



A9 DUALLING PROGRAMME: KILLIECRANKIE TO GLEN GARRY

METAL DETECTING SURVEY



commissioned by Jacobs UK Ltd
on behalf of Transport Scotland

October 2018

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PROJECT INFO:

HA Project Code **KBFP18** / NGR **NN 9109 6342** / Parish **Moulin** / Local Authority **Perth and Kinross** / OASIS Ref. **headland5- 322778** / Archive Repository **NRHE**

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PROJECT SUMMARY

Headland Archaeology (UK) Ltd undertook a metal detecting survey of ten areas along the route of the A9 Dualling: Killiecrankie to Glen Garry project. This was undertaken in response to a request from Historic Environment Scotland (HES) for investigations to inform their understanding of the potential impacts of the project on the site of the Battle of Killiecrankie (Ref BLT12) which took place in 1689.

A total of 33 of the 1,432 finds retrieved by the archaeological metal detecting survey possibly relate to the 17th century battle and these comprise lead shot, impacted lead shot, buckles and horseshoes. This report presents the results of the metal detecting survey and these results have also been synthesised with the results of metal detecting surveys undertaken in 2003 and 2015.

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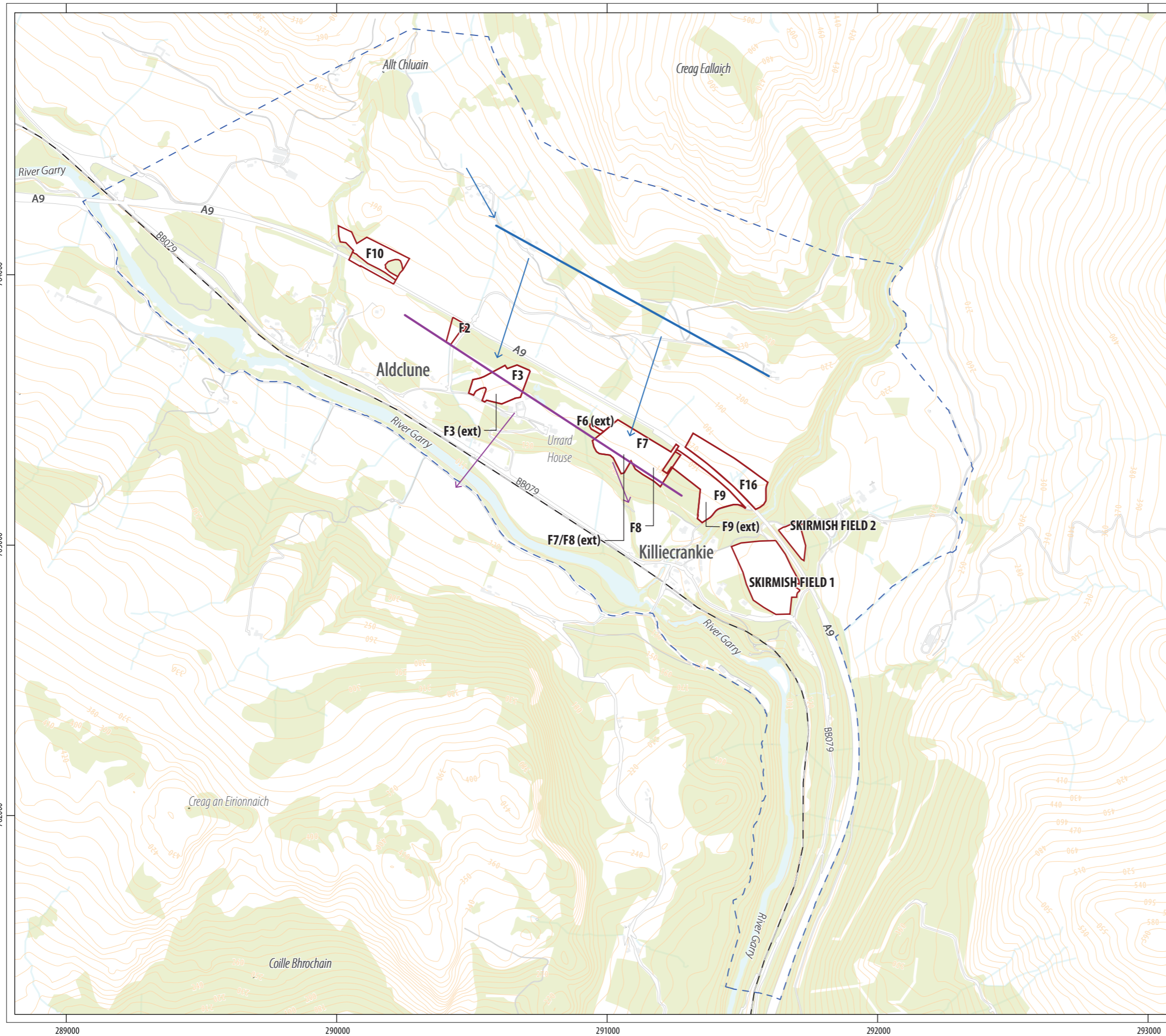
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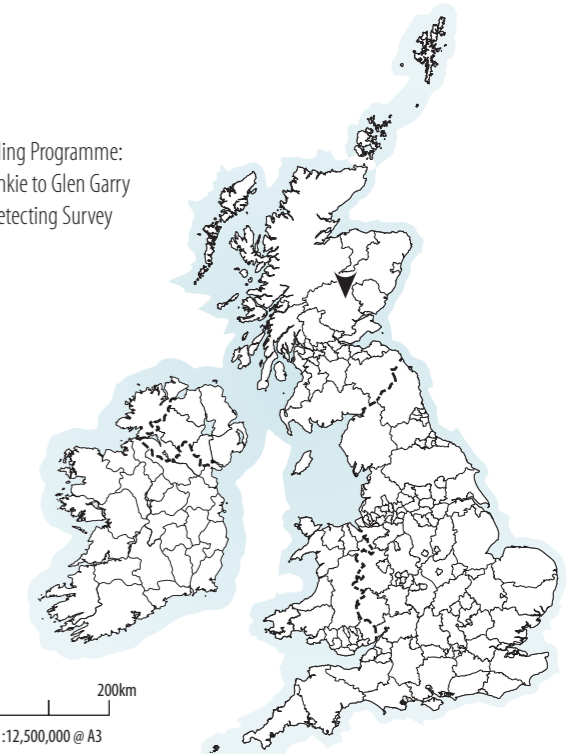
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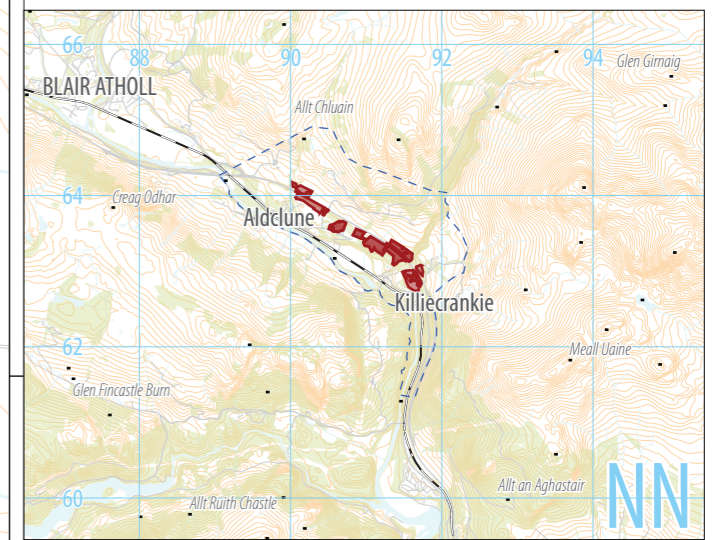
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A9 Dualling Programme:
Killiecrankie to Glen Garry
Metal Detecting Survey



0 200km
1:12,500,000 @ A3



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- metal detecting area
- inventory of historic battlefields boundary
- government movement *
- government lines
- Jacobite movement
- Jacobite lines

* Battlefield deployments as described by the HES inventory of historic battlefields in Scotland, BLT12

0 400m
1:15,000 @ A3

A9 DUALLING PROGRAMME: KILLIECRANKIE TO GLEN GARRY

METAL DETECTING SURVEY

1 INTRODUCTION

Headland Archaeology (UK) Ltd was commissioned by Jacobs UK on behalf of Transport Scotland to undertake metal detecting of Killiecrankie Battlefield (Ref BLT12). The metal detecting survey formed part of a wider programme of archaeological investigations comprising geophysical survey (Harrison 2018) and archaeological trial trenching (Gaunt 2018) carried out in response to a request from Historic Environment Scotland (HES) that investigations be undertaken to inform their understanding of the potential impacts of the A9 Dualling: Killiecrankie to Glen Garry project on the battlefield.

The archaeological metal detecting survey was undertaken in accordance with a Written Scheme of Investigation (WSI; Jacobs 2018) which was agreed with HES and Perth and Kinross Heritage Trust (PKHT).

2 SITE LOCATION AND DESCRIPTION

Killiecrankie Battlefield is located in the Pass of Killiecrankie to the south-east of Blair Atholl, Perth & Kinross (NGR: NN 909 634; Illus 1). It is on the southern slopes of Creag Eallaich, at a height of between 120m and 180m AOD. The ground generally slopes downwards from north to south, broken by a series of terraces and is bisected by the existing A9.

The metal detecting survey was undertaken in 10 areas, all of which were located within the designated area of the Battle of Killiecrankie (HES Ref. BLT12) and mostly compromised pasture fields bounded by wooden, wire and hedgerow field boundaries. The only exceptions were Fields F7, F8 and F7/F8 (ext.) which had been heavily ploughed and were previously planted with a cover crop for game birds.

Metal detecting of 13 trial trenches (see Gaunt 2018) was also undertaken, the results of this have been included within this report.

The site is underlain by Semipelite and Micaceous Psammite (formerly Killiecrankie Schist) with superficial geological deposits of Devensian Till and glaciofluvial deposits comprising gravels, sands and silts (NERC 2018).

2.1 ARCHAEOLOGICAL BACKGROUND

The Battle of Killiecrankie was fought on 27 July 1689 between the Jacobites, led by John Graham of Claverhouse, the Viscount Dundee, and the Government forces led by General Hugh Mackay. While the Jacobites were victorious, Dundee was killed during the battle, along with around 800 men on the Jacobite side and around 2000 on the Government side. No burials have been found to date at the battle site although the high death toll would suggest the potential for finding burials in the area is relatively high.

This phase of work is subsequent to a desk-based survey (Jacobs 2017), two metal detecting surveys (Banks & Pollard 2004; GUARD 2015), and a geophysical survey (AOC 2016) which are detailed in Chapter 15 (Cultural Heritage) of the Environmental Statement (Jacobs 2017).

The previous metal detecting surveys (Banks & Pollard 2004; GUARD 2015) recovered several significant finds relating to the battle including musket shot, carbine shot and pistol balls, copper alloy buttons, buckles, horse shoes, several fragments of a copper alloy bangle, a copper alloy pendant, a copper alloy harness boss and a part of the support for a sword belt.

3 AIMS AND OBJECTIVES

The aims of the metal detecting survey were:

- › to provide HES with the requested information to inform their understanding of the potential impacts on the Battle of Killiecrankie that may result from the project; and

- › to inform relevant research objectives of the Scottish Archaeological Research Framework (ScARF), especially those relating to conflict and battlefield archaeology as presented in the research themes '*Modern Scotland: Archaeology, the Modern past and the Modern present*'.

The objectives of the metal detecting survey were:

- › to identify, recover and accurately record the location and type of munitions and other metal objects associated with the battle in Fields F2, F3, F3 (ext.), F6 (ext.), F7, F8, F7/8 (ext.), F9, F10, F16 and Skirmish Field 1 and Skirmish Field 2;
- › to undertake an assessment of the objects recovered;
- › to integrate the results of the metal detecting survey with the metal detecting surveys undertaken in 2003 and 2015 (Banks & Pollard 2004; GUARD 2015);
- › to use the existing information from the archaeological and historical record from the topography of the battlefield itself, to provide an interpretation of the distribution of the artefacts recovered in the context of the battle; and
- › to disseminate the results of the archaeological metal detecting survey through the deposition of an ordered archive and report at the National Record for the Historic Environment (NRHE) and a copy of the report at the Perth & Kinross Historic Environment Record (HER).

4 METHODOLOGY

4.1 SITE WORKS

The metal detecting survey was undertaken between the 11th and 29th of June 2018 using high-performance metal detectors which had the discrimination mode to allow non-ferrous, ferrous or all metals to be targeted. The model used was a Garrett EuroAce metal detector with a Double D search coil.

Full coverage of the metal detecting survey was carried out in Fields F2, F3, F3 (ext.), F7, F8, F7/8 (ext.) and F10 using 1–2m transects. However, as a large number of ferrous non-battlefield finds were recovered from these fields it was agreed with Perth and Kinross Heritage Trust (in their role as the Curator for the metal detecting survey) that for the areas of Fields F6 (ext.), F9, F16, Skirmish Field 1 and Skirmish Field 2 (located outside of the Compulsory Purchase Order (CPO) area and Land Made Available (LMA)), on alternate transects the metal detectors were set to detect only non-ferrous objects. For the areas of the fields located within the CPO and LMA all transects were metal detected for both ferrous and non-ferrous finds.

While all readings were investigated any object buried at a lower depth than the topsoil was not recovered. To investigate a reading, the surveyor removed a sod, put it to one side and removed the required quantity of topsoil to establish what the reading was. Once

the reading was investigated and recorded the excavated topsoil was replaced, compacted and the sod restored.

All artefacts recovered were retained and removed from site for assessment by an appropriately experienced finds specialist.

Any areas of inaccessible land, modern landscaping, or thick vegetation including thistles and nettles which were not cut before survey were omitted from the survey areas. These areas are shown on Illus 2.

4.2 RECORDING

All aspects of the metal detecting survey were undertaken in accordance with the agreed WSI (Jacobs 2018) and current relevant Standard and guidance for archaeological field evaluation of the Chartered Institute for Archaeologists (2014a).

Each find recovered was assigned a unique small finds number, the field number and its location recorded by differential GPS (Trimble Model R6).

All recording, cleaning, storage and conservation of finds was in accordance with advice of the Conservator and the Chartered Institute for Archaeologist's Standard and guidance for the collection, documentation, conservation and research of archaeological materials (Cifa 2014b).

4.3 REPORTING AND ARCHIVES

The results of the works are presented below. Appendix 1 contains summary tables of the finds assemblage and the lead shot. Appendix 2 details the photographic register. Appendix 3 is the finds catalogue detailing the find number, type of object, field found in and a spot date. A summary report has been prepared for submission to Discovery and Excavation in Scotland (Appendix 4) and the OASIS database (headland5-322778).

The complete project archive will be deposited with the National Record of the Historic Environment (NRHE) within six months of the completion of the project. The records (paper and digital) will be archived according to best practice guidelines set out by the Archaeological Archiving Forum (2011).

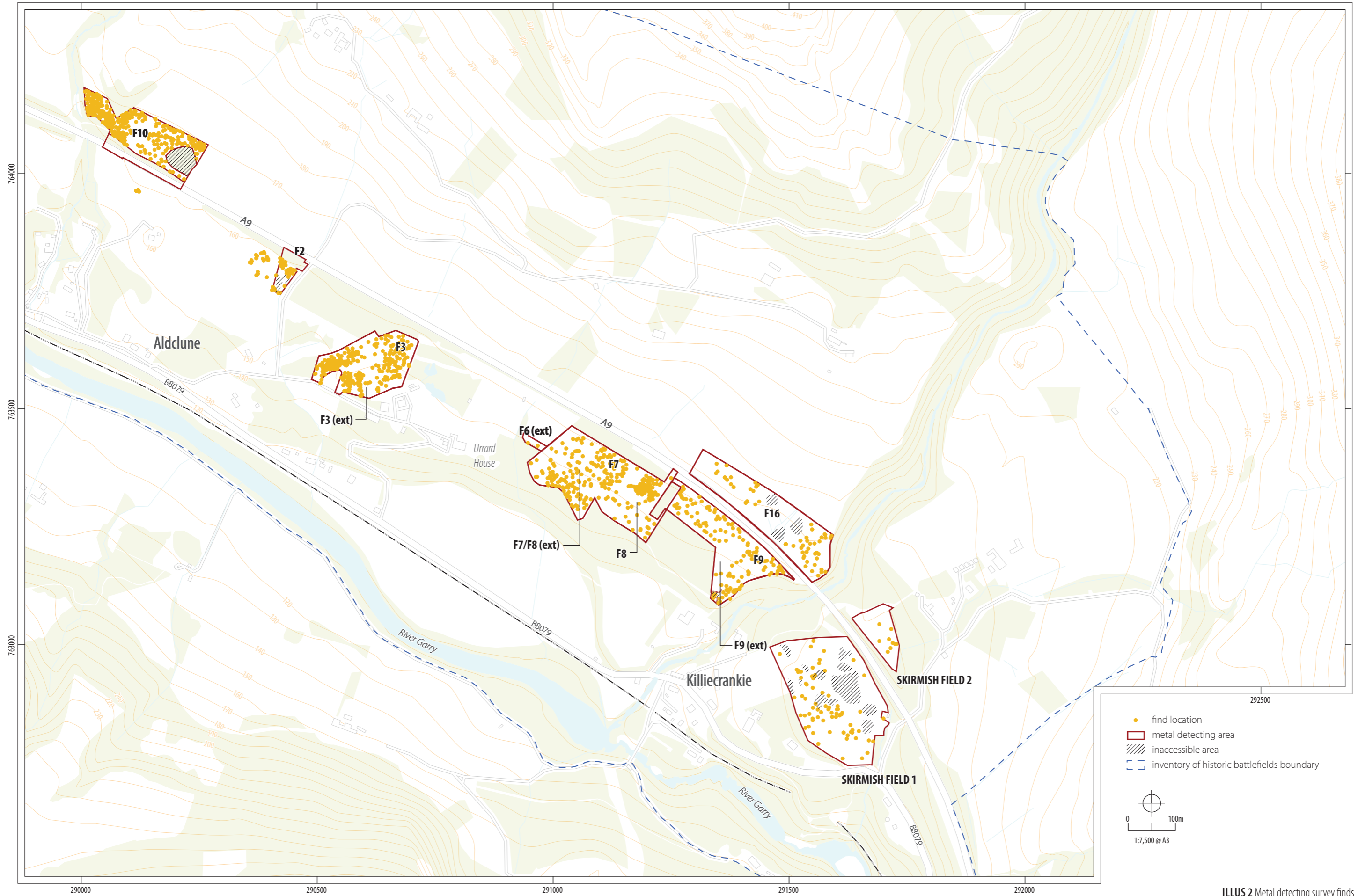
5 RESULTS

5.1 SUMMARY

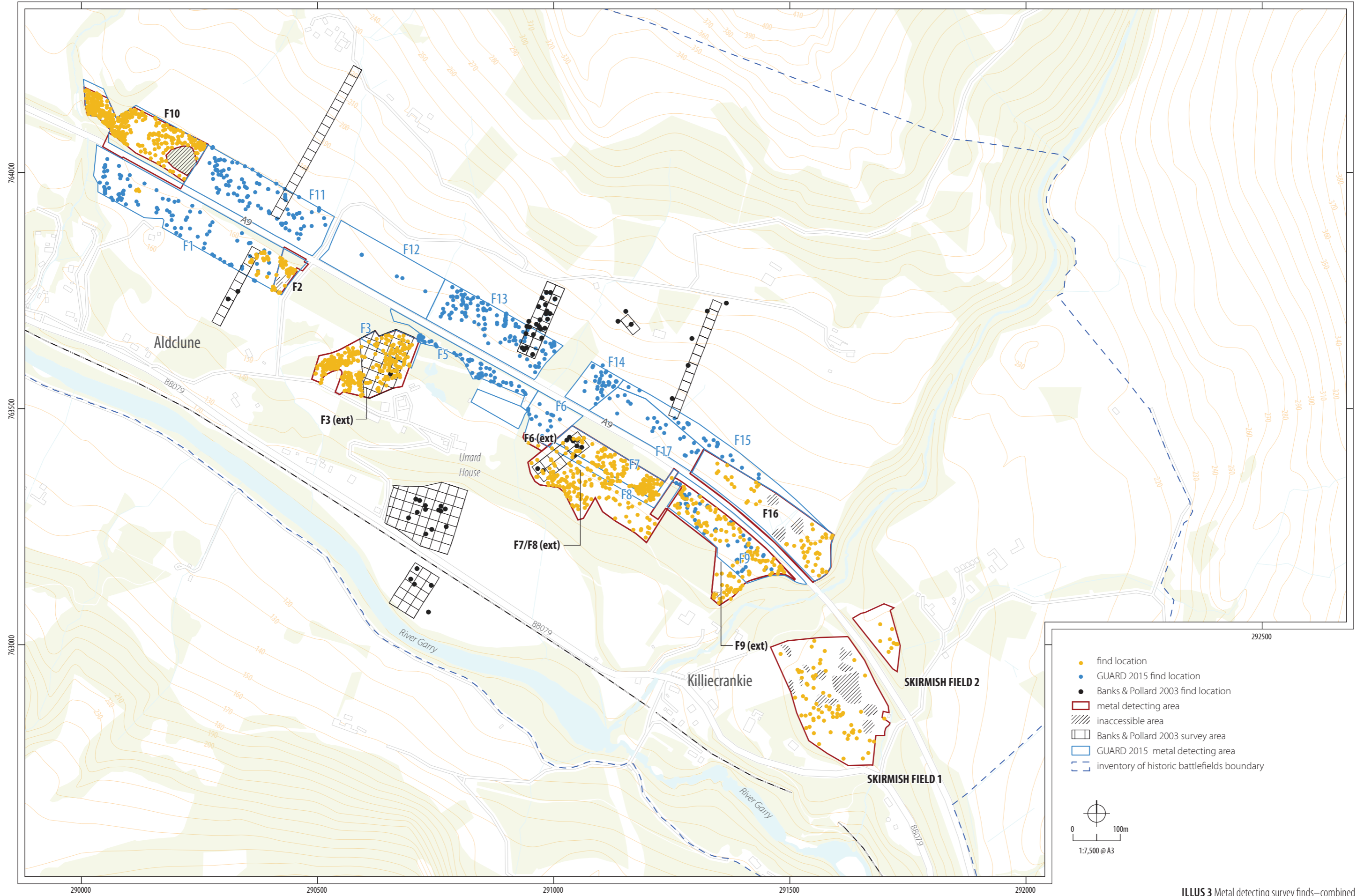
Fields have been referred to using the naming convention provided by the WSI (for example Field F2 etc). All small finds have been given numbers with the prefix 'SF' and will be referred to with their four digit finds number.

