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Ladywell Park	1	General shot of metal detector survey	SW
Ladywell Park	2	General shot of metal detector survey	W
Ladywell Park	3	General shot of metal detector survey	SW
New Line Road	4	General shot of metal detector survey	NW
New Line Road	5	General shot of metal detector survey	W
New Line Road	6	General shot of metal detector survey	NW
New Line Road	7	General shot of metal detector survey	W
New Line Road	8	General shot of metal detector survey	NW
New Line Road	9	General shot of metal detector survey	S
New Line Road	10	General shot of metal detector survey	SW
New Line Road	11	General shot of metal detector survey	S
New Line Road	12	General shot of metal detector survey	S
New Line Road	13	General shot of metal detector survey	SW
New Line Road	14	General shot of metal detector survey	-
New Line Road	15	General shot of metal detector survey	-
New Line Road	16	General shot of metal detector survey	NW
New Line Road	17	General shot of metal detector survey	NW
New Line Road	18	General shot of metal detector survey	SE
New Line Road	19	General shot of metal detector survey	ESE

Digital Images: Evaluation

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
-	1	Film ID Shot	-
-	2	General shot of site prior to trenching	NW
Tr 1	3	General shot	W
Tr 1	4	S facing section - W end of Tr	S
Tr 1	5	General shot	E

Digital Images: Evaluation (cont)

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 2	6	General shot	E
Tr 2	7	S facing section - W end Tr	S
Tr 2	8	General shot	W
Tr 2	9	Broken drain - W end of Tr	S
Tr 4	10	General shot of trenching	SE
Tr 3	11	General shot	W
Tr 3	12	S facing section -W end of Tr	S
Tr 3	13	General shot	E
Tr 4	14	General shot	N
-	15	General working shot	NW
Tr 4	16	E facing section - N end of Tr	E
Tr 4	17	General shot	S
-	18	General working shot	SW
Tr 4	19	Broken field drain	S
Tr 4	20	Broken field drain	E
Tr 5	21	General shot	S
Tr 5	22	E facing section - S end of Tr	E
Tr 5	23	General shot	N
Tr 6	24	General shot	S
Tr 6	25	E facing section - S end of Tr	E
Tr 6	26	General shot	N
-	27	General shot of trenches in W part of site	NW
-	28	General shot of trenches in W part of site	NNW
Tr 7	29	General shot	N
Tr 7	30	General shot	S
Tr 7	31	E facing section - S end of Tr	E
Tr 8	32	General shot	S
Tr 8	33	E facing section - S end of Tr	E
Tr 8	34	General shot	N
-	35	General shot of trenching	NW
-	36	Film ID Shot	-
Tr 14	37	Machine excavated test slot - E end of Tr	N
Tr 14	38	Broken clay drain in test slot	S
-	39	General shot of site	NW
Tr 9	40	General shot	N
Tr 9	41	General shot	S
Tr 9	42	E facing section - S end of Tr	E
Tr 8	43	W facing section through channel 005	W
Tr 8	44	General shot of section through 005 and gravels 006 to S of	S
Tr 11	45	General shot	N
Tr 11	46	Broken drain	S
Tr 11	47	General shot	S
Tr 11	48	E facing section - S end of Tr	E
Tr 15	49	Pre excavation shot of stones 003	S
Tr 15	50	Pre excavation shot of stones 003	SE
Tr 10	51	General shot	ENE
Tr 10	52	Broken drain - NE end Tr	NE
Tr 10	53	General shot	WSW
Tr 10	54	SE facing section - SW end Tr	SSE
Tr 15	55	S facing section through stones 003	S
Tr 15	56	N-S running palaeo-channel	W
Tr 12	57	General shot	E
Tr 12	58	General shot	W
Tr 12	59	S facing section - E end of Tr	S
Tr 13	60	N facing section - E end of Tr	N
Tr 13	61	General shot	E