A synthesis of the previous 2003 and 2015 survey results has been undertaken and is presented in section 6 below (see also Illus 3, 4).

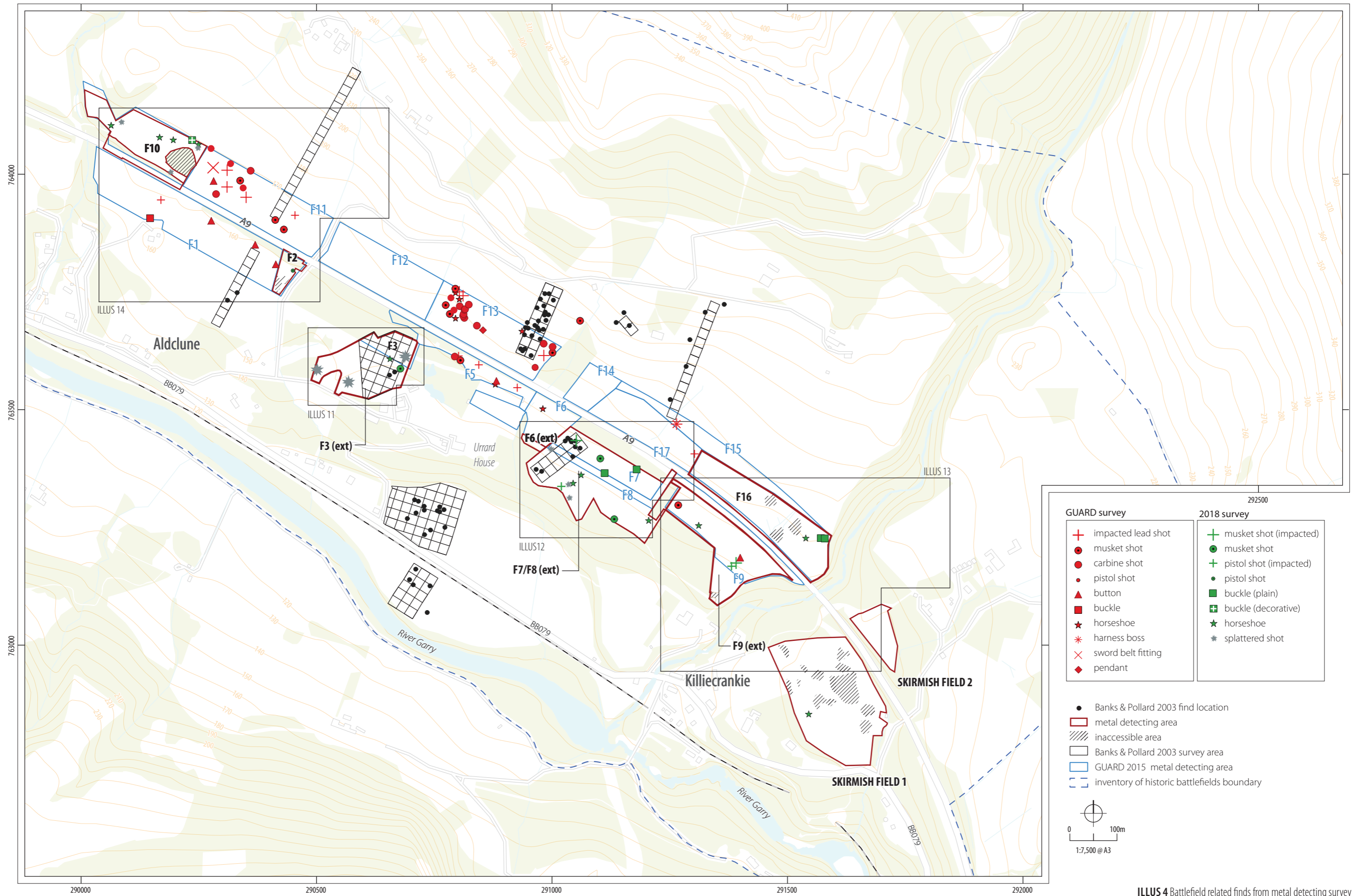
During the course of the metal detecting survey 1,432 finds of metal and metalworking waste were retrieved from 1,375 finds spots. Of



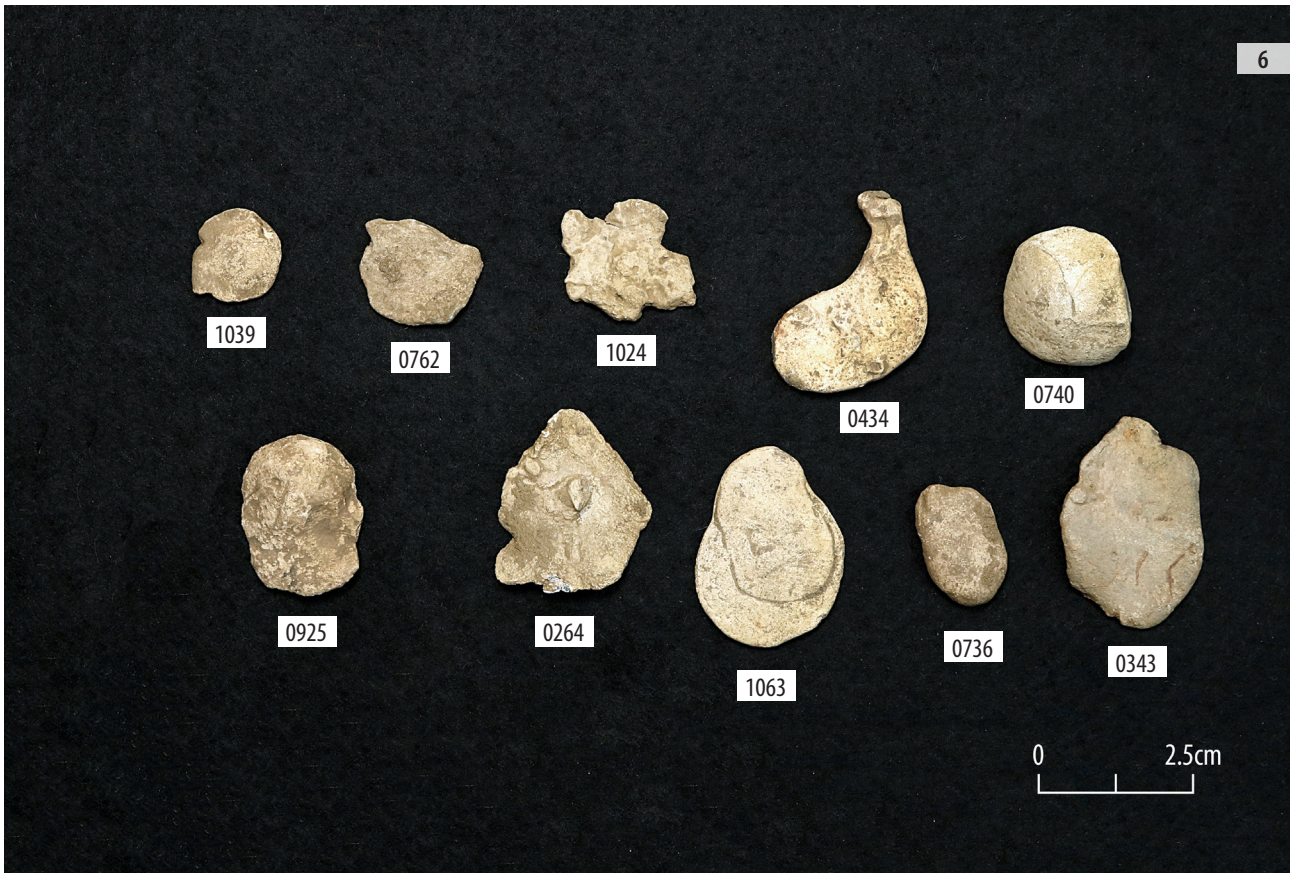
ILLUS 2 Metal detecting survey finds



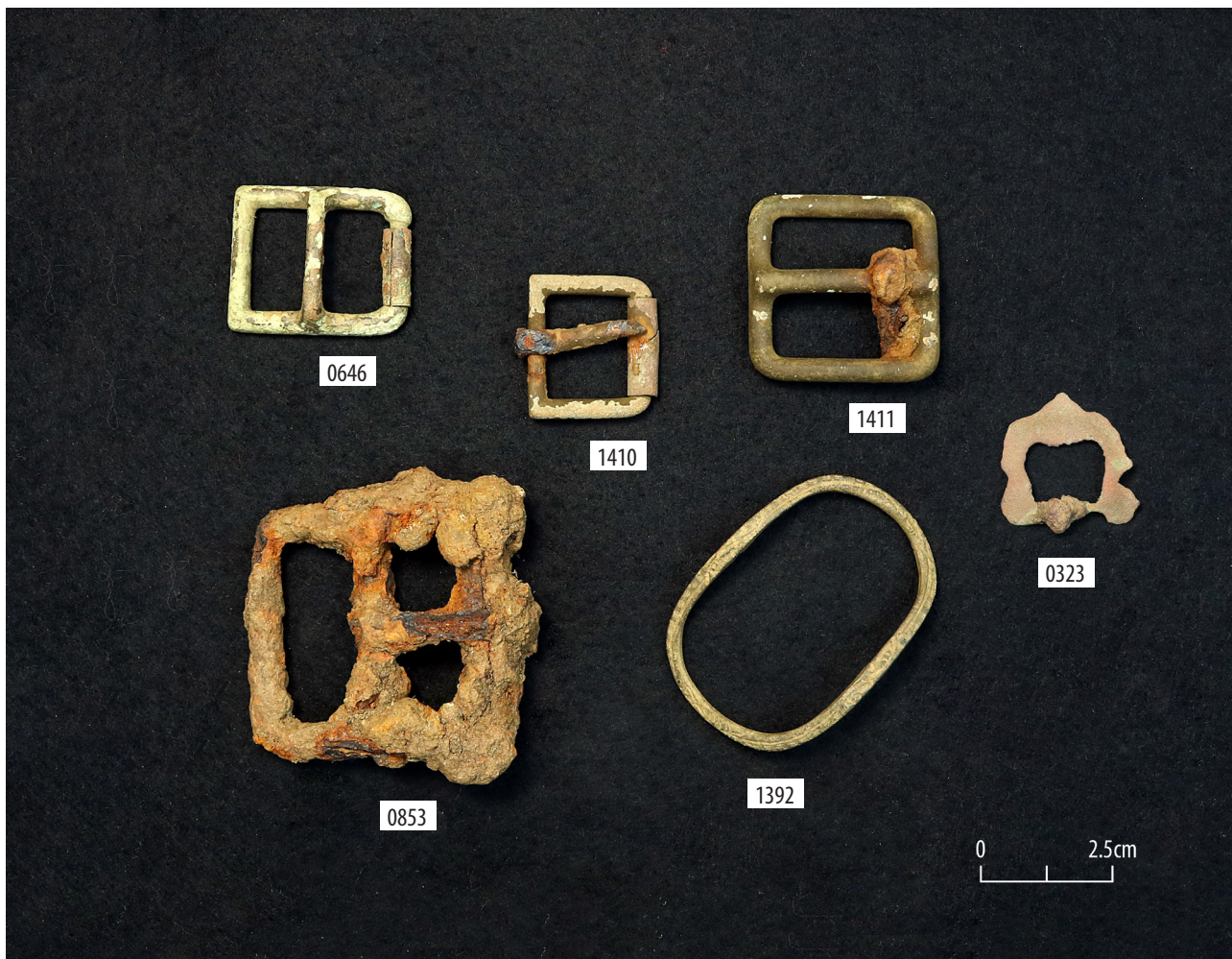
ILLUS 3 Metal detecting survey finds—combined



ILLUS 4 Battlefield related finds from metal detecting survey



ILLUS 5 Musket and pistol shot ILLUS 6 Splattered lead shot



ILLUS 7 Buckles

these 1,432 finds, 33 were identified as potentially relating to the battle. These finds consisted of: eight lead shot, nine pieces of lead which may be highly deformed munitions (referred to below as ‘splattered’ shot), five assorted buckles and 11 horseshoe fragments. It should be noted that as both the buckles and horseshoes recovered have a long chronological span they are not necessarily diagnostic of activity related to the battle. These are discussed in more detail in the finds assessment.

A summary of the counts of each type of battle-related find and the field from which they were recovered is presented in Table 1 below.

TABLE 1 Locations of battle related finds (Shot includes all impacted splattered shot or potential shot)

Field	Shot	Buckle	Horseshoe
F2	1	–	–
F3	4	–	1
F7/F8	7	2	3
F9	2	–	1
F10	3	1	4

Field	Shot	Buckle	Horseshoe
F16	–	2	1
Skirmish Field 1	–	–	1
Total	17	5	11

The remaining 1,399 finds consisted largely of modern agricultural metal, including fence clips, wire, nails, bolts and assorted unidentified iron objects (likely tractor parts or similar), agricultural tools and horseshoes.

Other modern artefacts included chance losses of items such as buttons, coins, shoe accessories and hem weights. There were also 11 finds of modern gun ammunition.

Some of the finds recovered may derive from domestic midden spread over the fields to fertilise and break up the soil. Updated iron working waste was found in fields F3, F9 and F10 and might derive from the use of industrial waste in a similar capacity. The geophysical survey report identified concentrations of ferrous anomalies in these fields which they characterised as follows as individual ‘spikes’, are typically caused by ferrous (magnetic) material, either on the ground surface or in the plough-soil. Little importance is normally given



ILLUS 8 Horseshoes ILLUS 9 Buttons and Badges



ILLUS 10 Lead weights

to such anomalies, unless there is any supporting evidence for an archaeological interpretation, as modern ferrous debris is common on most sites, often being present as a consequence of manuring or tipping/infilling. It is difficult to distinguish the direct cause of a ferrous anomaly, where there is no obvious clustering which might indicate an archaeological origin (Harrison 2018).

The finds are quantified, described and discussed in more detail below (see Finds assessment).

5.2 FINDS ASSESSMENT

The finds assemblage comprised 1,432 objects from 1,375 finds spots. These consisted of 56 objects (55 finds spots) of copper alloy, 30 of lead, 22 of other non-ferrous metal and 1,311 (1,255 finds spots) of iron and 13 finds (1.395kg) of industrial waste. These were found in Fields F2, F3, F6, F7/F8, F9, F10, F16, Skirmish Field 1 and Skirmish Field 2. Finds potentially related to the Battle of Killiecrankie and the post-medieval and modern periods are represented in the assemblage. The finds are summarised by field and material in Table 2 in Appendix 1 and a complete catalogue is presented in Appendix 3 at the end of this report.

Methodology

The finds were collected, processed and packaged for long term storage in accordance with professional guidelines (ClfA 2014b; Watkinson & Neal 1998). The finds were all assessed and recorded by

appropriate specialists. The resultant data was then drawn together into one MS Access database.

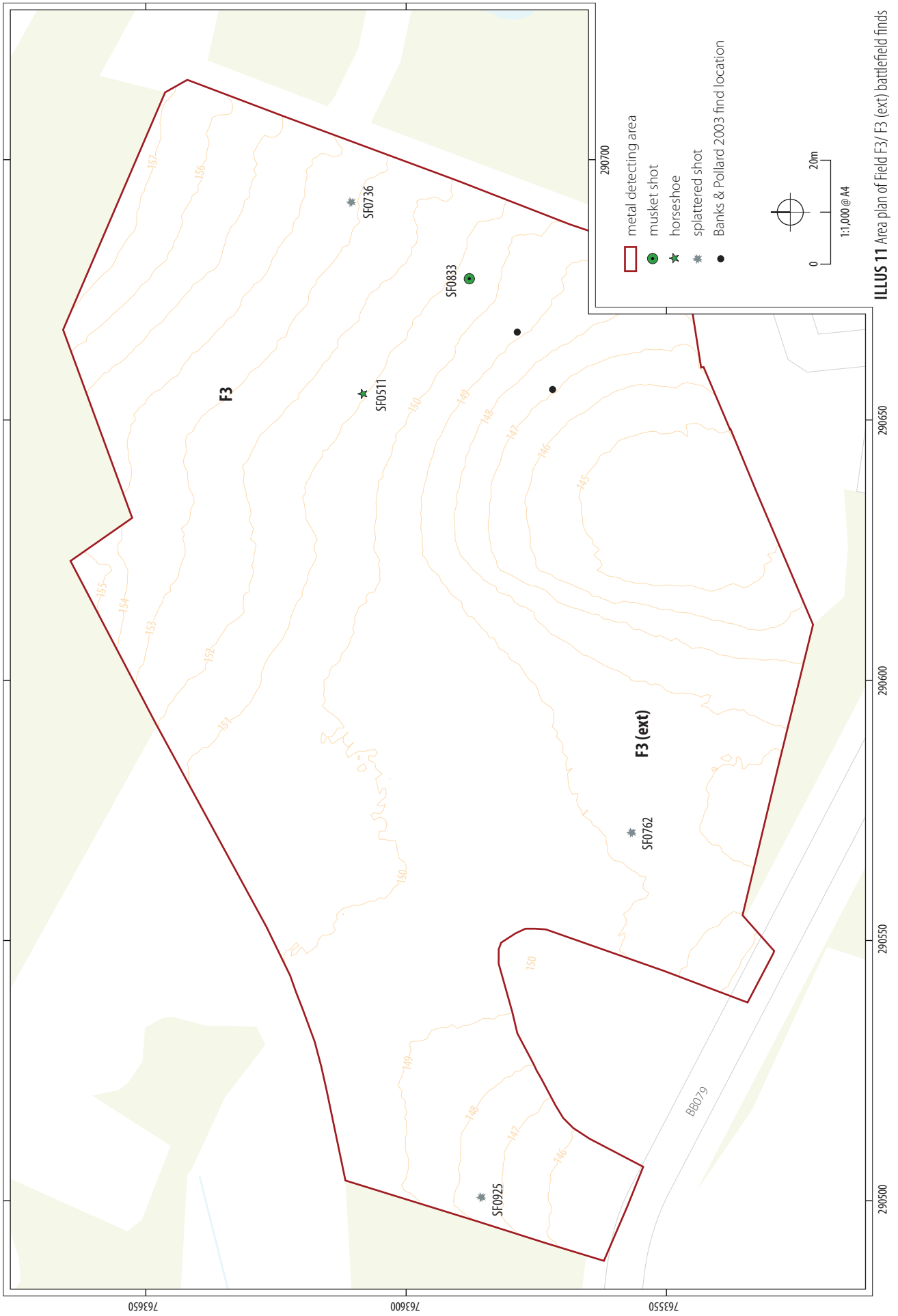
All of the metal finds were retrieved through metal-detecting. Each find was given its own unique number and its location was recorded by GPS survey. The assemblage included 10 finds which, on specialist inspection were identified as coke and stone. These were recorded and then discarded, as they did not provide any useful information for the purposes of this report.

Finds potentially relating to the 1689 Battle of Killiecrankie

Lead shot

A total of 17 finds of lead shot including possible splattered shot were recovered (Illus 5–6). These were retrieved from Fields F2, F3, F7/F8, F9 and F10 (Illus 11–14) and are summarised in Table 3 (Appendix 1). Many of the recovered munitions show signs of impact damage either in terms of flattening to one face, or in more extreme cases, splatter damage caused when a hot ball hits a solid surface (Harding 2012, 69–74), indicating the balls were fired, rather than chance losses.

The munitions recovered include three pistol balls (SF0024, SF1018, SF1257) with an average weight of 12g and four musket balls (SF0833, SF0870, SF1135, SF1244) with an average weight of 28g, and a further



ILLUS 11 Area plan of Field F3/ F3 (ext) battlfield finds

possible damaged example (SF0740). The remaining shot was 'splattered' and too damaged to accurately identify original type though three were relatively small and might be pistol shot (SF0925, SF1039, SF1063).

As round lead shot was in use from the 17th to 19th centuries the shot recovered could relate to other activities (such as hunting). However, the sizes of round lead shot found in 2018 compares well with that recovered by GUARD in 2015 (the exception to this is carbine shot: while carbine shot was recovered both by GUARD in 2015 and by Pollard and Oliver (2003) none was recovered by the 2018 survey). It is therefore likely that the pistol and musket shot recovered relates to the battle.

Buckles

A total of five copper alloy buckles and one of iron buckle (Illus 7) were retrieved from Fields F7, F8, F10 and F16 (Illus 12–14). SF0323, from Field F10, is a distinctive shape and appears to be part of a double-looped decorative form, of a kind in use from the mid-16th to early 18th century (Whitehead 1996, 61–71) and thus is potentially related to the battle. Its small size and relatively delicate nature suggest this was an item of personal adornment.

Buckles SF0646 (Field F7/F8), SF0853 (Field F7/F8), SF1410 (Field F16) and SF1411 (Field F16) are all plain rectangular forms and could be of any date from the medieval period to the present century. Three (SF0646, SF1410, SF1411) are relatively small and are probably personal dress accessories. SF0853 (the iron buckle) is larger and may relate to horse harness or a weapons belt.

Buckle SF1392 is a form of Georgian shoe buckle (eg Whitehead 1996, 104–10) dating to after c1720 and thus does not relate to the battle.

Horseshoes

A total of 19 horseshoes were recovered by the archaeological metal detecting. Eight were clearly identifiable as modern based on their narrow web and toe clips, the latter being a 19th-century innovation (Hume 1969, 239). These are not illustrated. The web of the remaining 11 shoes (SF0063, SF0319, SF0380, SF0392, SF0511, SF1081, SF1093, SF1130, SF1206, SF1354, SF1396) was wider as is more typical of medieval and post-medieval shoes. None of the shoes bore the angled heels and keyhole shaped internal profile which is the most distinctive characteristic of 17th-century shoes (Egan 2005, 179–80; Hume 1969 237–9), but potentially any of these 11 shoes might relate to the battle (Illus 8). These were found in Fields F3, F7/F8, F9, F10, F16 and Skirmish Field 1 and their distribution is shown on Illus 11 to 15.

Other finds

Coins

Fifteen coins from 14 finds spots (SF1236 represents two coins which were corroded together) were retrieved from Fields F3, F7/F8, F9, F10, F16, Skirmish Field 1. The dated coins range from the reigns of Queen Victoria to Elizabeth II, with George V pennies and halfpennies being the most prominent. Four of the coins were illegible and dates could not be ascertained.