Digital Images: Evaluation (cont)

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 13	62	Broken drain - E end of Tr	N
Tr 13	63	General shot	W
Tr 13	64	Broken clay drains - W end of Tr	S
Tr 14	65	General shot	W
Tr 14	66	N facing section - W end of Tr	N
Tr 14	67	General shot - E end of Tr - backfilled test pit	E
Tr 15	68	General shot	E
-	69	Film ID Shot	-
Tr 15	70	General shot	W
Tr 15	71	N facing section - W end of Tr	N
Tr 15	72	Broken drain - W end of Tr	N
Tr 15	73	Broken drain - Mid Tr	N
Tr 15	74	General shot of site	NW
-	75	General shot	W
Tr 16	76	S facing section - W end of Tr	S
Tr 16	77	Broken drain - Western most	N
Tr 16	78	Broken drain - Eastern most	N
Tr 16	79	General shot	E
Tr 16	80	General shot	W
Tr 17	81	General shot of site	SW
-	82	N facing section - W end of Tr, also showing broken drain	N
Tr 17	83	Broken drain - Western most	N
Tr 17	84	Broken drain - Mid Tr	N
Tr 17	85	Broken drain - Eastern most	N
Tr 17	86	General shot	E
Tr 17	87	General shot	SW
Tr 18	88	SE facing section - SW end of Tr	SE
Tr 18	89	General shot	NE
Tr 18	90	General shot	NE
Tr 19	91	SE facing section - NW end of Tr	SE
Tr 19	92	General shot	SW
Tr 19	93	General shot	SW
Tr 20	94	SE facing section - SW end of Tr	SE
Tr 20	95	General shot	NE
Tr 20	96	General shot	NE
Tr 21	97	NW facing section - NE end of Tr	NW
Tr 21	98	General shot	SW
Tr 21	99	General shot	SW
Tr 22	100	SE facing section - SW end of Tr	SE
Tr 22	101	General shot	NE
Tr 22	102	Film ID Shot	-
-	103	Broken drain - NE end of Tr	NW
Tr 22	104	General shot	E
Tr 23	105	N facing section - E end of Tr	N
Tr 23	106	General shot	W
Tr 23	107	Broken drain - W end of Tr	S
Tr 23	108	General shot	W
Tr 24	109	S facing section - W end of Tr	S
Tr 24	110	General shot	E
Tr 24	111	Broken drain - E end of Tr	S
Tr 24	112	Broken drain - Mid/E end of Tr	S
Tr 24	113	Broken drain - E end of Tr	S
Tr 24	114	General shot	W
Tr 25	115	S facing section - W end of Tr	S
Tr 25	116	General shot	E
Tr 25	117	Broken drain - E end of Tr	S

Digital Images: Evaluation (cont)

<i>Area</i>	<i>Frame</i>	<i>Subject</i>	<i>Taken From</i>
Tr 25	118	General shot of site	SE
-	119	General shot of site	SSE
-	120	General shot	SE
Tr 26	121	NE facing section - SE end of Tr	NE
Tr 26	122	General shot	NW
Tr 26	123	General shot	SW
Tr 27	124	SE facing section - SW end of Tr	SE
Tr 27	125	General shot	NE
Tr 27	126	General shot	N
Tr 28	127	E facing section - N end of Tr	E
Tr 28	128	Large broken drain - N end of Tr	W
Tr 28	129	E facing section through silts of palaeo-channel - Mid Tr	E
Tr 28	130	Large broken drain - Mid Tr	SW
Tr 28	131	E facing section S end of Tr - Gravel/palaeo-channel	E
Tr 28	132	General shot	S
Tr 28	133	General shot during backfilling	NW
-	134	General shot during backfilling	NW
Tr 10	135	Example of reinstated drain	SE
Tr 13	136	Example of reinstated drain	N
-	137	General shot of site after backfilling	NNW
-	138	General shot of site after backfilling	NW
-	139	General shot of site after backfilling	WNW
-	140	General shot of site after backfilling	W
-	141	General shot of site after backfilling	E
-	142	General shot of site after backfilling	SE
-	143	General shot of site after backfilling	S
-	144	General shot of site after backfilling	ESE
-	145	General shot of site after backfilling	S
-	146	General shot of site after backfilling	SSW
-	147	General shot of site after backfilling	WSW
-	148	General shot of site after backfilling	W
-	149	General shot of site after backfilling	S
-	150	General shot of site after backfilling	SSW
-	151	General shot of site after backfilling	WSW
-	152	General shot of site after backfilling	W