Ammunition

There is evidence for the use of guns in more recent times represented by two lead bullets (SF0693 and SF1096, Fields F3 and F7/F8 respectively) and nine metal remains of gun cartridges (SF0195, SF0198, SF1000, SF1060, SF1097, SF1210, SF1282, SF1316, SF1347 recovered from Fields F3, F6, F7/F8, F9, F10, Skirmish Field 1). The bullets were both well-formed and clearly not slugs (lead balls hammered into longer narrower shapes to fit a smaller calibre weapon) which might have related to the battle. These types of ammunition dates from the mid-19th century and later.

Copper alloy

A small number of copper alloy dress accessories were retrieved. These include four buttons (Illus 8; SF0890, SF0891, SF1364 and SF1420, see also Other non-ferrous metal, below), dating to the 19th and 20th centuries and a senior section or land ranger Girl Guide promise badge (SF1356) dating between 1915 and 1932 (LGHS nd). A square-shaped case was also recovered (SF1383), with an exterior pattern and textile surviving inside. It may have been a powder compact or a cigarette case.

Other copper alloy finds include door knobs and cutlery handles as well as various pieces of hardware, farming equipment and machinery.

Lead

In addition to the ammunition of various types described above 11 other pieces of lead were also recovered. Several were unidentifiable fragments of sheet lead. Three probable hem weights (SF0416, SF0893, SF1059 – Illus 10) used to weigh down the edges of curtains or dresses were recovered along with a tear-shaped domed object (SF0894) which may be a 5oz scale weight. Another holed disc (SF1240) may be a weight or a spindle whorl (Illus 10).

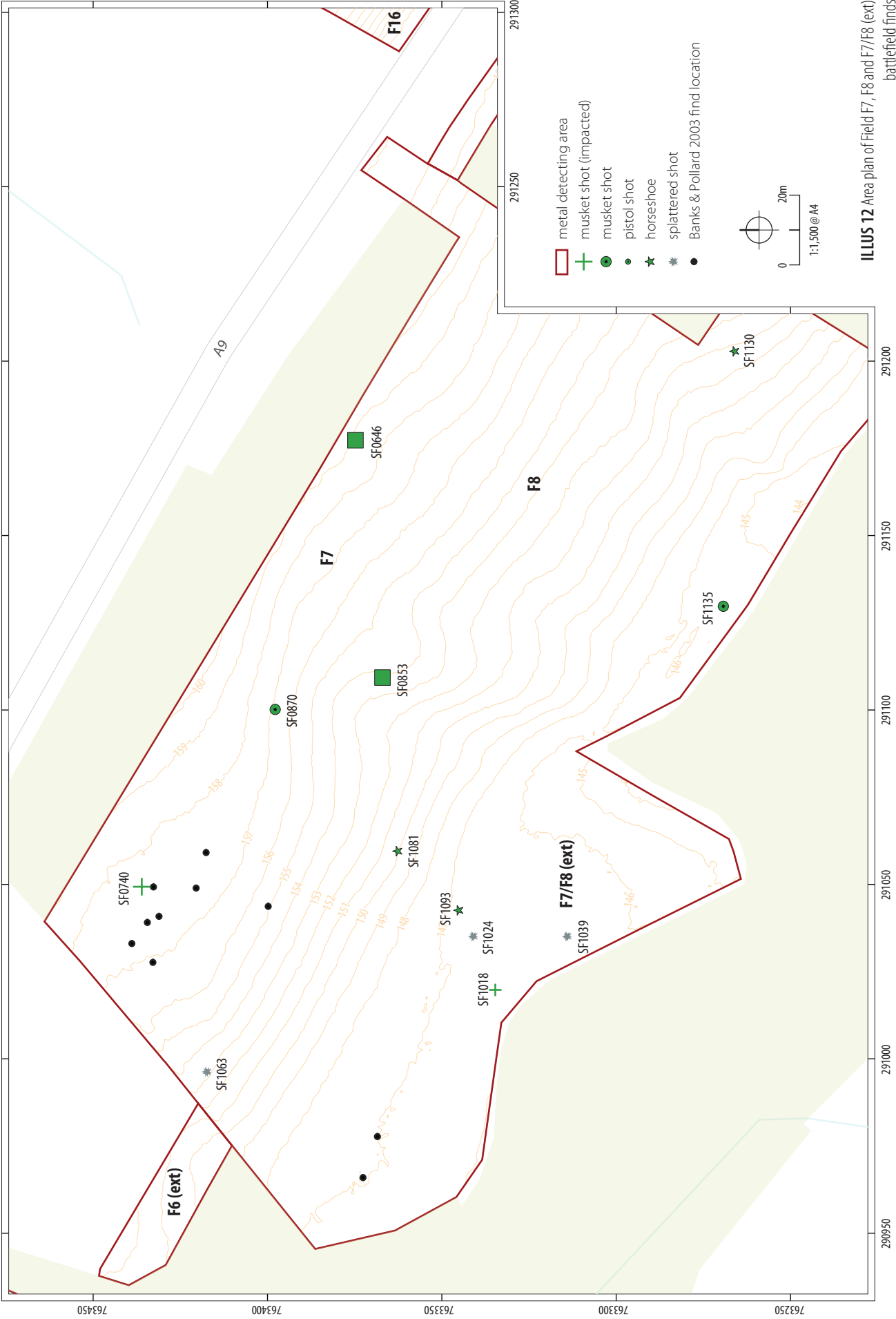
Other non-ferrous metal

Four buttons of unidentified metal were retrieved. The oldest button of the assemblage, likely made from tombac (SF0687, Illus 8), is typical of 18th to early 19th century (Bailey 2004, 40). The remaining three buttons (SF0144, SF0902 and SF0961; Illus 8) are post-World War II in date (Peacock 1978, 71).

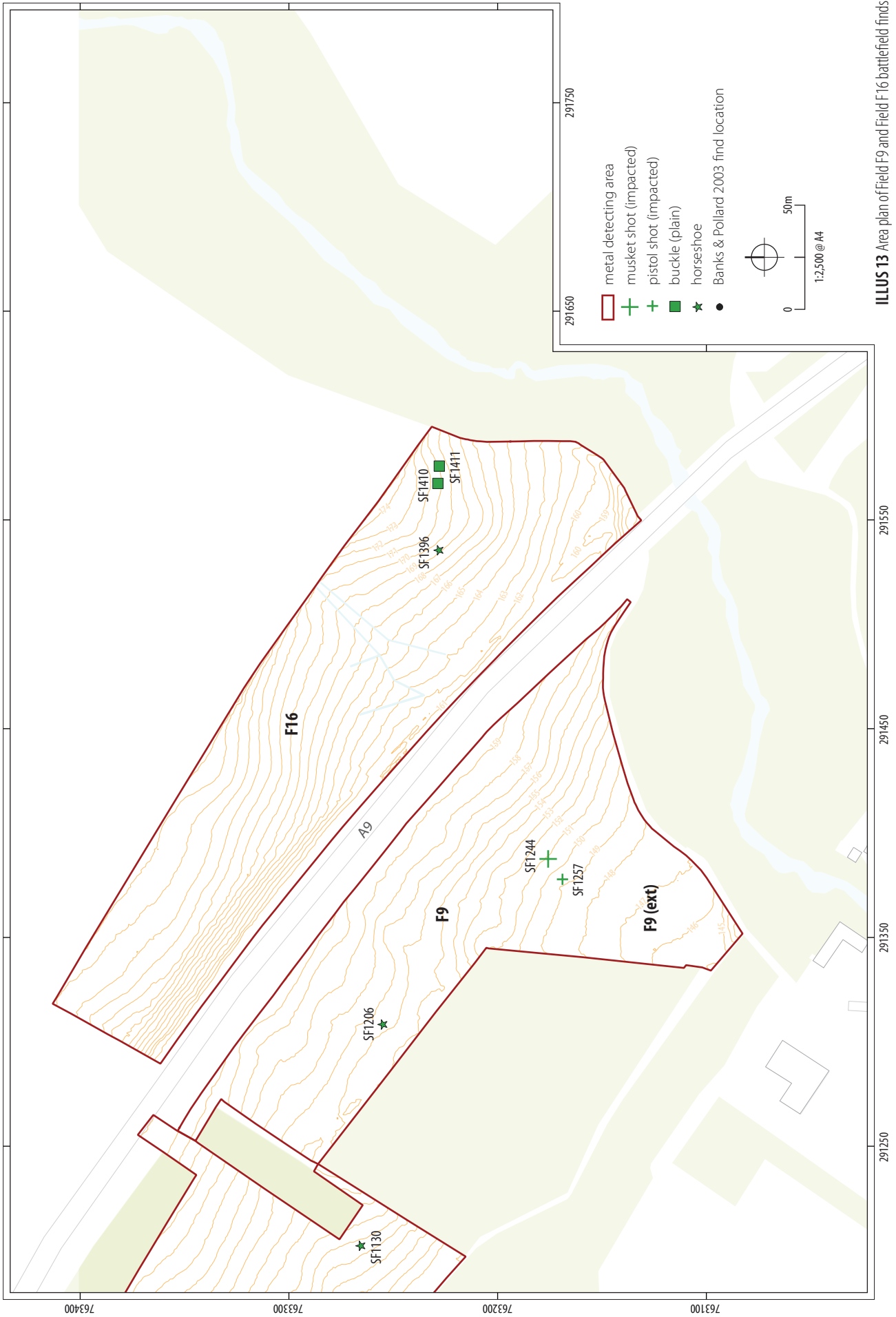
Other unidentified metal parts include hardware and various-sized strips of metal, likely to be steel or tin.

Iron

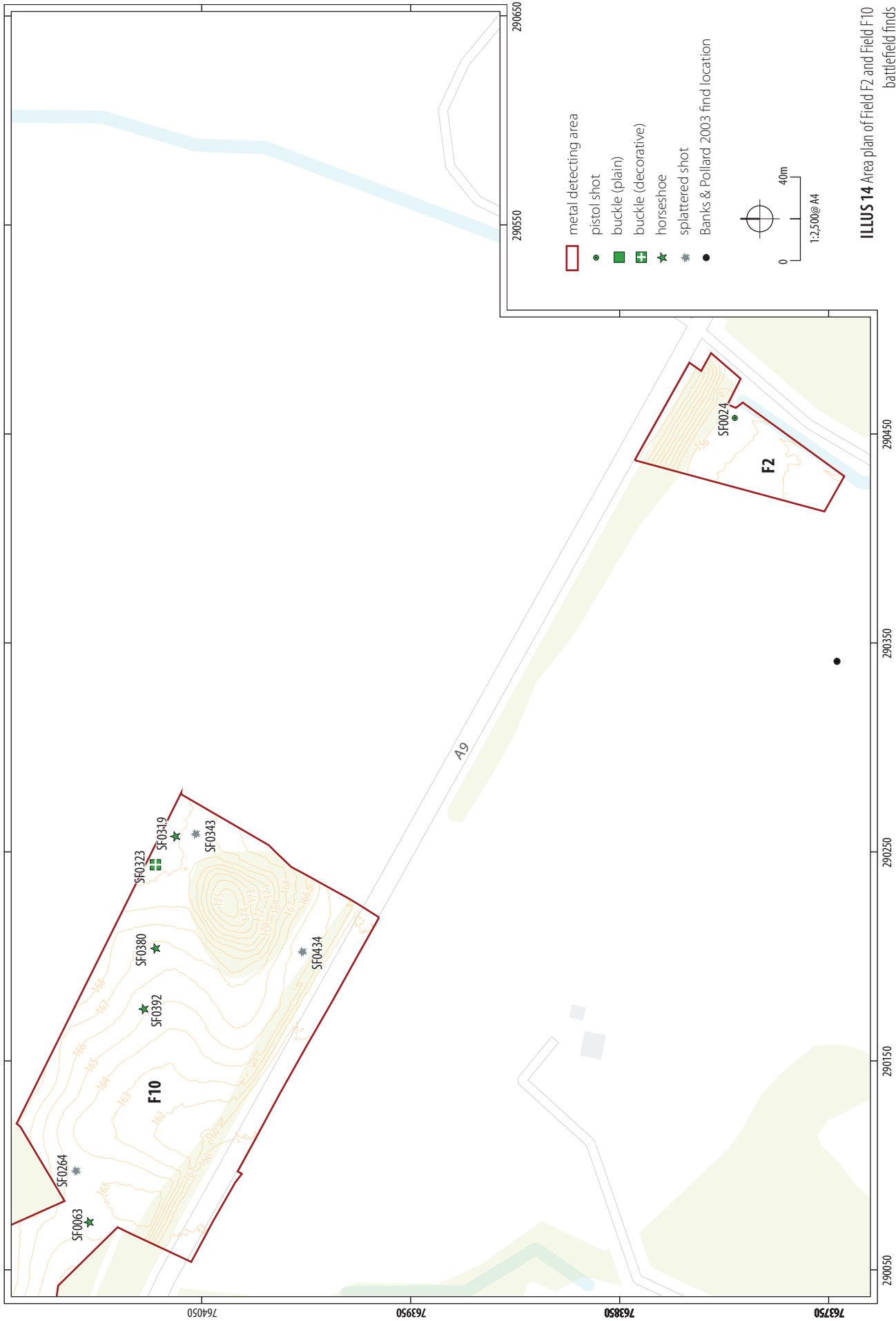
The majority of finds retrieved, 1,311 objects, are made of iron and were present in all fields surveyed. Over half (818 objects) comprise nails, bolts, screws, tacks, nuts, washers and fence staples. Fragments of wire of varying thickness, most likely relating to fencing and possible farming equipment, were retrieved throughout. The remaining items are likely to relate to machinery and farming equipment, however, in most cases, the pieces are too fragmentary to establish their function. Tools include two sickles and a pair of pliers. Nine heel taps and a bicycle bell were probably chance losses in the field. A large curving piece of cast iron (SF702) is part of a tripod-footed cauldron base with one surviving foot still in place. It is likely to date to the 18th or 19th century and probably derives from domestic midden.



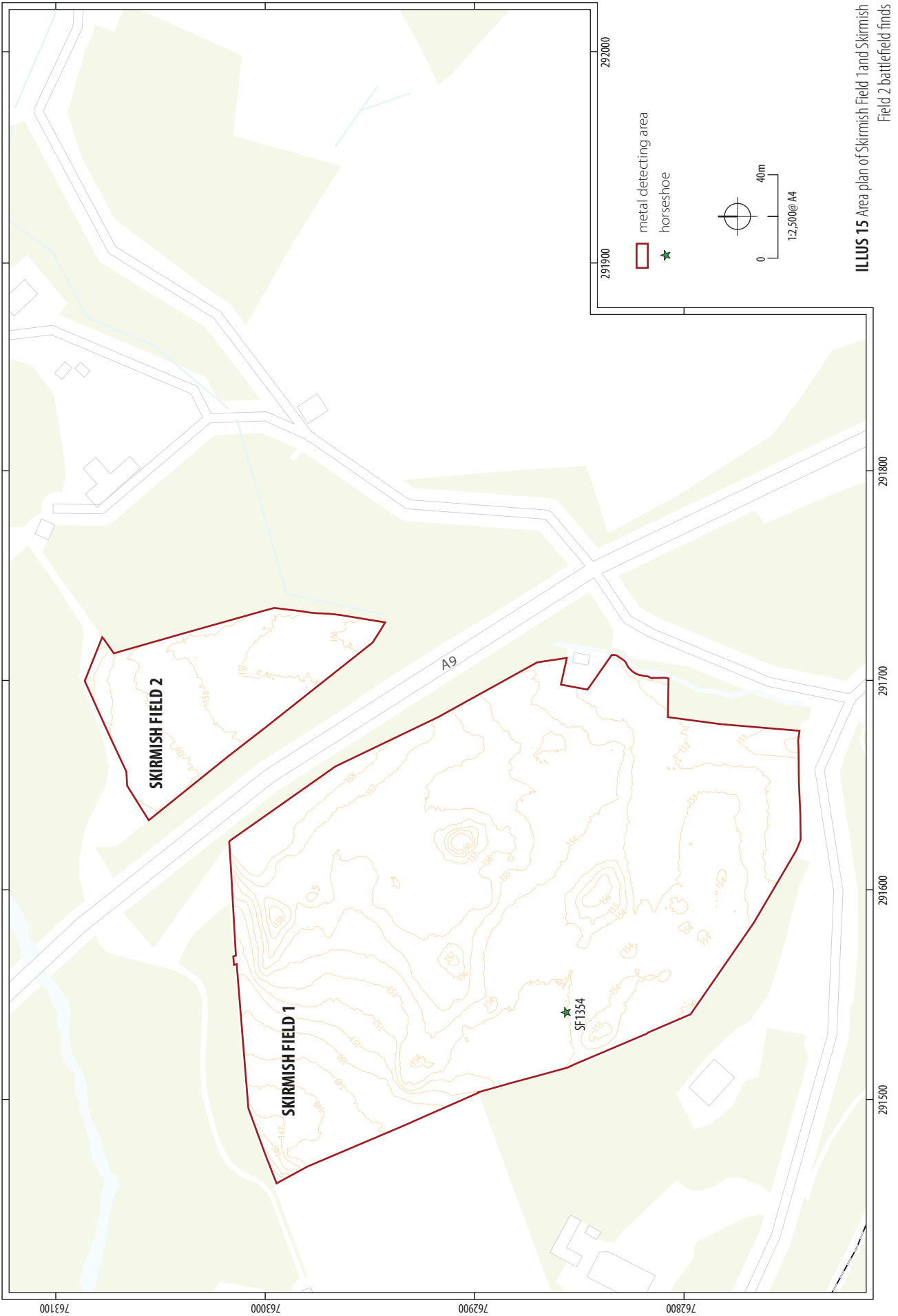
ILLUS 12 Area plan of Field F7, F8 and F7/F8 (ext) battlefield finds



ILLUS 13 Area plan of Field F9 and Field F16 battlefield finds



ILLUS 14 Area plan of Field F2 and Field F10 battlefield finds



ILLUS 15 Area plan of Skirmish Field 1 and Skirmish Field 2 battlefield finds

Industrial waste

There were 13 finds of industrial waste, amounting to 1.395kg. It is mainly made up of iron slag, including three pieces of hearth cakes (SF0409, SF0957 and SF1259) indicative of iron smelting or smithing. Slag was found in Fields F3, F9 and F10.

Finds discussion

Finds potentially relating to the Battle of Killiecrankie were recovered from Fields F2, F3, F7/F8, F9, F10, F16 and Skirmish Field 1. The distribution of these items is shown in detail on Illus 11–15 and these are discussed further in Section 6.

The large quantity of later finds reflects the use of the land for crop cultivation and pasture. Where these finds can be dated they suggest activity from the 18th century onwards, intensifying in the 19th century. Items such as sickles clearly relate to agriculture. Finds of machine parts, nuts and bolts indicate more recent mechanised agricultural practices. Other finds clearly relate to land boundaries, in the form of fence staples, gate hinges, hooks, chains, nails, screws and wire. These finds are all widely spread across the study area. Modern horseshoes were particularly concentrated in Field F3 implying horses had been pastured there in the recent past.

The many items of dress accessories, such as buttons, a Girl Guide badge, iron heel taps and Georgian shoe buckle would seem to be chance losses by agricultural workers and visitors to the site. The coins and possible cigarette case are likely to derive from the same. There seem to be particular concentrations of 20th-century material in Fields F3 and F9.

Finds of modern gun ammunition indicate shooting in Fields F3, F6, F7/F8, F9, F10, Skirmish Field 1.

Other more domestic items such as household fixtures and fittings and the iron cauldron might derive from midden material spread over the fields to fertilise and break up the soil. Industrial waste could also be used in this way and it is possible that the ironworking waste derives from this practice.

Recommendations for further work

Should further archaeological work be undertaken, the assemblage should be re-evaluated based on the result of this archaeological work.

X-ray analysis of the horseshoes would reveal more detail in terms of form and nail hole placement but, as all are fragmentary, this is unlikely to provide any reliable dating evidence that could identify them as being definitively late 17th-century.

Recommendations for archive

The finds should be declared to Treasure Trove. The modern finds are of no further archaeological value and could be discarded.

6 DISCUSSION

In this section, the battle related finds recovered by the 2018 metal detecting are discussed based on what is known about the battle from historical sources and the results of the metal detecting undertaken in 2003 and 2015.

The results of the metal detecting survey complements both the results of the metal detecting undertaken in 2003 for Two Men in a Trench (Pollard & Oliver 2003, Banks & Pollard 2004) and the results of the metal detecting carried out by GUARD 2015 in that it provides further evidence to support the location of the battlefield indicated by historical sources. This is demonstrated by the widespread distribution of material related to the battlefield over approximately 1.5km from the Allt Chluain at the west (the Jacobite right/Government left) to Allt Girmaig at the east (the Jacobite left/Government right), and the high level of survival of material remains relating to the battle. However, the number of battle related finds (33 in total) recovered by the 2018 metal detecting survey is modest in comparison to the results of the earlier metal detecting surveys.

The recovery of battle related objects from Field F10, comprising three shot (SF0264, SF0343 and SF0434), one decorative buckle (SF0323) and four fragments of horseshoe (SF0063, SF0319, SF0380 and SF0392) correlates well with the results of the 2015 metal detecting survey which recovered musket shot, carbine shot, pistol shot, impacted lead shot, a button and a sword belt fitting from Field F11 immediately to the east. The recovery of munitions from these fields, concentrated on and around the visible terraces, and a pistol ball from Field F2 (although as the latter was recovered from above a stone layer dumped to provide access it is unlikely to be in situ), may indicate more intensive fighting in this area, as suggested by MacLean's later account (1889, 203) than the results of the 2003 metal detecting (albeit based on two narrow grids) or Mackay's account of the battle (<http://digital.nls.uk/scotlandspages/timeline/1689.htm>) suggested.

The recovery of battle related finds from Field F10 also suggests that in this area the Jacobite right may have matched or even extended beyond the left of the Government line which is believed to have been anchored on the small hillock which is now occupied by Balchroic Cottage.

From Field F3 and F3 (ext.) battle related finds comprise four lead shot (one musket shot (SF0833) and three splattered shot (SF0736, SF0762 and SF0925)) and one horseshoe (SF0511). This concentration again supports the results of the 2003 metal detecting, and the recovery of pistol shot may provide a further indication of close quarter fighting suggested by the recovery of a grenade from this field in 2003 (Pollard and Oliver 2003, 234).

The recovery of two musket balls (SF0740 and SF0870) along with a splattered shot (SF1063) provide some evidence for the extension eastwards of the spread of musket balls identified by Pollard and Oliver in this field (2003, 233) in Field F7 which was interpreted by them as evidence for the final volley from the Government forces at the Jacobites as they again became visible at the southern edge of a localised terrace after being hidden from view. The recovery of munitions in field F7/F8 (Ext.), comprising a musket ball (SF1135), impacted shot (SF1018), and two splattered shot (SF1024 and



ILLUS 16 West facing shot of Field F7/F8 **ILLUS 17** West facing shot of Skirmish Field 1 **ILLUS 18** East facing shot of Field F16

SF1039) may provide further evidence to support the location of the government line in this area, downslope of the terrace described above.

However, the lack of concentration of munitions from further east in Field F7 may reflect changes in the local topography with the transition from a terrace in the west to a more even, moderate slope towards the centre and the east of these fields. The lack of terrace may have resulted in the charging Jacobites being more visible to the Government troops below. This visibility may have allowed the Government to open fire on the Jacobites from a greater distance, the overall effect of which would be to dissipate rather than concentrate the distribution of munitions or result in a distribution further to the north in areas previously disturbed by the construction of the existing A9. It should however be noted that Field F7 and F8

have been subject to heavy ploughing since the 2003 survey which may have altered the retrieval and distribution of battle related finds (Illus 17).

In 2015 Field F9 was metal detected using 10m transects and battle related finds recovered comprised a button and an impacted musket ball. The nature and concentration of battle related material recovered from Field F9 by the 2018 metal detecting, which comprised one musket shot (SF1244) and one pistol shot (SF1244), both of which were impacted, and one fragment of horse shoe (SF1206) largely confirms the results of the 2015 survey. The results of both these surveys provides some evidence for fighting in these areas, although the lack of concentration of munitions from the Fields F9 (and from Field F16 located immediately to north of the A9) may indicate that it was less intensive than in other areas. While

this may support Balhadie's statement that half of Hastings regiment (thought to have been stationed in this area adjacent to the Allt Girnaig) was not engaged, it does not provide much in the way of evidence for flanking fire from the same regiment that caused the Sleat MacDonald's to stall their charge (Drummond 1842).

No munitions were recovered from Skirmish Field 1 or from Skirmish Field 2. The only possible battle-related find comprised one horseshoe fragment recovered from Skirmish Field 1. Compared to the other fields, a very large amount of recent ferrous material such as aluminium cans (not retained), household rubbish (not retained) and modern agricultural machinery parts were recovered from these fields especially Skirmish Field 2 suggesting a high level of disturbance. This is likely to have come from activity relating to the construction of the existing A9. The lack of battle related material Skirmish Field 2 to the north of the A9 does not preclude that activity not identified in the historical sources took place but that it has not been recovered due to the high level of disturbance.

No weapons were recovered by the 2018 metal detecting and this broadly correlates with the results of the 2003 and 2015 metal detecting surveys and may support the conclusion that weapons were removed from the battlefield following the battle for reuse.

Field F10 showed faint signs of rig and furrow agriculture, particularly towards its western end and a very high concentration of modern finds which may relate to the manuring of this field. Traces of rigs were also visible to the south of Field F9 (ext.). The considerably large quantity of modern finds recovered from Field F3/F3 (ext.) may also indicate manuring. As mentioned above Skirmish Field 2 had a higher proportion of recent ferrous material likely indicating relatively recent disturbance.

It is also worth noting that lead shot was used throughout this landscape after the battle for hunting, as indicated by lead bullets (SF0693 and SF1096) dating to the 19th century. Modern rifle and shotgun casings were also located across the survey area confirming that this has been an active hunting landscape for several centuries.

One of the aims of the programme of research was to inform relevant research objectives of ScARF, pertaining to conflict and battlefield archaeology. The results of the metal detecting survey has linked the material aspects of the landscape with matters of experience and movement, showing the results of action and the conditions which facilitated or constrained that action, one of the ScARF research objectives (ScARF 2012, 117–129). From this it may be possible to build on this knowledge of the material to interpret other past actions and movements and, from there, to construct an understanding of how these people may have experienced this action.

On a wider scope and based on the ScARF research recommendations (ScARF 2012,129) the themes outlined above also have the potential to frame and inspire future research which will aid development of knowledge and understanding of modern Scotland. It has the potential to articulate relationships between the recent past and the present, explaining how current social, economic, political and environmental circumstances came to be.

7 CONCLUSION

In comparison to the earlier surveys, both of which recovered large quantities of battle related finds, the metal detecting survey produced a relatively modest assemblage of battle related finds.

However, the results of the metal detecting support the results of the 2003 and 2015 metal detecting surveys in the widespread distribution and survivability of finds between the Allt Chluain and the Allt Girnaig.

The recovery of munitions from Field F10 also provides further evidence for more intensive fighting to the west of the battlefield as suggested by the 2015 survey (and potentially indicated that the Jacobite line extended beyond the Government line in this area), while further evidence to indicate fighting on the Government line immediately to the west of Urrard House was recovered from Field F3 and Field F3 (ext.). Additional evidence for intensive fighting in the form of munitions was recovered from Field F7 and F8, although the concentration of munitions recovered from the southern edge of a small terrace in the west of Field F7 which was interpreted by Pollard and Oliver (2003) as evidence for the final volley from the Government forces at the Jacobites, did not extend eastwards. This may reflect localised changes in topography with the transition from a terrace to moderate slope providing greater visibility of the charging Jacobites and allowing the Government forces to open fire on them from a greater distance, dissipating rather than concentrating the distribution of munitions, or resulting in a distribution further to the north in areas previously disturbed by the construction of the existing A9.

While the recovery of munitions from Field F9 adjacent to the Allt Girnaig may indicate fighting in the area, the low concentration of munitions here, and the absence of any munitions in Skirmish Fields 1 and 2 does not suggest this was intense.

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9 APPENDICES

APPENDIX 1 FINDS TABLES

TABLE 2 Summary of finds assemblage by field and material

	Copper Alloy		Lead		Other non-ferrous metal		Iron		Ind Waste		Total	
	Findings	Find spots	Findings	Find spots	Findings	Find spots	Findings	Find spots	Findings	Find spots	Findings	Find spots
F2	–	–	1	1	–	–	49	46	–	–	50	47
F3	10	10	9	9	8	8	325	316	6	6	358	349
F6	1	1	–	–	–	–	1	1	–	–	2	2
F7/F8	7	7	12	12	3	3	278	271	–	–	300	293
F9	10	9	3	3	1	1	119	116	5	5	138	134
F10	9	9	5	5	3	3	423	394	2	2	442	413
F16	10	10	–	–	3	3	43	43	–	–	56	56
Skirmish Field 1	7	7	–	–	4	4	65	61	–	–	76	72
Skirmish Field 2	2	2	–	–	–	–	8	7	–	–	10	9
Total	56	55	30	30	22	22	1,311	1,255	13	13	1,432	1,375

TABLE 3 Summary of lead shot and any related features

Field	SF	Diam (mm)	Wgt (g)	Calibre	Impact damage	Other features
F2	0024	13	12	pistol	none	–
F10	0264	–	9	–	splatter	–
F10	0343	–	15	–	splatter	–
F10	0434	–	18	–	splatter	–
F3	0736	–	8	–	splatter	–
F7/F8	0740	–	25	?musket	flattened	–
F3	0762	–	5	–	splatter	–
F3	0833	18	24	musket	none	–
F7/F8	0870	18	29	musket	none	casting seam

Field	SF	Diam (mm)	Wgt (g)	Calibre	Impact damage	Other features
F3	0925	–	17	?pistol	splatter	–
F7/F8	1018	14	11	pistol	flattened	–
F7/F8	1024	–	6	–	splatter	–
F7/F8	1039	–	4	?pistol	splatter	–
F7/F8	1063	–	10	?pistol	splatter	–
F7/F8	1135	17	30	musket	none	–
F9	1244	18	29	musket	flattened	–
F9	1257	14	12	pistol	flattened	–

APPENDIX 2 PHOTOGRAPHIC REGISTER

Photo	Direction	Description
001	N	Pre-condition shot for F2
002	W	Pre-condition shot for F2
003	W	Pre-condition shot for F2
004	NW	Pre-condition shot for F2
005	S	Pre-condition shot for F2
006	SW	Pre-condition shot for F2
007	SW	Pre-condition shot for F2
008	W	Pre-condition shot for F2
009	W	Pre-condition shot for F10
010	E	Pre-condition shot for F10
011	E	Pre-condition shot for F10
012	W	Pre-condition shot for F10
013	E	Pre-condition shot for F10
014	NE	Pre-condition shot for F10
015	NW	Pre-condition shot for F10
016	N	Pre-condition shot for F10
017	SE	Pre-condition shot for F3
018	NW	Pre-condition shot for F3
019	W	Pre-condition shot for F3
020	SW	Pre-condition shot for F3
021	W	Pre-condition shot for F3
022	NW	Pre-condition shot for F3
023	W	Pre-condition shot for F6/7/8
024	S	Pre-condition shot for F6/7/8
025	W	Pre-condition shot for F6/7/8
026	E	Pre-condition shot for F6/7/8
027	SW	Pre-condition shot for F6/7/8
028	S	Pre-condition shot for F6/7/8
029	SE	Pre-condition shot for F6/7/8
030	E	Pre-condition shot for F6/7/8
031	E	General shot of large Fe object
032	E	General shot of large Fe object
033	N	General shot of large Fe object
034	N	General shot of large Fe object
035	W	General shot of Trench I
036	E	General shot of Trench I
037	N	South facing section of Trench I
038	NE	General shot of Trench E
039	SW	General shot of Trench E
040	SE	North-west facing section of Trench E
041	SE	General shot of Trench H
042	NW	General shot of Trench H
043	SW	NE-facing section of Trench H
044	SE	General shot of Trench G
045	NW	General shot of Trench G
046	SW	NE-facing section of Trench G
047	NE	General shot of Trench F
048	SW	General shot of Trench F
049	NW	SE-facing section of Trench F
050	SW	General shot of Trench D
051	NE	General shot of Trench D
052	SE	NW-facing section of Trench D
053	SW	General shot of Trench B
054	NE	General shot of Trench B
055	NW	SE-facing section of Trench B
056	E	General shot of Trench C
057	W	General shot of Trench C
058	N	S-facing section of Trench C
059	SE	General shot of Trench A
060	NW	General shot of trench A
061	NE	SW-facing section of Trench A
062	S	Fencing around Trenches B-I
063	SW	Fencing around Trenches B-I
064	SW	Pre-condition shot for F9
065	N	Pre-condition shot for F9
066	S	Pre-condition shot for F9
067	E	Pre-condition shot for F9
068	E	Pre-condition shot for F9
069	E	Pre-condition shot for F9
070	SE	Pre-condition shot for F9
071	S	Pre-condition shot for F9
072	E	Pre-condition shot for F9
073	S	General shot of Trench J
074	N	General shot of Trench J
075	W	E-facing section of Trench J
076	E	General shot of iron panning in Trench J
077	NE	General shot of iron panning in Trench J
078	SW	General shot of iron panning in Trench J
079	SE	General shot of trench K

Photo	Direction	Description
080	NW	General shot of Trench K
081	NE	South-west facing section of Trench K
082	NE	General shot of Trench L
083	SW	General shot of Trench L
084	NE	SW-facing section of Trench L
085	N	Shot of natural staining/tree bowl
086	SW	Shot of natural staining/tree bowl
087	SW	General shot of Trench M
088	NE	General shot of Trench M
089	NW	SE-facing section of Trench M
090	NW	General shot of plough scar [003] Trench K
091	SE	General shot of plough scar [003] Trench K
092	N	Pre-condition shot for F16
093	W	Pre-condition shot for F16
094	SW	Pre-condition shot for F16
095	SE	Pre-condition shot for F16
096	SE	Pre-condition shot for F16
097	S	Pre-condition shot for F16
098	S	Pre-condition shot for F16
099	S	Pre-condition shot for F16
100	SW	Pre-condition shot for F16
101	SE	Pre-condition shot for F16
102	N	Pre-condition shot for F16
103	SE	Pre-condition shot for F16
104	S	Pre-condition shot for F16
105	S	Pre-condition shot for F16
106	SW	Pre-condition shot for F16
107	E	Pre-condition shot for F16
108	N	Pre-condition shot for F16
109	W	Pre-condition shot for F16
110	NW	Pre-condition shot for F16
111	NW	Pre-condition shot for F16
112	SW	Pre-condition shot for F16
113	W	Post-condition shot for F10
114	NW	Post-condition shot for F10
115	W	Post-condition shot for F10
116	W	Post-condition shot for F10
117	NW	Post-condition shot for F10
118	W	Post-condition shot for F10
119	N	Post-condition shot for F10

Photo	Direction	Description
120	W	Post-condition shot for F10
121	NW	Post-condition shot for F10
122	W	Post-condition shot for F2
123	SW	Post-condition shot for F2
124	W	Post-condition shot for F2
125	W	Post-condition shot for F2
126	SW	Post-condition shot for F2
127	S	Post-condition shot for F2
128	E	Pre-condition shot for Skirmish Field 2
129	E	Pre-condition shot for Skirmish Field 2
130	N	Pre-condition shot for Skirmish Field 2
131	E	Pre-condition shot for Skirmish Field 2
132	E	Pre-condition shot for Skirmish Field 2
133	NE	Pre-condition shot for Skirmish Field 2
134	E	Pre-condition shot for Skirmish Field 2
135	N	Working shot
136	NE	Working shot
137	NE	Working shot
138	NE	Working shot
139	N	Working shot
140	N	Working shot
141	SW	Working shot
142	SE	Working shot
143	SE	Working shot
144	SW	Working shot
145	SW	Working shot
146	NE	Post-condition shot for Skirmish Field 2
147	E	Post-condition shot for Skirmish Field 2
148	E	Post-condition shot for Skirmish Field 2
149	W	Pre-condition shot for Skirmish Field 1
150	SW	Pre-condition shot for Skirmish Field 1
151	SE	Pre-condition shot for Skirmish Field 1
152	W	Pre-condition shot for Skirmish Field 1
153	NE	Pre-condition shot for Skirmish Field 1
154	SW	General shot of Skirmish Field 1
155	W	General shot of Skirmish Field 1
156	N	General shot of Skirmish Field 1
157	N	General shot of Skirmish Field 1
158	N	General shot of Skirmish Field 1
159	N	General shot of Skirmish Field 1

Photo	Direction	Description
160	N	General shot of Skirmish Field 1
161	N	General shot of Skirmish Field 1
162	N	General shot of Skirmish Field 1
163	S	General shot of Skirmish Field 1
164	S	General shot of Skirmish Field 1
165	W	General shot of Skirmish Field 1
166	W	General shot of Skirmish Field 1
167	W	General shot of Skirmish Field 1
168	W	General shot of Skirmish Field 1
169	S	General shot of Skirmish Field 1
170	W	General shot of Skirmish Field 1
171	W	General shot of Skirmish Field 1
172	N	General shot of Skirmish Field 1
173	N	General shot of Skirmish Field 1
174	W	General shot of Skirmish Field 1
175	W	General shot of Skirmish Field 1
176	W	General shot of Skirmish Field 1
177	N	General shot of Skirmish Field 1
178	W	General shot of Skirmish Field 1
179	W	General shot of Skirmish Field 1
180	W	General shot of Skirmish Field 1
181	W	General shot of Skirmish Field 1
182	W	General shot of Skirmish Field 1
183	W	General shot of Skirmish Field 1
184	W	General shot of Skirmish Field 1
185	W	General shot of Skirmish Field 1

Photo	Direction	Description
186	W	General shot of Skirmish Field 1
187	SW	Post-condition shot for Skirmish Field 1
188	W	Post-condition shot for Skirmish Field 1
189	NW	Post-condition shot for Skirmish Field 1
190	E	Post-condition shot for Skirmish Field 1
191	SW	Post-condition shot for Skirmish Field 1
192	W	Post-condition shot for Skirmish Field 1
193	W	Post-condition shot for F16
194	N	Post-condition shot for F16
195	N	Post-condition shot for F16
196	E	Post-condition shot for F9
197	S	Post-condition shot for F9
198	W	Post-condition shot for F9
199	NE	Post-condition shot for F9
200	SE	Post-condition shot for F6/7/8
201	S	Post-condition shot for F6/7/8
202	SW	Post-condition shot for F6/7/8
203	E	Post-condition shot for F6/7/8
204	S	Post-condition shot for F6/7/8
205	E	Post-condition shot for F6/7/8
206	NW	Post-condition shot for F3
207	W	Post-condition shot for F3
208	SW	Post-condition shot for F3
209	NW	Post-condition shot for F3
210	NE	Post-condition shot for F3

APPENDIX 3 FINDS CATALOGUE

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0001	F2	1	32	Iron	object	possible bolt/topper	Mod	N
0002	F2	1	7	Iron	nail	–	Mod	N
0003	F2	1	13	Iron	wire	–	Mod	N
0004	F2	1	105	Iron	bolt	–	Mod	N
0005	F2	1	9	Iron	nail	–	Mod	N
0006	F2	1	19	Iron	nut	–	Mod	N
0007	F2	1	74	Iron	object	triangular profile	Mod	N
0008	F2	1	3	Iron	wire	–	Mod	N
0009	F2	1	833	Iron	blade	machine blade	Mod	N
0010	F2	1	9	Iron	wire	–	Mod	N
0011	F2	1	36	Iron	wire	bent into S-shape	Mod	N
0012	F2	1	1	Iron	fence staple	–	20th+	N
0013	F2	1	8	Iron	wire	–	Mod	N
0014	F2	1	6	Iron	object	amorphous lump	?	N
0015	F2	1	9	Iron	fence staple	–	20th+	N
0016	F2	1	8	Iron	object	amorphous lump	?	N
0017	F2	1	7	Iron	nail	–	Mod	N
0018	F2	1	19	Iron	hook?	distorted, s-shaped	Mod	N
0019	F2	1	11	Iron	nail	–	Mod	N
0020	F2	1	170	Iron	bolt	–	Mod	N
0021	F2	1	11	Iron	strip	–	Mod	N
0022	F2	1	11	Iron	nail	–	Mod	N
0023	F2	1	2	Iron	screw	–	20th+	N
0024	F2	1	12	Lead	pistol shot	pistol ball, diam 13mm	17th-19th	Y
0025	F2	1	8	Iron	fence staple	–	20th+	N
0026	F2	1	14	Iron	fence staple	–	20th+	N
0027	F2	1	7	Iron	fence staple	–	20th+	N
0028	F2	1	9	Iron	fence staple	–	20th+	N
0029	F2	2	13	Iron	nail	–	Mod	N
0030	F2	1	53	Iron	heel tap	complete	19th-20th	N
0031	F2	1	4	Iron	nail	–	Mod	N
0032	F2	1	17	Iron	plate	rectangular	Mod	N
0033	F2	2	61	Iron	bolt and washer	–	Mod	N
0034	F2	1	8	Iron	nail	–	Mod	N
0035	F2	1	2	Iron	nail	–	Mod	N
0036	F2	1	4	Iron	nail	–	Mod	N
0037	F2	2	5	Iron	wire	–	Mod	N
0038	F2	1	11	Iron	plate	–	Mod	N