12.7 *DES*

LOCAL AUTHORITY:	Stirling
PROJECT TITLE/SITE NAME:	Bannockburn Cemeteries, Bannockburn
PROJECT CODE:	2417
PARISH:	Bannockburn
NAME OF CONTRIBUTOR:	David Sneddon
NAME OF ORGANISATION:	GUARD
TYPE(S) OF PROJECT:	Metal detector survey & archaeological evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	Battlefield & other
SIGNIFICANT FINDS:	Potential eighteenth-century finds from metal detector survey
NGR (2 letters, 6 figures)	Site 1: NS 812 906; Site 2: NS 797 904

START DATE (this season)	10 March 2007
END DATE (this season)	20 March 2007
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>A metal detector survey of two sites, at Ladywell Park (Site 1) and New Line Road (Site 2), Bannockburn, Stirling, both proposed to be used as cemeteries, and an archaeological evaluation of the second of these sites were undertaken on behalf of Stirling Council in order to fulfil a condition placed on the proposed works by the Stirling Council Archaeologist.</p> <p>Both of the sites are within the area where it is suspected that the Battle of Bannockburn took place in 1314. As a result, a metal detector survey was to take place prior to any development to ensure that any significant artefacts relating to the battle were recovered from the topsoil. An archaeological evaluation was also undertaken on the second site. There, a Roman Road is depicted on the first edition Ordnance Survey map of 1865-6, running across the proposed development area, and the southern end of the site borders Milton Bog, where a series of 'stakes' were recovered in the nineteenth century and presumed to represent spikes placed at the bottom of pits which related to the battle. Recent analysis of the stakes, however, has shown that they display no evidence of sharpening or burning; radiocarbon dates obtained from the stakes put them in the Mesolithic, suggesting that they do not relate to the battle as first thought.</p> <p>All but one of the finds from the metal detector survey of the Ladywell Park site related to the very late nineteenth century and the twentieth century; most are coins. The only find of a potentially earlier date is a large pewter spoon head possibly dating to the eighteenth century. No artefacts recovered could be assigned definitely to the Battle of Bannockburn.</p> <p>The metal detector survey of the New Line Road site also recovered a series of nineteenth-and twentieth-century artefacts. In addition, a series of coins, buttons and two musket balls were found which may date to the eighteenth century. It is known that there was Jacobite activity in this area in 1746 relating to the siege of Stirling Castle and the battle of Falkirk. It is possible that these eighteenth-century artefacts recovered from the New Line Road site relate to this activity. No artefacts recovered could be assigned definitely to the Battle of Bannockburn.</p> <p>Twenty eight trenches, representing 8% of the total area proposed for development at New Line Road, were opened there and examined to establish whether or not significant archaeological remains were present.</p> <p>No features deemed to be of archaeological significance were located by the trial trenching. This suggests that the Roman Road depicted on the first edition OS map was a suggested route rather than a known one.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Stirling Council
ADDRESS OF MAIN CONTRIBUTOR:	GUARD, Gregory Building, Lilybank Gardens, University of Glasgow, Glasgow, G12 8QQ
EMAIL ADDRESS:	d.sneddon@archaeology.arts.gla.ac.uk
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS. Report lodged with Stirling SMR and NMRS.