A9 DUALLING PROGRAMME: KILLIECRANKIE TO GLEN GARRY KBFP18

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0039	F2	1	8	Iron	nail	–	Mod	N
0040	F2	1	7	Iron	wire/fence staple	–	Mod	N
0041	F2	1	4	Iron	screw	–	20th+	N
0042	F2	1	8	Iron	fitting	diamond-shaped plate with u-shaped hook, screws still attached	Mod	N
0043	F2	1	91	Iron	object	triangular handle or lug protruding from plate	Mod	N
0044	F2	1	49	Iron	collar?	metal collar from shovel or tool?	Mod	N
0045	F2	1	2	Iron	fence staple	–	20th+	N
0046	F2	1	3	Iron	nail	–	Mod	N
0047	F2	1	1	Iron	fence staple	–	20th+	N
0048	F10	1	8	Iron	fence staple	–	20th+	N
0049	F10	1	5	Iron	fence staple	–	20th+	N
0050	F10	1	31	Iron	nut	–	Mod	N
0051	F10	1	45	Iron	strip	–	Mod	N
0052	F10	1	25	Iron	object	amorphous lump	?	N
0053	F10	1	14	Iron	nail	–	Mod	N
0054	F10	1	44	Iron	fixing	end plate at a curved angle from main body, hole for pin in centre	Mod	N
0055	F10	1	2	Iron	object	amorphous lump	?	N
0056	F10	1	27	Iron	nail	–	Mod	N
0057	F10	1	16	Iron	nail	–	Mod	N
0058	F10	1	125	Iron	plate	–	Mod	N
0059	F10	1	7	Iron	nail	–	Mod	N
0060	F10	1	10	Iron	nail	–	Mod	N
0061	F10	1	10	Iron	nail	–	Mod	N
0062	F10	1	41	Iron	object	curved	Mod	N
0063	F10	1	153	Iron	horseshoe	one web	PM/Mod	Y
0064	F10	1	34	Iron	nail	–	Mod	N
0065	F10	1	11	Iron	nail	–	Mod	N
0066	F10	1	4	Iron	nail	–	Mod	N
0067	F10	1	43	Iron	wire	–	Mod	N
0068	F10	1	153	Iron	object	–	?	N
0069	F10	1	71	Iron	hook	U-shaped	Mod	N
0070	F10	1	231	Iron	hinge?	door hinge?	Mod	N
0071	F10	1	51	Iron	object	amorphous lump	?	N
0072	F10	1	93	Iron	wire	–	Mod	N
0073	F10	1	7	Iron	fence staple	–	20th+	N
0074	F10	1	4	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0075	F10	1	6	Iron	fence staple	–	20th+	N
0076	F10	1	62	Iron	nail	–	Mod	N
0077	F10	1	6	Iron	nail	–	Mod	N
0078	F10	1	4	Iron	nail	–	Mod	N
0079	F10	1	3	Iron	nail	–	Mod	N
0080	F10	1	90	Iron	object	–	?	N
0081	F10	1	13	Iron	nail	–	Mod	N
0082	F10	1	6	Iron	nail	–	Mod	N
0083	F10	1	441	Iron	railing?	top of fence railing or part of a machine	Mod	N
0084	F10	1	21	Iron	object	curved	Mod	N
0085	F10	1	8	Iron	nail	–	Mod	N
0086	F10	1	16	Iron	nail	–	Mod	N
0087	F10	2	6	Iron	nail	–	Mod	N
0088	F10	1	6	Copper Alloy	coin	penny or halfpenny; both sides very worn and illegible	19th-20th	N
0089	F10	1	6	Iron	nail	–	Mod	N
0090	F10	1	21	Iron	nail	–	Mod	N
0091	F10	1	9	Iron	nail	–	Mod	N
0092	F10	1	4	Iron	nail	–	Mod	N
0093	F10	1	5	Iron	nail	–	Mod	N
0094	F10	1	3	Iron	nail	–	Mod	N
0095	F10	1	3	Iron	nail	–	Mod	N
0096	F10	1	5	Iron	nail	–	Mod	N
0097	F10	1	10	Iron	plate	rounded	Mod	N
0098	F10	1	40	Iron	nail	–	Mod	N
0099	F10	1	7	Iron	fence staple	–	20th+	N
0100	F10	1	7	Iron	nail	–	Mod	N
0101	F10	1	2	Iron	nail	–	Mod	N
0102	F10	1	6	Iron	nail	–	Mod	N
0103	F10	1	3	Iron	wire	–	Mod	N
0104	F10	1	2	Iron	wire	–	Mod	N
0105	F10	1	7	Iron	fence staple	–	20th+	N
0106	F10	1	7	Iron	fence staple	–	20th+	N
0107	F10	2	8	Iron	nail	–	Mod	N
0108	F10	1	12	Iron	wire	–	Mod	N
0109	F10	1	17	Iron	wire	–	Mod	N
0110	F10	1	5	Iron	fence staple	–	20th+	N
0111	F10	1	5	Iron	nail	–	Mod	N
0112	F10	1	3	Iron	wire	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0113	F10	1	8	Iron	fence staple	–	20th+	N
0114	F10	1	11	Iron	fence staple	–	20th+	N
0115	F10	1	8	Iron	wire	–	Mod	N
0116	F10	2	19	Iron	fence staple	–	20th+	N
0117	F10	1	4	Iron	nail	–	Mod	N
0118	F10	2	10	Iron	nail	–	Mod	N
0119	F10	1	14	Iron	nail	–	Mod	N
0120	F10	2	17	Iron	nail	–	Mod	N
0121	F10	1	15	Iron	nail	–	Mod	N
0122	F10	1	14	Iron	nail	–	Mod	N
0124	F10	1	8	Iron	fence staple	–	20th+	N
0125	F10	1	8	Iron	fence staple	–	20th+	N
0126	F10	1	5	Iron	nail	–	Mod	N
0127	F10	1	10	Iron	fence staple	–	20th+	N
0128	F10	2	39	Iron	wire	–	Mod	N
0129	F10	1	14	Iron	nail	–	Mod	N
0130	F10	1	61	Iron	plate	–	Mod	N
0131	F10	1	22	Iron	nail	–	Mod	N
0132	F10	1	0	Iron	wire	–	Mod	N
0133	F10	1	5	Iron	nail	–	Mod	N
0134	F10	1	45	Iron	wire	–	Mod	N
0135	F10	1	41	Iron	fixing?	flat, rectangular-headed peg or bolt	Mod	N
0136	F10	1	7	Iron	nail	–	Mod	N
0137	F10	1	7	Iron	nail	–	Mod	N
0138	F10	1	6	Iron	wire	–	Mod	N
0139	F10	1	11	Iron	nail	–	Mod	N
0140	F10	1	5	Iron	nail	–	Mod	N
0141	F10	1	8	Iron	nail	–	Mod	N
0142	F10	1	19	Iron	nail	–	Mod	N
0143	F10	1	21	Iron	fitting	loop with attached hook	Mod	N
0144	F10	1	17	Metal	button	back of a two-part button	19th	N
0145	F10	1	9	Iron	nail	–	Mod	N
0146	F10	1	2	Iron	nail	–	Mod	N
0147	F10	1	28	Iron	nail	–	Mod	N
0148	F10	1	5	Iron	nail	–	Mod	N
0149	F10	1	3	Iron	nail	–	Mod	N
0150	F10	1	10	Iron	nail	–	Mod	N
0151	F10	1	5	Iron	nail	–	Mod	N
0152	F10	1	6	Iron	fence staple	–	20th+	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0153	F10	1	29	Iron	nail	–	Mod	N
0154	F10	1	148	Iron	plate	rectangular	Mod	N
0155	F10	1	4	Iron	nail	–	Mod	N
0156	F10	1	2	Iron	nail	–	Mod	N
0157	F10	1	6	Iron	nail	–	Mod	N
0158	F10	1	8	Iron	plate	–	Mod	N
0159	F10	1	14	Iron	nail	–	Mod	N
0160	F10	1	22	Iron	nail	–	Mod	N
0161	F10	1	45	Iron	plate	triangular-shaped	Mod	N
0162	F10	1	41	Copper Alloy	knob	–	Mod	N
0163	F10	1	18	Iron	nail	–	Mod	N
0164	F10	1	22	Iron	nail	–	Mod	N
0165	F10	1	7	Iron	nail	–	Mod	N
0166	F10	2	12	Iron	nail	–	Mod	N
0167	F10	1	12	Iron	nail	–	Mod	N
0168	F10	1	8	Iron	nail	–	Mod	N
0169	F10	1	10	Iron	wire	–	Mod	N
0170	F10	1	8	Iron	nail	–	Mod	N
0171	F10	1	8	Iron	nail	–	Mod	N
0172	F10	1	100	Iron	stake?	–	Mod	N
0173	F10	1	14	Iron	hook	–	Mod	N
0174	F10	1	3	Iron	plate	–	Mod	N
0175	F10	1	5	Iron	nail	–	Mod	N
0176	F10	1	3	Iron	nail	–	Mod	N
0177	F10	1	71	Iron	screw	square nut attached	20th+	N
0178	F10	1	23	Iron	plate	–	Mod	N
0179	F10	1	5	Iron	nail	–	Mod	N
0180	F10	1	5	Iron	nail	–	Mod	N
0181	F10	1	37	Iron	plate	nail still attached	Mod	N
0182	F10	1	23	Iron	nail	–	Mod	N
0183	F10	1	8	Iron	nail	–	Mod	N
0184	F10	1	7	Iron	wire	–	Mod	N
0185	F10	1	11	Iron	nail	–	Mod	N
0186	F10	1	8	Iron	wire	–	Mod	N
0187	F10	1	6	Iron	nail	–	Mod	N
0188	F10	1	3	Iron	fence staple	–	20th+	N
0189	F10	1	3	Iron	wire	–	Mod	N
0190	F10	1	17	Iron	plate	–	Mod	N
0191	F10	1	18	Iron	nail	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0192	F10	1	6	Iron	nail	–	Mod	N
0193	F10	1	7	Iron	nail	–	Mod	N
0194	F10	1	5	Iron	nail	–	Mod	N
0195	F10	1	5	Copper Alloy	gun cartridge	shotgun ammo	L19th-20th	N
0196	F10	1	12	Iron	fence staple	–	20th+	N
0197	F10	1	2	Iron	nail	–	Mod	N
0198	F10	1	1	Metal	gun cartridge	rifle ammo, Remington bullet, .22?	L19th-20th	N
0199	F10	1	19	Iron	object	possible blade	Mod	N
0200	F10	1	118	Iron	blade	curved edge, likely from a machine	Mod	N
0201	F10	1	4	Iron	nail	–	Mod	N
0202	F10	1	300	Iron	object	tapering end, possibly from farming equipment?	Mod	N
0203	F10	1	19	Iron	object	curved edge	Mod	N
0204	F10	1	5	Iron	wire	–	Mod	N
0205	F10	1	55	Iron	plate	possible lead content	Mod	N
0206	F10	1	13	Iron	plate	–	Mod	N
0207	F10	1	41	Iron	nail	–	Mod	N
0208	F10	1	5	Iron	nail	–	Mod	N
0209	F10	1	4	Iron	nail	–	Mod	N
0210	F10	1	7	Iron	nail	–	Mod	N
0211	F10	1	36	Iron	horseshoe	fragment	Mod	N
0214	F10	1	5	Iron	wire	–	Mod	N
0215	F10	1	24	Iron	nail	–	Mod	N
0216	F10	1	5	Iron	nail	–	Mod	N
0217	F10	1	23	Iron	plate	–	Mod	N
0218	F10	1	150	Iron	plate	rectangular	Mod	N
0219	F10	1	35	Iron	object	amorphous lump	?	N
0220	F10	1	90	Iron	hinge?	rectangular bar, one end is cylindrical	Mod	N
0221	F10	1	2	Iron	fence staple	–	20th+	N
0222	F10	1	102	Iron	plate	curved	Mod	N
0223	F10	1	16	Iron	object	–	?	N
0224	F10	1	140	Iron	object	bar-shaped, rectangular profile	Mod	N
0225	F10	1	4	Iron	nail	–	Mod	N
0226	F10	1	8	Iron	nail	–	Mod	N
0227	F10	1	18	Iron	nail	–	Mod	N
0228	F10	1	2	Iron	fence staple	–	20th+	N
0229	F10	1	13	Iron	nail	–	Mod	N
0230	F10	1	4	Iron	nail	–	Mod	N
0231	F10	1	11	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0232	F10	1	20	Iron	object	plano-convex, one side tapering to a point	Mod	N
0233	F10	1	12	Iron	nail	–	Mod	N
0234	F10	1	11	Iron	nail	–	Mod	N
0235	F10	1	5	Copper Alloy	fitting	flat end, smaller strip protruding with an etched line design, circular perforation at other end which is broken	Mod	N
0237	F10	1	7	Iron	nail	–	Mod	N
0238	F10	1	2	Iron	nail	–	Mod	N
0239	F10	1	3	Iron	nail	–	Mod	N
0240	F10	1	6	Iron	nail	–	Mod	N
0241	F10	1	4	Iron	nail	–	Mod	N
0242	F10	1	7	Iron	plate	–	Mod	N
0243	F10	1	3	Iron	nail	–	Mod	N
0244	F10	1	17	Iron	nail	–	Mod	N
0245	F10	1	7	Iron	nail	–	Mod	N
0246	F10	1	15	Iron	nail	–	Mod	N
0247	F10	1	16	Iron	nail	–	Mod	N
0248	F10	1	1	Iron	fence staple	–	20th+	N
0249	F10	1	27	Iron	object	amorphous lump	?	N
0250	F10	1	122	Iron	plate	–	Mod	N
0251	F10	1	452	Iron	machinery?	–	Mod	N
0252	F10	1	19	Iron	chain link	–	Mod	N
0253	F10	1	170	Iron	object	tapers to a dulled point	Mod	N
0254	F10	1	20	Iron	plate	–	Mod	N
0255	F10	1	36	Iron	fixing?	curved, pronged end at one side	Mod	N
0256	F10	1	17	Iron	nail	–	Mod	N
0257	F10	1	14	Iron	nail/wire	–	Mod	N
0258	F10	1	12	Iron	plate	–	Mod	N
0259	F10	1	3	Iron	nail	–	Mod	N
0260	F10	1	77	Iron	object	amorphous lump	?	N
0261	F10	1	15	Iron	nail	–	Mod	N
0262	F10	1	10	Iron	nail	–	Mod	N
0263	F10	1	22	Iron	plate	–	Mod	N
0264	F10	1	9	Lead	splattered shot	splattered ball?	17th-19th	Y
0265	F10	1	189	Iron	hook	–	Mod	N
0266	F10	1	36	Iron	nail	–	Mod	N
0267	F10	1	9	Iron	nail?	–	Mod	N
0268	F10	2	16	Iron	wire	–	Mod	N
0269	F10	1	4	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0271	F10	1	5	Iron	nail	–	Mod	N
0272	F10	1	0	Metal	fragment	non-magnetic	?	N
0273	F10	1	2	Iron	nail	–	Mod	N
0274	F10	1	132	Iron	object	triangular-profile, tapers to a point, likely from farming equipment or tools	Mod	N
0275	F10	1	2	Iron	fragment	–	?	N
0277	F10	1	17	Iron	heel tap?	fragment	19th-20th	N
0278	F10	1	12	Iron	nail	–	Mod	N
0279	F10	1	9	Iron	nail?	–	Mod	N
0280	F10	1	10	Iron	nail	–	Mod	N
0281	F10	1	388	Iron	machinery?	part of blade or plough?	Mod	N
0282	F10	1	109	Iron	bracket	–	Mod	N
0283	F10	1	18	Iron	nail	–	Mod	N
0284	F10	1	83	Iron	ring	–	PM/Mod	N
0285	F10	1	113	Iron	nut/collar	–	Mod	N
0286	F10	1	8	Iron	nail	–	Mod	N
0287	F10	1	4	Iron	nail	–	Mod	N
0288	F10	1	32	Iron	nail?	–	Mod	N
0289	F10	1	69	Iron	object	–	?	N
0290	F10	1	92	Iron	strip	slightly curved	Mod	N
0291	F10	1	18	Iron	nail	–	Mod	N
0292	F10	1	8	Iron	nail	–	Mod	N
0293	F10	1	9	Iron	horseshoe	fragment	Mod	N
0294	F10	1	5	Iron	nail	–	Mod	N
0295	F10	1	122	Iron	plate	rectangular	Mod	N
0296	F10	1	17	Iron	nail	–	Mod	N
0297	F10	1	48	Iron	bolt	–	Mod	N
0298	F10	1	22	Iron	heel tap?	fragment	19th-20th	N
0299	F10	1	78	Iron	object	–	?	N
0300	F10	1	22	Iron	nail?	–	Mod	N
0301	F10	1	37	Iron	hook?	–	Mod	N
0302	F10	1	44	Industrial Waste	slag	amorphous lump	IA-Mod	N
0303	F10	1	10	Iron	nail	–	Mod	N
0304	F10	1	8	Iron	nail	–	Mod	N
0306	F10	1	8	Iron	nail	–	Mod	N
0307	F10	1	11	Iron	nail	–	Mod	N
0308	F10	2	3	Iron	fence staple	–	20th+	N
0309	F10	1	6	Iron	fence staple	–	20th+	N
0310	F10	1	19	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0311	F10	1	8	Iron	nail	–	Mod	N
0313	F10	1	12	Iron	nail	–	Mod	N
0314	F10	1	2	Iron	nail	–	Mod	N
0315	F10	1	8	Iron	nail	–	Mod	N
0316	F10	1	45	Iron	hook	S-shaped	Mod	N
0317	F10	1	14	Iron	nail	–	Mod	N
0318	F10	1	13	Iron	nail	–	Mod	N
0319	F10	1	28	Iron	horseshoe	fragment	PM/Mod	Y
0320	F10	1	172	Iron	rod	–	Mod	N
0321	F10	1	43	Iron	nail	–	Mod	N
0322	F10	1	72	Iron	object	–	?	N
0323	F10	1	3	Copper Alloy	buckle (decorative)	half of double-looped buckle, moderate condition, flared ends	m14th-L17th	Y
0324	F10	1	22	Iron	bolt	–	Mod	N
0325	F10	1	42	Iron	nail	–	Mod	N
0326	F10	1	15	Iron	object	amorphous lump	?	N
0327	F10	1	80	Iron	plate	–	Mod	N
0330	F10	1	8	Iron	nail	–	Mod	N
0331	F10	1	129	Iron	sickle	broken in two	PM/Mod	N
0332	F10	1	20	Iron	nail	–	Mod	N
0333	F10	1	41	Iron	nail	–	Mod	N
0334	F10	1	21	Iron	object	amorphous lump	?	N
0336	F10	1	12	Iron	nail	–	Mod	N
0337	F10	1	58	Iron	object	amorphous lump	?	N
0338	F10	1	29	Iron	object	–	?	N
0339	F10	1	37	Iron	object	amorphous lump	?	N
0340	F10	1	30	Iron	nail	–	Mod	N
0341	F10	1	21	Iron	nail	–	Mod	N
0342	F10	1	73	Iron	nail	–	Mod	N
0343	F10	1	15	Lead	splattered shot	splattered ball?	17th-19th	Y
0344	F10	1	13	Iron	nail	–	Mod	N
0345	F10	1	71	Iron	bolt?	–	Mod	N
0346	F10	1	17	Iron	nail	–	Mod	N
0347	F10	1	26	Iron	nail	–	Mod	N
0348	F10	1	6	Iron	nail	–	Mod	N
0349	F10	1	9	Iron	nail	–	Mod	N
0350	F10	21	126	Iron	nail	modern nails with charred wood attached	Mod	N
0351	F10	1	7	Iron	nail	–	Mod	N
0352	F10	1	2	Iron	nail	–	Mod	N

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0353	F10	1	29	Iron	nail	–	Mod	N
0354	F10	1	14	Iron	nail	–	Mod	N
0355	F10	1	6	Iron	nail	–	Mod	N
0356	F10	1	14	Iron	nail	–	Mod	N
0357	F10	1	288	Iron	blade?	machine blade?	Mod	N
0359	F10	1	23	Iron	nail	–	Mod	N
0360	F10	1	205	Iron	object	square-shaped object	Mod	N
0361	F10	1	57	Iron	nail	–	Mod	N
0362	F10	1	81	Iron	screw/bolt	–	20th+	N
0363	F10	1	54	Iron	object	amorphous lump	?	N
0364	F10	1	9	Iron	nail	–	Mod	N
0366	F10	1	8	Iron	nail	–	Mod	N
0367	F10	1	4	Iron	nail	–	Mod	N
0368	F10	1	6	Iron	nail	–	Mod	N
0369	F10	1	10	Iron	nail	–	Mod	N
0370	F10	1	19	Lead	object	folded onto itself	Mod	N
0371	F10	1	4	Iron	nail	–	Mod	N
0372	F10	1	46	Iron	object	long, u-shaped profile	Mod	N
0373	F10	1	240	Iron	plate	curved	Mod	N
0374	F10	1	260	Iron	object	–	?	N
0375	F10	1	16	Iron	nail	–	Mod	N
0376	F10	1	10	Iron	nail	–	Mod	N
0377	F10	1	175	Iron	nail/bolt	–	Mod	N
0378	F10	1	52	Iron	object	lump	Mod	N
0379	F10	1	34	Iron	plate	–	Mod	N
0380	F10	1	67	Iron	horseshoe	fragment	PM/Mod	Y
0381	F10	1	11	Iron	nail	–	Mod	N
0382	F10	1	12	Iron	nail	–	Mod	N
0383	F10	1	5	Iron	nail	–	Mod	N
0384	F10	1	21	Iron	nail	–	Mod	N
0386	F10	1	55	Iron	object	amorphous lump	?	N
0387	F10	1	23	Iron	horseshoe	fragment	Mod	N
0388	F10	1	7	Iron	washer	–	Mod	N
0389	F10	1	7	Iron	ring	–	PM/Mod	N
0391	F10	1	28	Iron	chain link	–	Mod	N
0392	F10	1	128	Iron	horseshoe	one web, relatively wide	PM/Mod	Y
0393	F10	1	284	Iron	hook?	–	Mod	N
0395	F10	1	20	Iron	fixing	flat, square-headed peg or bolt	Mod	N
0396	F10	1	35	Iron	object	–	?	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0397	F10	1	29	Iron	object	amorphous lump	?	N
0398	F10	1	5	Iron	nail	–	Mod	N
0399	F10	1	34	Iron	object	amorphous lump	?	N
0400	F10	1	16	Iron	nail	–	Mod	N
0401	F10	1	55	Iron	nail	–	Mod	N
0402	F10	1	67	Copper Alloy	door knob	circular	Mod	N
0403	F10	1	1	Iron	wire	–	Mod	N
0404	F10	1	21	Iron	nail	–	Mod	N
0405	F10	1	52	Iron	bolt	–	Mod	N
0406	F10	1	4	Iron	nail	–	Mod	N
0407	F10	1	22	Iron	nail/bolt	–	Mod	N
0408	F10	1	37	Iron	object	amorphous lump	?	N
0409	F10	1	202	Industrial Waste	hearth cake	amorphous lump	IA-Mod	N
0410	F10	1	25	Iron	nail	–	Mod	N
0411	F10	1	26	Iron	nail	–	Mod	N
0412	F10	1	13	Iron	nail	–	Mod	N
0413	F10	1	28	Copper Alloy	fitting	circular, crushed, perforations in centre	Mod	N
0414	F10	1	12	Iron	fence staple	–	20th+	N
0415	F10	1	55	Iron	nail	–	Mod	N
0416	F10	1	17	Lead	hem weight	hole in centre flanked by two smaller holes, edge is dotted by very small punctures, dia 36mm, 0.60oz	PM/Mod	N
0417	F10	1	6	Copper Alloy	coin	penny or halfpenny; both sides very worn and illegible	19th-20th	N
0418	F10	1	278	Iron	plate	–	Mod	N
0419	F10	1	80	Iron	object	–	?	N
0420	F10	1	2	Iron	nail	–	Mod	N
0421	F10	1	54	Iron	hook	U-shaped	Mod	N
0422	F10	1	93	Iron	plate	–	Mod	N
0423	F10	1	100	Iron	plate	triangular	Mod	N
0424	F10	1	6	Iron	nail	–	Mod	N
0425	F10	1	152	Iron	rod	square profile	Mod	N
0426	F10	1	18	Iron	nail	–	Mod	N
0427	F10	1	170	Iron	lug	lug with depression in it, possibly from farming equipment	Mod	N
0428	F10	1	14	Iron	strip	rectangular	Mod	N
0429	F10	1	6	Iron	nail	–	Mod	N
0430	F10	1	5	Iron	nail	–	Mod	N
0431	F10	1	57	Iron	nail	–	Mod	N
0433	F10	1	4	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0434	F10	1	18	Lead	splattered shot	splattered ball	17th-19th	Y
0435	F10	1	7	Iron	fence staple	-	20th+	N
0436	F10	1	6	Iron	nail	-	Mod	N
0437	F10	1	5	Iron	nail	-	Mod	N
0438	F10	1	6	Iron	washer	-	Mod	N
0439	F10	1	3	Iron	nail	-	Mod	N
0440	F10	1	4	Iron	nail	-	Mod	N
0441	F10	1	11	Iron	nail	-	Mod	N
0442	F10	1	4	Iron	nail	-	Mod	N
0443	F10	1	5	Iron	nail	-	Mod	N
0444	F10	1	69	Iron	nail	-	Mod	N
0445	F10	1	4	Iron	nail	-	Mod	N
0446	F10	1	7	Iron	nail	-	Mod	N
0447	F10	1	17	Iron	nail	-	Mod	N
0448	F10	1	220	Iron	object	-	?	N
0449	F10	1	3	Iron	wire	-	Mod	N
0450	F10	1	7	Iron	nail	-	Mod	N
0451	F10	1	9	Iron	nail	-	Mod	N
0452	F10	1	8	Iron	nail	-	Mod	N
0453	F10	1	30	Iron	plate	rectangular	Mod	N
0454	F10	1	67	Iron	collar?	-	Mod	N
0455	F10	1	16	Iron	nail	-	Mod	N
0456	F10	1	30	Copper Alloy	tube	thin sheet rolled into a tube shape	Mod	N
0457	F10	1	4	Iron	nail	-	Mod	N
0458	F10	1	10	Iron	nail	-	Mod	N
0459	F10	1	4	Iron	nail	-	Mod	N
0460	F10	1	6	Iron	nail	-	Mod	N
0461	F10	1	7	Iron	nail	-	Mod	N
0462	F10	1	5	Iron	nail	-	Mod	N
0463	F10	1	26	Iron	fitting	circular with attached peg	Mod	N
0464	F10	1	9	Iron	nail	-	Mod	N
0465	F10	1	9	Iron	object	-	?	N
0466	F10	1	38	Iron	object	amorphous lump	?	N
0467	F10	1	11	Iron	nail	-	Mod	N
0468	F10	1	8	Iron	nail	-	Mod	N
0469	F10	1	12	Iron	nail	-	Mod	N
0470	F7/F8	1	5	Iron	nail	-	Mod	N
0471	F7/F8	1	25	Iron	object	amorphous lump	?	N
0472	F7/F8	1	26	Iron	bolt	-	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0473	F7/F8	1	31	Iron	object	amorphous lump	?	N
0474	F7/F8	1	8	Iron	wire	–	Mod	N
0475	F7/F8	1	29	Iron	nail	–	Mod	N
0476	F7/F8	1	63	Iron	plate	–	Mod	N
0477	F7/F8	1	44	Iron	bolt	–	Mod	N
0478	F7/F8	1	56	Iron	plate	–	Mod	N
0479	F7/F8	1	111	Iron	object	–	?	N
0480	F7/F8	1	523	Iron	object	amorphous lump, possible cutlery handle corroded into it–stamped with a crown, 'G+R/LATENS'	19th+	N
0481	F7/F8	1	143	Iron	bar	tapered end	Mod	N
0482	F7/F8	1	13	Iron	nail	–	Mod	N
0483	F7/F8	1	5	Iron	nail	–	Mod	N
0484	F7/F8	1	3	Iron	nail	–	Mod	N
0485	F7/F8	1	33	Iron	plate	possible hinge?	Mod	N
0486	F7/F8	1	11	Iron	nail	–	Mod	N
0487	F7/F8	1	11	Iron	nail	–	Mod	N
0488	F7/F8	1	6	Iron	nail	–	Mod	N
0489	F7/F8	1	3	Iron	wire	–	Mod	N
0490	F7/F8	1	9	Iron	nail	–	Mod	N
0491	F7/F8	1	8	Iron	nail	–	Mod	N
0493	F7/F8	1	7	Iron	nail	–	Mod	N
0494	F7/F8	1	41	Iron	bolt	–	Mod	N
0495	F7/F8	1	17	Iron	nail	–	Mod	N
0496	F7/F8	2	23	Iron	bolt & nut	–	Mod	N
0497	F7/F8	1	5	Iron	nail	–	Mod	N
0498	F7/F8	1	6	Iron	nail	–	Mod	N
0499	F7/F8	1	10	Iron	nail	–	Mod	N
0500	F3	1	144	Iron	bolt	–	Mod	N
0501	F3	1	5	Iron	nail	–	Mod	N
0502	F3	1	22	Iron	blade	knife?	Mod	N
0503	F3	1	25	Iron	screw	–	20th+	N
0504	F3	1	6	Iron	nail	–	Mod	N
0505	F3	1	3	Iron	nail	–	Mod	N
0506	F3	1	5	Iron	nail	–	Mod	N
0507	F3	1	21	Iron	heel tap	complete	19th–20th	N
0508	F3	1	275	Iron	hinge/collar?	–	Mod	N
0509	F3	1	19	Iron	nail	–	Mod	N
0510	F3	1	534	Iron	fitting	curved strip with holes on either end for bolts	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0511	F3	1	104	Iron	horseshoe	fragment, wider web	PM/Mod	Y
0512	F3	1	26	Iron	plate	square-shaped with central square cut-out	Mod	N
0513	F3	1	5	Iron	nail	–	Mod	N
0514	F3	1	18	Iron	nail	–	Mod	N
0515	F3	1	37	Iron	hinge	–	Mod	N
0516	F3	1	6	Iron	nail	–	Mod	N
0517	F3	1	14	Iron	object	amorphous lump	?	N
0518	F3	1	233	Iron	plate	–	Mod	N
0519	F3	1	7	Iron	nail	–	Mod	N
0520	F3	1	12	Iron	nail	–	Mod	N
0521	F3	1	11	Iron	nail	–	Mod	N
0522	F3	1	10	Iron	nail	–	Mod	N
0523	F3	1	79	Iron	sickle	–	PM/Mod	N
0524	F3	1	16	Iron	nail	–	Mod	N
0525	F3	1	12	Iron	nail	–	Mod	N
0526	F3	1	30	Iron	nail	–	Mod	N
0527	F3	1	25	Iron	nail	–	Mod	N
0528	F3	1	4	Iron	nail	–	Mod	N
0529	F3	1	7	Iron	plate	tapering end	Mod	N
0530	F3	1	8	Iron	nail	–	Mod	N
0531	F3	1	4	Iron	nail	–	Mod	N
0532	F3	1	6	Iron	nail	–	Mod	N
0533	F3	1	5	Iron	nail	–	Mod	N
0534	F3	1	16	Iron	heel tap	fragment	19th-20th	N
0535	F3	2	21	Iron	nail	–	Mod	N
0536	F3	1	3	Iron	nail	–	Mod	N
0537	F3	1	110	Iron	bolt	–	Mod	N
0538	F3	1	21	Iron	strip	–	Mod	N
0540	F7/F8	1	5	Iron	nail	–	Mod	N
0541	F7/F8	1	43	Iron	wire	–	Mod	N
0542	F7/F8	1	34	Iron	rod	round profile, curves at 90 degree angle at one end	Mod	N
0543	F7/F8	1	22	Iron	strip	–	Mod	N
0544	F7/F8	1	89	Iron	handle	bucket?	Mod	N
0545	F7/F8	1	8	Iron	nail	–	Mod	N
0547	F7/F8	1	4	Iron	nail	–	Mod	N
0548	F7/F8	1	13	Iron	nail	–	Mod	N
0549	F7/F8	1	4	Iron	nail	–	Mod	N
0550	F7/F8	1	4	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0551	F7/F8	1	3	Iron	nail	–	Mod	N
0552	F7/F8	1	6	Iron	nail	–	Mod	N
0553	F7/F8	1	10	Iron	nail	–	Mod	N
0554	F7/F8	1	9	Iron	screw	–	20th+	N
0555	F7/F8	1	8	Iron	nail	–	Mod	N
0556	F7/F8	1	11	Iron	nail	–	Mod	N
0557	F7/F8	1	10	Iron	nail	–	Mod	N
0558	F7/F8	1	15	Iron	nail	–	Mod	N
0559	F7/F8	1	165	Iron	plate	–	Mod	N
0560	F7/F8	1	11	Iron	nail	–	Mod	N
0561	F7/F8	1	10	Iron	nail	–	Mod	N
0562	F7/F8	1	13	Iron	nail	–	Mod	N
0563	F7/F8	1	4	Iron	nail	–	Mod	N
0564	F7/F8	1	69	Iron	plate	–	Mod	N
0565	F7/F8	1	9	Iron	nail	–	Mod	N
0566	F7/F8	1	19	Iron	object	amorphous lump	?	N
0567	F7/F8	1	11	Iron	nail	–	Mod	N
0568	F7/F8	1	4	Iron	nail	–	Mod	N
0569	F7/F8	1	20	Iron	plate	–	Mod	N
0570	F7/F8	1	4	Iron	nail	–	Mod	N
0571	F7/F8	1	19	Iron	bolt	–	Mod	N
0572	F7/F8	1	7	Iron	nail	–	Mod	N
0573	F7/F8	1	5	Iron	nail	–	Mod	N
0574	F7/F8	1	7	Iron	object	amorphous lump	?	N
0575	F7/F8	1	17	Iron	fixing	keyhole-shaped	Mod	N
0576	F7/F8	1	16	Iron	nail	–	Mod	N
0577	F7/F8	1	26	Iron	fitting	part of plate still attached	Mod	N
0578	F7/F8	1	2	Iron	nail	–	Mod	N
0579	F7/F8	1	28	Iron	wire	–	Mod	N
0580	F7/F8	1	1	Iron	nail	–	Mod	N
0581	F7/F8	1	8	Iron	nail	–	Mod	N
0582	F7/F8	1	7	Iron	nail	–	Mod	N
0583	F7/F8	1	8	Iron	nail	–	Mod	N
0584	F7/F8	1	8	Iron	nail	–	Mod	N
0585	F7/F8	1	148	Iron	fitting	long strip with hook attachment at one end	Mod	N
0586	F7/F8	1	4	Iron	nail	–	Mod	N
0587	F7/F8	1	3	Iron	nail	–	Mod	N
0588	F7/F8	1	2	Iron	nail	–	Mod	N
0589	F7/F8	1	16	Iron	plate	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0590	F7/F8	1	128	Iron	nail	–	Mod	N
0591	F7/F8	1	3	Iron	nail	–	Mod	N
0592	F7/F8	1	21	Lead	object	amorphous lump	?	N
0593	F7/F8	1	10	Iron	nail	–	Mod	N
0594	F7/F8	1	474	Iron	machinery?	paddle/peg?	Mod	N
0595	F7/F8	1	4	Iron	nail	–	Mod	N
0596	F7/F8	1	7	Iron	nail	–	Mod	N
0597	F7/F8	1	28	Iron	nail	–	Mod	N
0598	F7/F8	1	19	Iron	fixing	flat, square-headed peg or bolt	Mod	N
0599	F7/F8	1	4	Iron	nail	–	Mod	N
0600	F3	1	23	Iron	fitting?	s-shaped hook attached to domed object	Mod	N
0601	F3	1	469	Iron	horseshoe	complete	Mod	N
0602	F3	1	112	Iron	chain	–	Mod	N
0603	F3	1	62	Iron	fitting	–	Mod	N
0604	F3	1	19	Iron	nail	–	Mod	N
0605	F3	1	8	Iron	nail	–	Mod	N
0606	F3	1	9	Iron	nail	–	Mod	N
0607	F3	1	97	Iron	strip	curved profile	Mod	N
0608	F3	1	302	Iron	chain	–	Mod	N
0609	F3	1	435	Iron	plate	curved	Mod	N
0610	F3	1	15	Copper Alloy	knob	flat-faced	Mod	N
0611	F3	1	85	Iron	file/chisel	–	Mod	N
0615	F7/F8	1	2	Iron	nail/wire	–	Mod	N
0616	F7/F8	1	25	Iron	object	amorphous lump	?	N
0617	F7/F8	1	2	Iron	nail	–	Mod	N
0618	F7/F8	1	31	Iron	chain link	–	Mod	N
0619	F7/F8	1	19	Iron	nail	–	Mod	N
0620	F7/F8	1	44	Iron	nail	–	Mod	N
0621	F7/F8	1	1629	Iron	fixture?	U-shaped rod, likely a fixture from machinery	Mod	N
0622	F7/F8	1	3	Iron	fragment	–	?	N
0623	F7/F8	1	22	Iron	nail	–	Mod	N
0624	F7/F8	1	23	Iron	nail	–	Mod	N
0625	F7/F8	1	237	Iron	plate	rectangular	Mod	N
0626	F7/F8	1	22	Iron	object	amorphous lump	?	N
0627	F7/F8	1	216	Iron	bolt	–	Mod	N
0628	F7/F8	1	57	Iron	plate	triangular	Mod	N
0629	F7/F8	1	198	Iron	nail	–	Mod	N
0630	F7/F8	1	19	Iron	nail	–	Mod	N
0631	F7/F8	1	2	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0632	F7/F8	1	2	Iron	nail	–	Mod	N
0633	F7/F8	1	11	Iron	nail	–	Mod	N
0634	F7/F8	1	51	Iron	object	amorphous lump	?	N
0635	F7/F8	1	35	Iron	nail	–	Mod	N
0640	F7/F8	1	13	Iron	strip	–	Mod	N
0641	F7/F8	1	14	Iron	screw	–	20th+	N
0642	F7/F8	1	7	Copper Alloy	fence staple	–	20th+	N
0643	F7/F8	1	10	Iron	nail	–	Mod	N
0644	F7/F8	1	44	Iron	nut	–	Mod	N
0645	F7/F8	1	218	Iron	bolt & nut	–	Mod	N
0646	F7/F8	1	14	Copper Alloy	buckle (plain)	rectangular, L 34mm x W 28mm	Medi-Mod	Y
0647	F10	1	3	Iron	nail	–	Mod	N
0648	F10	1	10	Iron	object	flat, curving	Mod	N
0649	F10	1	77	Iron	hinge	folded over itself	Mod	N
0650	F10	1	60	Iron	plate	–	Mod	N
0651	F10	1	29	Iron	heel tap	fragment	19th-20th	N
0653	F7/F8	1	16	Iron	nail	–	Mod	N
0654	F7/F8	1	4	Iron	nail	–	Mod	N
0655	F3	1	7	Iron	nail	–	Mod	N
0657	F3	1	113	Iron	plate	ridged	Mod	N
0658	F3	1	7	Iron	nail	–	Mod	N
0659	F3	1	8	Iron	fence staple	–	20th+	N
0660	F3	1	8	Iron	nail	–	Mod	N
0661	F3	1	7	Iron	nail	–	Mod	N
0662	F3	1	9	Iron	nail	–	Mod	N
0663	F3	1	10	Iron	fence staple	–	20th+	N
0664	F3	1	10	Copper Alloy	fitting	circular with perforations	Mod	N
0665	F3	1	2	Iron	nail	–	Mod	N
0666	F3	1	2	Iron	nail	–	Mod	N
0667	F3	1	9	Iron	nail	–	Mod	N
0668	F3	1	9	Iron	object	tapering end	Mod	N
0669	F3	1	65	Iron	bolt	–	Mod	N
0670	F3	1	127	Iron	nail	–	Mod	N
0671	F3	1	11	Iron	nail	–	Mod	N
0673	F3	1	33	Iron	plate	–	Mod	N
0674	F3	1	3	Iron	nail	–	Mod	N
0675	F3	1	7	Iron	nail	–	Mod	N
0676	F3	1	91	Iron	nut	–	Mod	N
0677	F3	1	8	Iron	nail	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0679	F3	1	7	Iron	wire	–	Mod	N
0680	F3	1	9	Iron	nail	–	Mod	N
0681	F3	1	4	Iron	nail	–	Mod	N
0682	F3	1	4	Iron	nail	–	Mod	N
0683	F3	1	11	Iron	nail	–	Mod	N
0684	F3	1	2	Iron	wire	–	Mod	N
0685	F3	1	8	Iron	nail	–	Mod	N
0686	F3	1	2	Iron	wire?	–	Mod	N
0687	F3	1	4	Metal	button	tombac?, engraved with central flower pattern	18th-e19th	N
0688	F3	1	5	Iron	nail	–	Mod	N
0689	F3	1	305	Iron	bolt	–	Mod	N
0690	F3	1	8	Iron	nail	–	Mod	N
0691	F3	1	2	Iron	wire	–	Mod	N
0692	F3	1	2	Iron	nail	–	Mod	N
0693	F3	1	9	Lead	bullet	–	M19th+	N
0694	F3	1	25	Iron	plate	nails still attached	Mod	N
0695	F3	1	4	Iron	nail	–	Mod	N
0696	F3	1	7	Iron	nail	–	Mod	N
0697	F3	1	2	Iron	nail	–	Mod	N
0698	F3	1	7	Iron	nail	–	Mod	N
0699	F3	1	4	Iron	nail	–	Mod	N
0700	F3	1	4	Iron	nail	–	Mod	N
0701	F3	1	4	Iron	nail	–	Mod	N
0702	F3	1	376	Iron	cauldron	Base sherd with tripod foot	18th-19th	N
0703	F3	1	3	Iron	wire	–	Mod	N
0704	F3	1	1	Iron	nail	–	Mod	N
0705	F3	1	7	Iron	nail	–	Mod	N
0706	F3	1	4	Copper Alloy	coin	illegible, dia 27mm	19th-20th	N
0707	F3	1	9	Iron	nail	–	Mod	N
0708	F3	1	5	Iron	nail	–	Mod	N
0709	F3	1	10	Iron	nail	–	Mod	N
0710	F3	1	9	Iron	nail	–	Mod	N
0711	F3	1	68	Iron	plate	–	Mod	N
0712	F3	1	29	Iron	nail	–	Mod	N
0713	F3	1	121	Iron	object	–	?	N
0714	F3	1	21	Iron	nail	–	Mod	N
0716	F3	1	12	Iron	bolt	–	Mod	N
0717	F3	1	172	Iron	strip	long curving strip	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0720	F3	1	2	Iron	tack	–	PM/Mod	N
0721	F3	1	12	Iron	nail	–	Mod	N
0722	F3	2	3	Iron	nail	–	Mod	N
0723	F3	1	6	Iron	nail	–	Mod	N
0724	F3	1	72	Iron	plate	–	Mod	N
0725	F3	1	6	Iron	nail	–	Mod	N
0726	F3	1	192	Iron	fitting?	rectangular strip	Mod	N
0727	F3	1	29	Iron	nail	–	Mod	N
0728	F3	1	9	Iron	nail	–	Mod	N
0729	F3	1	10	Iron	wire	–	Mod	N
0730	F3	2	7	Iron	wire	–	Mod	N
0731	F3	1	25	Iron	nail	–	Mod	N
0732	F3	1	21	Iron	nail	–	Mod	N
0733	F3	1	13	Iron	nail	–	Mod	N
0734	F3	1	3	Iron	nail	–	Mod	N
0735	F3	1	3	Iron	nail	–	Mod	N
0736	F3	1	8	Lead	splattered shot	splattered ball?	17th-19th	Y
0737	F7/F8	1	53	Iron	bolt?	–	Mod	N
0738	F7/F8	1	1	Metal	plate	non-magnetic	Mod	N
0739	F7/F8	1	13	Iron	nail	–	Mod	N
0740	F7/F8	1	25	Lead	musket shot (impacted)	impacted ?musket ball	17th-19th	Y
0741	F7/F8	1	5	Iron	nail	–	Mod	N
0743	F7/F8	1	13	Iron	wire	–	Mod	N
0744	F7/F8	1	19	Iron	nail	–	Mod	N
0745	F7/F8	1	23	Iron	nail	–	Mod	N
0746	F7/F8	1	12	Iron	fence staple	–	20th+	N
0747	F3	1	2	Iron	wire	–	Mod	N
0748	F3	1	4	Iron	nail	–	Mod	N
0749	F3	1	45	Iron	hook	teardrop-shaped loop attached to rectangular-shaped loop	Mod	N
0750	F3	1	19	Iron	nut	–	Mod	N
0753	F3	1	3	Iron	nail	–	Mod	N
0754	F3	1	6	Iron	nail	–	Mod	N
0755	F3	1	6	Iron	nail	–	Mod	N
0756	F3	1	8	Iron	nail	–	Mod	N
0757	F3	1	5	Iron	nail	–	Mod	N
0758	F3	1	6	Iron	nail	–	Mod	N
0759	F3	1	2	Iron	wire	–	Mod	N

A9 DUALLING PROGRAMME: KILLIECRANKIE TO GLEN GARRY KBFP18

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0761	F3	1	4	Iron	nail	–	Mod	N
0762	F3	1	5	Lead	splattered shot	splattered ball?	17th-19th	Y
0763	F3	1	4	Iron	nail	–	Mod	N
0764	F3	1	3	Iron	nail	–	Mod	N
0765	F3	1	5	Iron	fragment	rectangular	?	N
0766	F3	1	3	Iron	object	amorphous lump	?	N
0767	F3	1	5	Iron	nail	–	Mod	N
0768	F3	1	2	Iron	nail	–	Mod	N
0769	F3	1	3	Iron	nail	–	Mod	N
0770	F3	1	5	Iron	nail?	–	Mod	N
0771	F3	1	12	Iron	screw	–	20th+	N
0772	F3	1	4	Iron	nail	–	Mod	N
0773	F3	1	10	Iron	nail	–	Mod	N
0774	F3	1	5	Iron	nail	–	Mod	N
0775	F3	1	1	Iron	nail	–	Mod	N
0776	F3	1	3	Iron	nail	–	Mod	N
0777	F3	1	88	Iron	object	possible bracket or fixing?	Mod	N
0778	F3	1	5	Iron	nail	–	Mod	N
0779	F3	1	35	Iron	plate	–	Mod	N
0780	F3	1	5	Iron	nail	–	Mod	N
0781	F3	1	2	Iron	nail	–	Mod	N
0782	F3	1	31	Iron	bolt	–	Mod	N
0783	F3	1	9	Iron	nail	–	Mod	N
0784	F3	1	6	Iron	fragment	curved	?	N
0785	F3	1	5	Iron	nail	–	Mod	N
0786	F3	1	6	Iron	nail	–	Mod	N
0787	F3	1	6	Iron	nail	–	Mod	N
0788	F3	1	13	Iron	object	amorphous lump	?	N
0789	F3	1	5	Iron	nail	–	Mod	N
0790	F3	1	9	Iron	nail	–	Mod	N
0791	F3	1	5	Iron	nail	–	Mod	N
0792	F3	1	3	Iron	nail	–	Mod	N
0793	F3	1	26	Iron	plate	nails still attached, possibly part of a hinge?	Mod	N
0794	F3	1	19	Iron	nail	–	Mod	N
0795	F3	1	22	Iron	nail	–	Mod	N
0796	F3	1	33	Iron	washer	–	Mod	N
0797	F3	1	9	Iron	nail	–	Mod	N
0798	F3	1	7	Iron	nail	–	Mod	N
0799	F3	1	7	Iron	fence staple	–	20th+	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0800	F3	1	241	Iron	horseshoe	complete	Mod	N
0801	F3	1	101	Iron	fitting	square-shaped loop attached to chain?	Mod	N
0802	F3	1	286	Iron	fitting	U-shaped	Mod	N
0803	F3	1	17	Iron	nail	–	Mod	N
0804	F3	1	17	Iron	object	–	?	N
0805	F3	1	293	Iron	horseshoe	complete	Mod	N
0806	F3	1	29	Iron	nail	–	Mod	N
0807	F3	1	12	Iron	nail	–	Mod	N
0808	F3	1	71	Iron	rod	bent into L-shape	Mod	N
0809	F3	1	9	Iron	plate	–	Mod	N
0810	F3	1	4	Iron	nail	–	Mod	N
0811	F3	1	54	Iron	object	tapered end	Mod	N
0812	F3	1	4	Iron	nail	–	Mod	N
0813	F3	1	21	Iron	heel tap	fragment	19th-20th	N
0814	F3	1	8	Iron	nail	–	Mod	N
0815	F3	1	107	Iron	plate	–	Mod	N
0816	F3	1	48	Iron	object	amorphous lump	?	N
0817	F3	1	63	Iron	rod	–	Mod	N
0818	F3	1	42	Iron	stud	–	Mod	N
0819	F3	1	22	Iron	strip	flat rectangular strip of iron	Mod	N
0820	F3	1	1	Metal	washer	steel?	Mod	N
0821	F3	1	20	Iron	washer	–	Mod	N
0822	F3	1	17	Iron	nail	–	Mod	N
0824	F3	1	13	Iron	collar?	–	Mod	N
0825	F3	1	4	Iron	nail	–	Mod	N
0826	F3	1	9	Iron	nail	–	Mod	N
0827	F3	1	2	Iron	staple?	–	Mod	N
0828	F3	1	34	Iron	blade?	likely from a machine	Mod	N
0829	F3	1	9	Iron	nail	–	Mod	N
0830	F3	1	3	Metal	fragment	lightweight	?	N
0831	F3	1	6	Copper Alloy	collar?	thin strip stretched out with line engraving	Mod	N
0832	F3	1	0	Iron	fragments	–	?	N
0833	F3	1	24	Lead	musket shot	musket ball, diam 18mm	17th-19th	Y
0834	F3	1	4	Iron	nail	–	Mod	N
0835	F3	1	334	Iron	hinge	–	Mod	N
0836	F3	1	3	Metal	sheet	thin sheet of steel?	Mod	N
0837	F3	1	47	Iron	object	amorphous lump	?	N
0838	F3	1	48	Iron	bolt	–	Mod	N
0839	F3	1	18	Iron	wire	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0840	F7/F8	1	65	Iron	nail?	–	Mod	N
0841	F7/F8	1	8	Iron	nail	–	Mod	N
0842	F7/F8	1	10	Iron	fence staple	–	20th+	N
0850	F7/F8	1	8	Iron	nail	–	Mod	N
0851	F7/F8	1	30	Iron	object	amorphous lump	?	N
0852	F7/F8	1	8	Iron	nail	–	Mod	N
0853	F7/F8	1	51	Iron	buckle (plain)	plain, L 48mm x W 46mm	Medi-Mod	Y
0854	F7/F8	1	67	Iron	nail?	–	Mod	N
0855	F7/F8	1	5	Iron	nail	–	Mod	N
0856	F7/F8	1	9	Iron	nail	–	Mod	N
0857	F7/F8	1	8	Iron	nail	–	Mod	N
0858	F7/F8	1	67	Iron	collar?	–	Mod	N
0859	F7/F8	1	1	Iron	wire	–	Mod	N
0860	F7/F8	1	7	Iron	nail	–	Mod	N
0861	F7/F8	1	232	Iron	rod	round profile	Mod	N
0862	F7/F8	1	25	Iron	object	amorphous lump	?	N
0863	F3	1	3	Iron	nail	–	Mod	N
0864	F3	1	47	Iron	nail	–	Mod	N
0865	F3	1	1	Iron	wire	–	Mod	N
0866	F3	1	46	Iron	blade?	tool/machinery?	Mod	N
0867	F10	1	34	Iron	hinge?	–	Mod	N
0868	F10	1	10	Iron	object	amorphous lump	?	N
0869	F10	1	12	Iron	bar	–	Mod	N
0870	F7/F8	1	29	Lead	musket shot	musket ball, casting seam, diam 18mm	17th-19th	Y
0872	F9	1	3	Iron	nail	–	Mod	N
0873	F9	1	13	Iron	nail	–	Mod	N
0874	F9	1	67	Iron	hinge?	–	Mod	N
0875	F3	1	2	Iron	nail	–	Mod	N
0876	F3	1	2	Iron	nail	–	Mod	N
0877	F3	1	4	Iron	nail	–	Mod	N
0878	F3	1	47	Iron	plate	rivet present	Mod	N
0879	F3	1	2	Iron	nail	–	Mod	N
0880	F3	1	19	Industrial Waste	slag	amorphous lump	IA-Mod	N
0881	F3	1	12	Copper Alloy	object	plano-convex object with casting line	Mod	N
0882	F3	1	8	Copper Alloy	fitting	strip with rivet hole at one end, ridged central design	Mod	N
0883	F3	1	5	Lead	object	square sheet with rectangular cut-outs	Mod	N
0884	F3	1	1	Metal	fragment	lightweight	?	N
0885	F3	1	69	Industrial Waste	slag	amorphous lump	IA-Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0886	F3	1	4	Iron	nail	–	Mod	N
0887	F3	1	146	Industrial Waste	slag	amorphous lump	IA-Mod	N
0888	F3	1	23	Industrial Waste	slag	amorphous lump	IA-Mod	N
0889	F3	1	149	Iron	bracket	–	Mod	N
0890	F3	1	6	Copper Alloy	button	male? figure with hat in centre, words surround figure but are mostly illegible, '---!?-ENRIA FIT ---'	19th	N
0891	F3	1	1	Copper Alloy	button	sunken dish in centre, surrounded by lettering which is illegible, dia 15mm	19th-E20th	N
0892	F3	1	198	Iron	stake?	–	Mod	N
0893	F3	1	23	Lead	hem weight	two holes punched in centre, dia 39mm, 0.81oz	PM/Mod	N
0894	F3	1	139	Lead	weight?	teardrop-shaped, plano-convex, L 49mm x W 44mm (at widest), 4.9oz	PM/Mod	N
0895	F3	1	1	Iron	nail	–	Mod	N
0896	F3	1	5	Iron	fence staple	–	20th+	N
0897	F3	1	9	Iron	nail	–	Mod	N
0898	F3	1	14	Iron	wire	–	Mod	N
0899	F3	1	69	Iron	bar	–	Mod	N
0900	F3	1	12	Iron	nail	–	Mod	N
0901	F3	1	18	Iron	wire	–	Mod	N
0902	F3	1	6	Metal	button	silver?, shank forms part of button, dia 21mm	1945+	N
0903	F3	1	3	Iron	nail	–	Mod	N
0904	F3	1	1	Iron	wire	–	Mod	N
0905	F3	1	6	Iron	nail	–	Mod	N
0906	F3	1	4	Iron	nail	–	Mod	N
0907	F3	1	13	Iron	nail	–	Mod	N
0908	F3	1	10	Iron	nail	–	Mod	N
0909	F3	1	18	Iron	bar	–	Mod	N
0910	F3	1	16	Iron	nail	–	Mod	N
0911	F3	1	343	Iron	horseshoe	complete	Mod	N
0912	F3	1	27	Iron	object	corroded bundle of wire	Mod	N
0913	F3	1	99	Iron	pulley wheel?	–	Mod	N
0914	F3	1	5	Iron	nail	–	Mod	N
0915	F3	1	52	Iron	lever/handle	–	Mod	N
0916	F3	1	7	Iron	wire	–	Mod	N
0917	F3	1	2	Iron	wire	–	Mod	N
0918	F3	1	15	Iron	nail	–	Mod	N
0919	F3	1	3	Iron	wire	–	Mod	N
0920	F3	1	93	Iron	nail	–	Mod	N
0921	F3	1	6	Iron	nail	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0922	F3	1	4	Iron	nail	–	Mod	N
0923	F3	1	14	Iron	nail	–	Mod	N
0924	F3	1	6	Iron	nail	–	Mod	N
0925	F3	1	17	Lead	splattered shot	splattered ?pistol ball	17th-19th	Y
0926	F3	1	5	Iron	nail	–	Mod	N
0927	F3	1	27	Iron	nail	–	Mod	N
0928	F3	1	3	Iron	nail	–	Mod	N
0929	F3	1	10	Iron	nail	–	Mod	N
0930	F3	1	14	Iron	nail	–	Mod	N
0931	F3	1	9	Iron	bicycle bell	half missing	20th+	N
0932	F3	1	11	Iron	nail	–	Mod	N
0933	F3	1	1	Iron	wire	–	Mod	N
0934	F3	1	4	Iron	wire	–	Mod	N
0935	F3	1	24	Iron	nail	–	Mod	N
0936	F3	1	16	Iron	nail?	–	Mod	N
0937	F3	1	9	Iron	nail	–	Mod	N
0938	F3	1	6	Iron	nail	–	Mod	N
0939	F3	1	5	Iron	nail	–	Mod	N
0940	F3	1	17	Iron	nail	–	Mod	N
0941	F3	1	10	Iron	nail	–	Mod	N
0942	F3	1	21	Iron	nail	–	Mod	N
0943	F3	1	4	Iron	nail	–	Mod	N
0944	F3	1	3	Iron	nail	–	Mod	N
0945	F3	1	4	Iron	nail	–	Mod	N
0946	F3	1	3	Iron	wire	–	Mod	N
0947	F3	1	6	Iron	nail	–	Mod	N
0948	F3	1	6	Iron	wire	–	Mod	N
0949	F3	1	11	Iron	nail	–	Mod	N
0950	F3	1	86	Iron	nail	–	Mod	N
0951	F3	1	1	Copper Alloy	coin	Elizabeth II 1/2 new penny, very worn	1971-1981	N
0952	F3	1	12	Iron	nail	–	Mod	N
0953	F3	1	89	Iron	lug?	–	Mod	N
0954	F3	1	19	Iron	nail	–	Mod	N
0955	F3	1	3	Iron	nail	–	Mod	N
0956	F3	1	5	Iron	nail	–	Mod	N
0957	F3	1	248	Industrial Waste	hearth cake	amorphous lump	IA-Mod	N
0958	F3	1	5	Iron	nail	–	Mod	N
0959	F3	1	31	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
0960	F3	1	256	Iron	fitting?	arrow-shaped with bottom shaped as if it forms a joint	Mod	N
0961	F3	1	2	Metal	button	engraved with concentric circle pattern, with a swirled outer border, shank forms part of button	1945+	N
0962	F3	1	10	Iron	nail	–	Mod	N
0963	F3	1	10	Iron	nail	–	Mod	N
0964	F3	1	23	Industrial Waste	slag	amorphous lump	IA-Mod	N
0965	F3	1	9	Iron	fence staple	–	20th+	N
0966	F3	1	4	Iron	nail	–	Mod	N
0967	F3	1	8	Iron	nail	–	Mod	N
0968	F3	1	42	Iron	nail?	–	Mod	N
0969	F3	1	7	Iron	nail	–	Mod	N
0970	F3	1	8	Iron	fence staple	–	20th+	N
0971	F3	1	6	Iron	nail	–	Mod	N
0972	F3	1	5	Iron	nail	–	Mod	N
0973	F3	1	144	Iron	hinge?	–	Mod	N
0974	F3	1	139	Iron	nail	–	Mod	N
0975	F3	1	8	Iron	wire	–	Mod	N
0976	F3	1	68	Iron	blade	–	Mod	N
0977	F3	1	5	Iron	nail	–	Mod	N
0978	F3	1	81	Iron	collar?	–	Mod	N
0979	F3	1	230	Iron	bar	tapered end	Mod	N
0980	F7/F8	1	103	Iron	plate	rectangular	Mod	N
0982	F7/F8	1	9	Iron	nail	–	Mod	N
0984	F7/F8	1	13	Iron	fence staple	–	20th+	N
0985	F7/F8	1	127	Iron	plate	rectangular	Mod	N
0986	F7/F8	1	81	Iron	nail	–	Mod	N
0988	F7/F8	1	36	Iron	heel tap	fragment	19th-20th	N
0989	F7/F8	1	14	Iron	nail	–	Mod	N
0990	F7/F8	1	16	Iron	object	–	?	N
0991	F7/F8	1	25	Iron	nut	–	Mod	N
0992	F7/F8	1	7	Iron	nail	–	Mod	N
0993	F7/F8	1	14	Iron	nail	–	Mod	N
0994	F7/F8	1	115	Iron	nail	–	Mod	N
0995	F7/F8	1	17	Iron	wire	–	Mod	N
0996	F7/F8	1	5	Iron	nail	–	Mod	N
0997	F7/F8	3	34	Iron	wire	–	Mod	N
0998	F7/F8	1	6	Iron	wire	s-shaped	Mod	N
0999	F7/F8	1	4	Iron	fence staple	–	20th+	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1000	F3	1	33	Copper Alloy	gun cartridge	shotgun ammo	L19th-20th	N
1001	F3	1	9	Iron	nail	–	Mod	N
1002	F3	1	8	Iron	wire	–	Mod	N
1003	F3	1	10	Iron	nail	–	Mod	N
1004	F3	1	45	Iron	bolt	–	Mod	N
1005	F3	1	14	Iron	bolt	–	Mod	N
1006	F3	1	64	Iron	plate	rectangular	Mod	N
1007	F3	1	323	Iron	machinery?	trapezoidal-shaped, tapers to a point with a peg at bottom	Mod	N
1008	F3	1	3	Metal	fragment	wadded aluminium foil?	Mod	N
1009	F3	1	161	Iron	bolt	–	Mod	N
1010	F3	4	19	Iron	wire	s-shaped	Mod	N
1011	F3	1	7	Iron	wire	–	Mod	N
1012	F3	1	7	Iron	nail	–	Mod	N
1013	F3	1	12	Iron	nail	–	Mod	N
1014	F3	1	6	Iron	wire	–	Mod	N
1015	F3	1	6	Iron	wire	s-shaped	Mod	N
1016	F3	1	7	Iron	wire	–	Mod	N
1017	F3	1	1	Iron	wire	s-shaped	Mod	N
1018	F7/F8	1	11	Lead	pistol shot (impacted)	pistol ball, impacted, diam 14mm	17th-19th	Y
1019	F7/F8	1	17	Iron	cutlery handle	small end fragment	Mod	N
1020	F7/F8	1	7	Iron	wire	–	Mod	N
1021	F7/F8	1	24	Iron	object	amorphous lump	?	N
1022	F7/F8	1	79	Iron	nail	–	Mod	N
1023	F7/F8	1	3	Iron	wire	–	Mod	N
1024	F7/F8	1	6	Lead	splattered shot	splattered ball?	17th-19th	Y
1025	F7/F8	1	6	Iron	wire	s-shaped	Mod	N
1026	F7/F8	1	3	Iron	wire	–	Mod	N
1027	F7/F8	2	6	Iron	wire	–	Mod	N
1028	F7/F8	1	5	Iron	nail	–	Mod	N
1029	F7/F8	1	48	Iron	cap?	circular rounded object with greasy interior, capping for machine?	Mod	N
1030	F7/F8	1	6	Iron	wire	s-shaped	Mod	N
1031	F7/F8	1	5	Iron	fence staple	–	20th+	N
1032	F7/F8	1	3	Iron	wire	–	Mod	N
1033	F7/F8	1	9	Copper Alloy	rod	–	Mod	N
1034	F7/F8	1	157	Iron	nail	–	Mod	N
1035	F7/F8	1	7	Iron	nail	–	Mod	N
1036	F7/F8	1	12	Iron	fence staple	–	20th+	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1037	F7/F8	1	3	Iron	wire	–	Mod	N
1039	F7/F8	1	4	Lead	splattered shot	splattered ?pistol ball	17th-19th	Y
1040	F7/F8	1	9	Iron	wire	–	Mod	N
1041	F7/F8	1	121	Iron	chain	circular and ovular loops	Mod	N
1042	F7/F8	1	8	Iron	nail	–	Mod	N
1043	F7/F8	1	112	Iron	nail	–	Mod	N
1044	F7/F8	1	9	Lead	sheet	flat, traingular, folded corners	Mod	N
1045	F7/F8	1	4	Iron	nail	–	Mod	N
1046	F7/F8	1	5	Iron	wire	–	Mod	N
1047	F7/F8	1	8	Iron	nail	–	Mod	N
1048	F7/F8	1	53	Lead	sheet	folded over itself	Mod	N
1049	F7/F8	1	6	Iron	wire	s-shaped	Mod	N
1050	F7/F8	1	84	Iron	hinge	–	Mod	N
1051	F7/F8	1	34	Iron	clip	–	Mod	N
1052	F7/F8	1	7	Iron	nail	–	Mod	N
1053	F7/F8	1	41	Iron	blade	machinery?	Mod	N
1054	F7/F8	1	6	Iron	wire	–	Mod	N
1055	F7/F8	1	6	Iron	wire	s-shaped	Mod	N
1056	F7/F8	1	89	Iron	nail	–	Mod	N
1057	F7/F8	1	7	Iron	wire	s-shaped	Mod	N
1059	F7/F8	1	14	Lead	hem weight	three holes punched in centre, dia c35mm, 0.49oz weight	PM/Mod	N
1060	F7/F8	1	10	Metal	gun cartridge	rifle ammo, Winchester .243	L19th-20th	N
1061	F7/F8	1	151	Iron	pin	looped with pin extension	Mod	N
1062	F7/F8	1	224	Iron	hook	closed, 8-shaped	Mod	N
1063	F7/F8	1	10	Lead	splattered shot	splattered ?pistol ball	17th-19th	Y
1064	F7/F8	1	33	Copper Alloy	ribbon	thin but wide wore wrapped into bundle	Mod	N
1065	F7/F8	1	37	Iron	nail	–	Mod	N
1066	F7/F8	1	2	Iron	wire	–	Mod	N
1067	F7/F8	1	23	Iron	fence staple	–	20th+	N
1068	F7/F8	1	110	Iron	plate	–	Mod	N
1069	F7/F8	1	117	Iron	plate	–	Mod	N
1070	F7/F8	1	63	Iron	handle?	ovular, attached to plate	Mod	N
1071	F7/F8	1	142	Iron	rod	tapered end	Mod	N
1072	F7/F8	1	4	Iron	screw	–	20th+	N
1073	F7/F8	1	26	Iron	bolt	–	Mod	N
1074	F7/F8	1	16	Iron	nail	–	Mod	N
1075	F7/F8	1	236	Iron	stake	–	Mod	N
1076	F7/F8	1	11	Iron	wire	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1077	F7/F8	1	7	Iron	nail	–	Mod	N
1078	F7/F8	1	234	Iron	bar	tapered end	Mod	N
1079	F7/F8	1	7	Iron	nail	–	Mod	N
1081	F7/F8	1	71	Iron	horseshoe	fragment, wider web	PM/Mod	Y
1082	F7/F8	1	10	Iron	nail	–	Mod	N
1083	F7/F8	1	9	Iron	nail	–	Mod	N
1084	F7/F8	1	30	Iron	bolt	–	Mod	N
1085	F7/F8	1	208	Iron	stake?	–	Mod	N
1086	F7/F8	1	6	Iron	nail	–	Mod	N
1087	F7/F8	1	18	Iron	nail	–	Mod	N
1088	F7/F8	1	9	Iron	nail	–	Mod	N
1090	F7/F8	1	5	Iron	nail	–	Mod	N
1091	F7/F8	2	45	Iron	washer	–	Mod	N
1092	F7/F8	1	27	Iron	bolt	–	Mod	N
1093	F7/F8	1	139	Iron	horseshoe	one web, wide	PM/Mod	Y
1094	F7/F8	1	12	Iron	wire	–	Mod	N
1095	F7/F8	1	131	Iron	object	amorphous lump	?	N
1096	F7/F8	1	7	Lead	bullet	impacted	M19th+	N
1097	F7/F8	1	10	Copper Alloy	gun cartridge	rifle ammo, Norma .243	L19th-20th	N
1098	F7/F8	1	9	Copper Alloy	coin	George V penny	1927	N
1099	F7/F8	1	208	Iron	pliers	–	20th+	N
1100	F7/F8	1	4	Iron	nail	–	Mod	N
1101	F7/F8	1	26	Iron	plate	–	Mod	N
1102	F7/F8	1	21	Iron	nail	–	Mod	N
1103	F7/F8	1	19	Iron	nail	–	Mod	N
1104	F7/F8	1	819	Iron	machinery?	part of blade or plough?	Mod	N
1105	F7/F8	1	9	Iron	nail	–	Mod	N
1106	F7/F8	1	7	Iron	wire	–	Mod	N
1107	F7/F8	1	4	Iron	nail	–	Mod	N
1108	F7/F8	1	5	Iron	nail	–	Mod	N
1109	F7/F8	1	26	Iron	nail	–	Mod	N
1110	F7/F8	1	25	Iron	nail	–	Mod	N
1111	F7/F8	1	10	Iron	nail	–	Mod	N
1112	F7/F8	1	746	Iron	machinery?	possible blade from machinery	Mod	N
1113	F7/F8	1	168	Iron	plate	–	Mod	N
1114	F7/F8	1	40	Copper Alloy	fitting	bent strip of metal	Mod	N
1115	F7/F8	1	19	Iron	nail	–	Mod	N
1116	F7/F8	1	209	Iron	plate	rectangular	Mod	N
1117	F7/F8	1	127	Iron	object	U-shaped profile	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1118	F7/F8	1	3	Iron	wire	–	Mod	N
1119	F7/F8	1	56	Iron	machinery?	trapezoidal-shaped, tapers to a point with a peg at bottom	Mod	N
1120	F7/F8	1	9	Iron	nail	–	Mod	N
1121	F7/F8	1	5	Iron	nail	–	Mod	N
1122	F7/F8	1	122	Iron	fitting?	looped object	Mod	N
1123	F7/F8	1	67	Iron	plate	tapering ends	Mod	N
1124	F7/F8	1	54	Iron	nail	–	Mod	N
1125	F7/F8	1	9	Iron	nail	–	Mod	N
1126	F7/F8	1	11	Iron	wire	–	Mod	N
1127	F7/F8	1	25	Iron	wire	–	Mod	N
1128	F7/F8	1	113	Iron	hook	–	Mod	N
1129	F7/F8	1	33	Iron	object	amorphous lump	?	N
1130	F7/F8	1	157	Iron	horseshoe	one web, wide	PM/Mod	Y
1131	F7/F8	1	34	Iron	nail	–	Mod	N
1132	F7/F8	1	631	Iron	bolt/nail?	–	Mod	N
1133	F7/F8	1	224	Iron	machinery?	trapezoidal-shaped, tapers to a point with a peg at bottom	Mod	N
1134	F7/F8	1	15	Metal	plate	aluminium fragment?	Mod	N
1135	F7/F8	1	30	Lead	musket shot	musket ball, diam 17mm	17th-19th	Y
1136	F9	1	13	Iron	nail	–	Mod	N
1137	F9	1	41	Iron	wire	–	Mod	N
1138	F9	1	8	Iron	wire	–	Mod	N
1139	F9	1	169	Iron	stake?	–	Mod	N
1140	F9	1	32	Copper Alloy	fitting	circular with lip and central hole	Mod	N
1141	F9	1	4	Iron	wire	–	Mod	N
1142	F9	1	17	Iron	nut	–	Mod	N
1144	F9	1	154	Iron	plate	–	Mod	N
1145	F9	1	6	Iron	wire	–	Mod	N
1146	F9	1	29	Iron	object	possible peg?	Mod	N
1147	F9	1	9	Iron	nail	–	Mod	N
1148	F9	1	454	Iron	bar	tapered end	Mod	N
1149	F9	1	58	Iron	object	amorphous lump	?	N
1150	F9	1	209	Iron	stake?	–	Mod	N
1151	F9	1	5	Iron	nail	–	Mod	N
1152	F9	1	75	Iron	object	curved	Mod	N
1153	F9	1	11	Iron	nail	–	Mod	N
1154	F9	1	418	Iron	object	–	?	N
1155	F9	1	66	Iron	nail	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1157	F9	1	7	Iron	fence staple	–	20th+	N
1158	F9	1	412	Iron	machinery?	trapezoidal-shaped, tapers to a point with a peg at bottom	Mod	N
1159	F9	1	101	Iron	bar	tapered end	Mod	N
1160	F9	1	42	Iron	object	amorphous lump	?	N
1161	F9	1	99	Iron	bracket	–	Mod	N
1162	F9	1	152	Iron	plate	–	Mod	N
1163	F9	1	24	Iron	nail	–	Mod	N
1164	F9	1	95	Iron	bracket	–	Mod	N
1165	F9	1	113	Iron	object	–	?	N
1166	F9	1	8	Iron	nail	–	Mod	N
1168	F9	1	21	Iron	nail	–	Mod	N
1169	F9	1	395	Iron	fitting	rectangular strip with attached bolts	Mod	N
1170	F9	1	8	Iron	wire	–	Mod	N
1171	F9	1	8	Iron	fence staple	–	20th+	N
1172	F9	1	3	Iron	nail	–	Mod	N
1173	F9	1	12	Iron	nail	–	Mod	N
1174	F9	1	81	Industrial Waste	slag	amorphous lump	IA-Mod	N
1175	F9	1	166	Iron	object	–	?	N
1176	F9	1	14	Iron	nail	–	Mod	N
1177	F9	1	26	Iron	nail	–	Mod	N
1178	F9	1	623	Iron	machinery?	fragment of circular machinery?	Mod	N
1179	F9	1	26	Iron	nail	–	Mod	N
1180	F9	1	17	Iron	nail	–	Mod	N
1181	F9	1	7	Iron	nail	–	Mod	N
1182	F9	1	11	Iron	nail	–	Mod	N
1183	F9	1	10	Iron	nail	–	Mod	N
1184	F9	1	4	Iron	nail	–	Mod	N
1185	F9	1	26	Iron	nail	–	Mod	N
1187	F9	1	97	Iron	bracket	–	Mod	N
1189	F9	1	16	Iron	nail	–	Mod	N
1190	F9	1	8	Iron	fence staple	–	20th+	N
1191	F9	1	50	iron	nut	–	Mod	N
1192	F9	1	4	Iron	nail	–	Mod	N
1193	F9	1	608	Iron	block	rectangular block of iron, one side with rubber? coating, function unclear	Mod	N
1194	F9	1	48	Iron	nail	–	Mod	N
1196	F9	2	23	Iron	wire	–	Mod	N
1197	F9	1	35	Iron	nail	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1198	F9	1	14	Iron	nail	–	Mod	N
1199	F9	1	103	Iron	plate	–	Mod	N
1201	F9	1	82	Copper Alloy	pipe	nut attached	Mod	N
1202	F9	1	8	Industrial Waste	slag	amorphous lump	IA-Mod	N
1203	F9	1	0	Iron	wire	–	Mod	N
1206	F9	1	156	Iron	horseshoe	one web, wide	PM/Mod	Y
1208	F9	1	6	Iron	nail	–	Mod	N
1209	F9	1	29	Iron	nut	–	Mod	N
1210	F9	1	3	Copper Alloy	gun cartridge?	–	L19th-20th	N
1211	F9	1	9	Iron	wire	–	Mod	N
1212	F9	1	65	Iron	object	–	?	N
1213	F9	1	10	Iron	nail	–	Mod	N
1214	F9	1	4	Iron	wire	–	Mod	N
1215	F9	1	31	Iron	wire	–	Mod	N
1216	F9	1	142	Iron	object	hinge attached, some sort of attachment	Mod	N
1217	F9	1	16	Iron	nail	–	Mod	N
1218	F9	2	18	Iron	wire	–	Mod	N
1219	F9	1	2	Iron	wire	–	Mod	N
1220	F9	1	66	Iron	hinge?	–	Mod	N
1221	F9	1	5	Iron	wire	–	Mod	N
1222	F9	1	3	Iron	plate	–	Mod	N
1223	F9	1	53	Iron	nut?	–	Mod	N
1224	F9	1	16	Iron	nail	–	Mod	N
1225	F9	1	59	Iron	hook	L-shaped	Mod	N
1226	F9	1	251	Iron	stake?	–	Mod	N
1227	F9	1	47	Industrial Waste	slag?	amorphous lump	IA-Mod	N
1228	F9	1	31	Iron	nail	–	Mod	N
1229	F9	1	6	Iron	nail	–	Mod	N
1230	F9	1	199	Iron	bolt	–	Mod	N
1232	F9	1	28	Iron	fixing	flat, square-headed peg or bolt	Mod	N
1233	F9	1	540	Iron	stake	–	Mod	N
1234	F9	1	232	Iron	plate	curved	Mod	N
1235	F9	1	5	Iron	fence staple	–	20th+	N
1236	F9	2	14	Copper Alloy	coin	two George V coins corroded together, corrosion present on the reverse, likely one halfpenny and one farthing?	1910-1936	N
1237	F9	1	9	Iron	fence staple	–	20th+	N
1238	F9	1	18	Iron	nail	–	Mod	N
1240	F9	1	24	Lead	spindle whorl?	exterior diam 30mm, interior hole diam 9mm, 0.85oz	Medi/PM	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1241	F9	2	339	Iron	bolt	–	Mod	N
1244	F9	1	29	Lead	musket shot (impacted)	musket ball, impacted, diam 18mm	17th-19th	Y
1245	F9	1	44	Iron	strip	rounded end on one side	Mod	N
1246	F9	1	225	Iron	plate	curved	Mod	N
1247	F9	1	20	Iron	nail	–	Mod	N
1248	F9	1	40	Iron	lid	screw-top lid for jar	Mod	N
1249	F9	1	98	Iron	bolt	–	Mod	N
1250	F9	1	79	Iron	bolt	–	Mod	N
1251	F9	1	7	Iron	nail	–	Mod	N
1252	F9	1	74	Iron	plate	rectangular	Mod	N
1253	F9	1	11	Iron	nail	–	Mod	N
1254	F9	1	58	Metal	tinfoil	wadded; discarded	Mod	N
1255	F9	1	125	Industrial Waste	slag	amorphous lump	IA-Mod	N
1256	F9	1	17	Iron	nail	–	Mod	N
1257	F9	1	12	Lead	pistol shot (impacted)	pistol ball, impacted, diam 14mm	17th-19th	Y
1258	F9	1	87	Iron	heel tap	complete	19th-20th	N
1259	F9	1	360	Industrial Waste	hearth cake	amorphous lump	IA-Mod	N
1260	F9	1	193	Iron	bracket	–	Mod	N
1261	F9	1	68	Iron	bracket	–	Mod	N
1262	F9	1	3	Iron	wire	–	Mod	N
1263	F9	1	19	Iron	wire	–	Mod	N
1264	F9	1	17	Iron	nail	–	Mod	N
1265	F9	1	6	Copper Alloy	coin	George VI threepence	1943	N
1266	F9	1	107	Iron	blade?	serrated side	Mod	N
1267	F9	1	3	Copper Alloy	coin	Elizabeth II penny	1970	N
1268	F9	1	110	Iron	plate	rectangular	Mod	N
1269	F9	1	127	Iron	rod	–	Mod	N
1270	F9	1	63	Iron	plate	–	Mod	N
1271	F9	1	109	Iron	object	curved profile	Mod	N
1272	F9	1	10	Iron	bolt	U-shaped bolt for gate latch	Mod	N
1273	F9	1	6	Copper Alloy	coin	Elizabeth II five pence, larger diameter	1970	N
1274	F9	1	10	Iron	nail	–	Mod	N
1275	F9	1	3	Iron	wiring	electrical wiring?	20th+	N
1276	F9	1	82	Copper Alloy	pulley	–	Mod	N
1277	F9	1	64	Iron	tool?	two-pronged object, one prong broken	Mod	N
1278	F9	1	9	Iron	nail	–	Mod	N
1279	F9	1	5	Copper Alloy	coin	George VI halfpenny? very corroded	1936-52	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1280	F9	1	4	Iron	nail	–	Mod	N
1281	F6(ext)	1	66	Iron	cutlery handle	head and inlay missing	Mod	N
1282	F6(ext)	1	9	Copper Alloy	gun cartridge?	–	L19th-20th	N
1283	SK2	1	5	Copper Alloy	ring	plain	PM/Mod	N
1284	SK2	1	9	Iron	wire	–	Mod	N
1285	SK2	1	118	Iron	plate	–	Mod	N
1286	SK2	1	6	Copper Alloy	fitting	circular	Mod	N
1287	SK2	1	309	Iron	machinery?	–	Mod	N
1288	SK2	2	20	Iron	nail	–	Mod	N
1289	SK2	1	7	Iron	nail	–	Mod	N
1290	SK2	1	41	Iron	object	curved lump	Mod	N
1291	SK2	1	17	Iron	nail	–	Mod	N
1292	SK1	2	38	Iron	nail	–	Mod	N
1293	SK1	1	22	Iron	washer	–	Mod	N
1294	SK1	1	10	Iron	nail	–	Mod	N
1295	SK1	1	11	Metal	sleeve?	lightweight metal	Mod	N
1296	SK1	1	63	Iron	nail	–	Mod	N
1297	SK1	1	450	Iron	fitting?	pipe with fittings	Mod	N
1298	SK1	1	184	Iron	bolt	–	Mod	N
1299	SK1	1	15	Iron	nail	–	Mod	N
1300	SK1	1	6	Iron	nail	–	Mod	N
1301	SK1	2	9	Iron	nail	–	Mod	N
1302	SK1	1	394	Iron	plate	curved	Mod	N
1303	SK1	1	186	Iron	bolt	–	Mod	N
1304	SK1	1	11	Iron	nail	–	Mod	N
1305	SK1	1	78	Iron	nut	–	Mod	N
1306	SK1	1	13	Metal	sleeve?	lightweight metal	Mod	N
1307	SK1	1	4	Iron	nail	–	Mod	N
1308	SK1	3	33	Iron	nail & screws	–	20th+	N
1309	SK1	1	13	Iron	nail	–	Mod	N
1310	SK1	1	193	Iron	plate & hook	bolts still attached	Mod	N
1311	SK1	1	10	Iron	nail	–	Mod	N
1312	SK1	1	310	Iron	plate	–	Mod	N
1313	SK1	1	73	Iron	plate	–	Mod	N
1314	SK1	1	176	Copper Alloy	caster	square-cup, wheel and fixture attached	Mod	N
1315	SK1	1	19	Iron	plate	–	Mod	N
1316	SK1	1	4	Copper Alloy	gun cartridge	shotgun ammo	L19th-20th	N
1317	SK1	1	10	Iron	nail	–	Mod	N
1318	SK1	1	25	Iron	nail	–	Mod	N

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SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1319	SK1	1	273	Metal	handle?	possible lead content	Mod	N
1320	SK1	1	256	Iron	bolt	–	Mod	N
1321	SK1	1	640	Iron	object	amorphous lump	?	N
1322	SK1	1	12	Iron	nail	–	Mod	N
1323	SK1	1	10	Iron	nail	–	Mod	N
1324	SK1	1	4	Iron	nail	–	Mod	N
1325	SK1	1	2	Iron	nail	–	Mod	N
1326	SK1	1	5	Iron	wire	–	Mod	N
1327	SK1	1	17	Iron	wire	–	Mod	N
1328	SK1	1	196	Copper Alloy	weight?	long rectangular shaft	PM/Mod	N
1329	SK1	1	44	Iron	nut	–	Mod	N
1330	SK1	1	21	Iron	plate	–	Mod	N
1331	SK1	1	599	Iron	pipe?	–	Mod	N
1332	SK1	1	7	Copper Alloy	coin	Victoria penny, 'Bun Head' issue, reverse corroded, bust on obverse most similar to earliest versions	1860-1861	N
1333	SK1	1	333	Iron	bar	tapered end	Mod	N
1335	SK1	1	109	Iron	plate	–	Mod	N
1336	SK1	1	4	Iron	nail	–	Mod	N
1337	SK1	1	71	Iron	nail	–	Mod	N
1338	SK1	1	16	Iron	wire	–	Mod	N
1339	SK1	1	11	Iron	nail	–	Mod	N
1340	SK1	1	4	Iron	nail	–	Mod	N
1341	SK1	1	6	Iron	nail	–	Mod	N
1342	SK1	1	145	Iron	tool?	blade fragment with possible tang protruding?	Mod	N
1343	SK1	1	91	Iron	plate	–	Mod	N
1344	SK1	1	6	Iron	nail	–	Mod	N
1345	SK1	1	4	Iron	nail	–	Mod	N
1346	SK1	1	15	Iron	nail	–	Mod	N
1347	SK1	1	4	Metal	gun cartridge	–	L19th-20th	N
1349	SK1	1	18	Iron	wire	–	Mod	N
1350	SK1	1	11	Iron	wire	–	Mod	N
1352	SK1	1	26	Iron	plate	–	Mod	N
1353	SK1	1	153	Iron	plate	–	Mod	N
1354	SK1	1	176	Iron	horseshoe	one web, relatively wide	PM/Mod	Y
1355	SK1	1	9	Copper Alloy	coin	George V penny	1919	N
1356	SK1	1	3	Copper Alloy	badge	senior girl guide or land ranger promise badge; red enamel present on trefoil, 'G+G' in centre with a cut out star above, scroll below in copper alloy	1915-1932	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1357	SK1	1	11	Iron	nail	–	Mod	N
1358	SK1	1	240	Iron	plate	–	Mod	N
1359	SK1	1	25	Iron	horseshoe	fragment	Mod	N
1360	SK1	1	7	Iron	nail	–	Mod	N
1361	SK1	1	8	Iron	nail	–	Mod	N
1362	SK1	1	82	Iron	scissors	–	Mod	N
1363	SK1	1	53	Iron	fitting	triangular-shaped	Mod	N
1364	SK1	1	3	Copper Alloy	button	plain with looped shank, stamp on back with a repeating rectangular pattern made of lines	19th	N
1365	SK1	1	203	Iron	nail	–	Mod	N
1366	SK1	1	6	Iron	wire	–	Mod	N
1367	F16	1	61	Iron	comb?	one tine present	Mod	N
1368	F16	1	4	Iron	fence staple	–	20th+	N
1369	F16	1	17	Metal	plate	–	Mod	N
1370	F16	1	44	Iron	pipe	–	Mod	N
1371	F16	1	14	Iron	nail	–	Mod	N
1372	F16	1	16	Iron	nail	–	Mod	N
1373	F16	1	187	Iron	bolt	–	Mod	N
1374	F16	1	23	Iron	peg?	–	Mod	N
1375	F16	1	4	Iron	nail	–	Mod	N
1376	F16	1	7	Iron	nail	–	Mod	N
1377	F16	1	15	Iron	nail	–	Mod	N
1378	F16	1	85	Iron	bolt	–	Mod	N
1379	F16	1	16	Iron	bolt	–	Mod	N
1380	F16	1	13	Metal	strip	screws still attached	Mod	N
1381	F16	1	204	Iron	bolt	–	Mod	N
1382	F16	1	762	Iron	object	U-shaped profile	Mod	N
1383	F16	1	55	Copper Alloy & Textile	cigarette case/compact	top and bottom pieces present with evidence of exterior design featuring an oval-shaped mirror surrounded by a floral design, some textile present in interior	20th	N
1384	F16	1	80	Iron	object	–	?	N
1385	F16	1	10	Iron	fence staple	–	20th+	N
1386	F16	1	34	Iron	bolt	–	Mod	N
1387	F16	1	7	Iron	nail	–	Mod	N
1388	F16	1	3	Iron	nail	–	Mod	N
1389	F16	1	3	Iron	nail	–	Mod	N
1390	F16	1	65	Iron	bolt	–	Mod	N
1391	F16	1	126	Iron	bolt	–	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1392	F16	1	7	Copper Alloy	buckle (decorative)	possible shoe buckle, oval-shaped, engraved line around the frame with a swirled pattern in centre, L 54mm x W 38mm	c1720-90	N
1393	F16	1	351	Iron	railing?	top of fence railing or part of a machine	Mod	N
1394	F16	1	3	Iron	nail?	–	Mod	N
1395	F16	1	2	Iron	nail	–	Mod	N
1396	F16	1	164	Iron	horseshoe	one web, wide	PM/Mod	Y
1397	F16	1	5	Iron	nail	–	Mod	N
1398	F16	1	1	Metal	plate	aluminium fragment?	Mod	N
1399	F16	1	17	Iron	nail	–	Mod	N
1400	F16	1	72	Iron	bolt	–	Mod	N
1401	F16	1	86	Iron	bracket	–	Mod	N
1402	F16	1	259	Iron	handle	chunky	Mod	N
1403	F16	1	8	Iron	nail	–	Mod	N
1404	F16	1	134	Iron	object	nut attached	Mod	N
1405	F16	1	3	Iron	nail	–	Mod	N
1406	F16	1	9	Iron	object	–	?	N
1407	F16	1	5	Copper Alloy	coin	George V halfpenny? reverse very worn	1910-1936	N
1408	F16	1	17	Iron	nail	–	Mod	N
1409	F16	1	8	Iron	nail	–	Mod	N
1410	F16	1	9	Copper Alloy	buckle (plain)	roller present on end, L 24mm x W 27mm	Medi-Mod	Y
1411	F16	1	21	Copper Alloy	buckle (plain)	square, roller present on end, L 35mm x W 35mm	Medi-Mod	Y
1412	F16	1	21	Iron	fitting	pin with attached loop	Mod	N
1413	F16	1	9	Copper Alloy	coin	George V penny	1902	N
1414	F16	1	82	Copper Alloy	fitting	possible fragment of handle	Mod	N
1415	F16	1	2	Iron	nail	–	Mod	N
1416	F16	1	3	Iron	nail	–	Mod	N
1417	F16	1	59	Copper Alloy	handle?	from a tool or cutlery?	Mod	N
1418	F16	1	9	Iron	nail	–	Mod	N
1419	F16	1	12	Copper Alloy	mount?	domed object with ridges circulating from centre	Mod	N
1420	F16	1	5	Copper Alloy	button	three-piece livery button, swirled floral design embossed on entire surface, looped shank surrounded by the words 'TREBLE STAND EXTRA RICH'	19th	N
1421	F16	1	151	Iron	hook?	–	Mod	N
1422	F16	1	91	Iron	bracket	–	Mod	N
1423	F3	1	0	Iron	fence staple	–	20th+	N
1424	F3	1	244	Iron	hinge	door hinge	Mod	N
1425	F3	1	40	Iron	object	bar-shaped, rectangular profile	Mod	N
1426	F3	1	1188	Iron	plate	thick	Mod	N

SF	Field	No. of pieces	Wgt (g)	Material	Type	Description	Date	Associated with Battle of Killiecrankie
1427	F7/F8	1	8	Iron	nail	–	Mod	N
1428	F7/F8	1	14	Iron	nail	–	Mod	N
1429	F7/F8	1	18	Iron	nail	–	Mod	N
1430	F7/F8	1	27	Iron	bolt	–	Mod	N
1431	F7/F8	1	15	Iron	nail	–	Mod	N
1432	F7/F8	1	104	Iron	handle?	handle or machinery attachment	Mod	N
1433	F7/F8	1	11	Iron	nail	–	Mod	N
1434	F7/F8	3	10	Iron	wire	–	Mod	N
1435	F7/F8	1	45	Iron	nail	–	Mod	N
1436	F7/F8	1	47	Iron	bolt	–	Mod	N
1437	F7/F8	1	11	Iron	fence staple	–	20th+	N
1438	F7/F8	1	27	Iron	object	amorphous lump	?	N
1439	F7/F8	1	7	Iron	fence staple	–	20th+	N
1440	F7/F8	1	4	Iron	nail	–	Mod	N
1441	F7/F8	1	9	Iron	nail	–	Mod	N
1442	F7/F8	1	5	Iron	nail	–	Mod	N
1443	F7/F8	1	16	Iron	object	flat and curved	Mod	N
1444	F7/F8	1	124	Iron	object	–	?	N
1445	F3	1	68	Lead	strip?	folded onto itself	Mod	N
1446	F3	4	1363	Iron	horseshoes	complete	Mod	N

*Note: missing numbers in SF sequence have been voided

APPENDIX 4 DISCOVERY AND EXCAVATION IN SCOTLAND ENTRY

LOCAL AUTHORITY:	Perth & Kinross
PROJECT TITLE/SITE NAME:	A9 Dualling Programme: Killiecrankie to Glen Garry Metal detecting Survey
PROJECT CODE:	KBFP18
PARISH:	Moulin
NAME OF CONTRIBUTOR:	Josh Gaunt
NAME OF ORGANISATION:	Headland Archaeology
TYPE(S) OF PROJECT:	Metal Detecting Survey
SITE/MONUMENT TYPE(S):	Battlefield
SIGNIFICANT FINDS:	–
NGR (2 letters, 8 or 10 figures)	NN 909 634
START DATE (this season)	11/06/2018
END DATE (this season)	29/06/2018
PREVIOUS WORK (incl. DES ref.)	–
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>Headland Archaeology (UK) Ltd undertook a programme of metal detecting consisting of a 100% coverage survey of 10 fields along the route of the A9, in response to a request from Historic Environment Scotland (HES) that investigations are undertaken to inform their understanding of the potential impacts of the A9 Dualling Programme on the site of the Battle of Killiecrankie (Ref BLT12).</p> <p>Of the 1,424 finds retrieved from site, 33 finds related to the battle, including lead shot, compacted lead splatter, belt buckles and horseshoes. The results of two previous metal detecting surveys of this battlefield have been synthesised with these findings, confirming the location and spread of the battle across the landscape.</p>
PROPOSED FUTURE WORK:	–
SPONSOR OR FUNDING BODY:	Transport Scotland
ADDRESS OF MAIN CONTRIBUTOR:	13 Jane Street, Edinburgh, EH6 5HE
EMAIL ADDRESS:	josh.gaunt@headlandarchaeology.com
ARCHIVE LOCATION (intended/deposited)	NRHE



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