

Carron Reservoir, Cambusbarron, Stirling

**Assessment report on Metal detector survey and archaeological
trial trenching**

for Hallam Land Management Ltd and CEG Land Promotions Ltd

14/00783/PPP – PPA-390-2046

January 2019

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Summary

Headland Archaeology (UK) Ltd undertook a metal detecting survey and subsequent programme of archaeological evaluation trenching at the proposed development site of Carron Reservoir, Cambusbarron in November and December of 2018. The site lies within the boundary of the inventory battlefield of the Battle of Bannockburn, however no evidence relating to the battlefield was identified. A handful of features suggesting activity in the prehistoric period were identified.

Introduction

Headland Archaeology was commissioned by Hallam Land Management Ltd and CEG Land Promotions Ltd to undertake a programme of archaeological works in connection to a proposed housing development of the site at Carron Reservoir. The works were undertaken in response to a condition forming part of the planning permission as set by Stirling Council (PPA-390-2046). The condition states:

No works shall take place within the development site until the developer has secured the implementation of archaeological works in accordance with a written scheme of investigation which has been submitted by the applicant and approved by the Planning Authority. Thereafter the developer shall ensure that the programme of archaeological works is fully implemented and that all recording and recovery of archaeological resources within the development site is undertaken in accordance with the scheme. Such a programme of works could include the following: historical research, excavation, post-excavation assessment and analysis, publication in an appropriate academic journal and archiving.

Reason: to safeguard and record the archaeological potential of the area.

In order to fulfil this condition a Written Scheme of Investigation (WSI) was prepared by Headland Archaeology (March 2018) on behalf of the clients; this set out the proposed strategy for archaeological mitigation which comprised a metal detecting survey followed by trial trench evaluation.

The WSI was submitted to and agreed with Stirling Council. This report details the results of the work Headland Archaeology undertook during the metal detecting survey between the 2nd and 6th of November 2018 and the trial trench evaluation between the 26th of November and the 3rd of December 2018.

Site location and Description

The site was located 1.2km west of the centre of the city of Stirling. It was bounded by St Ninian's Road to the north and Polmaise Road to the east (Illus 1). The south of the site was bounded by mature woodland and the north-west by modern development associated with the village of Cambusbarron. The site was used as pasture. The geology in the area comprised Midland Valley Sill-complex – Quartz-microgabbro bedrock overlain by superficial deposits of Devensian Till (National Environment Research Council website <http://www.bgs.ac.uk> accessed 22/02/2018).

Limited recorded archaeological sites are present in the immediate vicinity of the site. To the west the remains of an undated fort was recorded at Gillies Hill. A trial trench opened in 1984 revealed three stone faced ramparts and finds of decorated pottery, a crucible and a well-made stone bracelet, although no dates were posited for the finds (NS79SE 60). A dun was located to the south-west of the site. The remains of the dun were identified, measuring 13m in diameter with a wall 3.3m thick and a rock cut ditch to the north-west (NS79SE 48).

The site was located within the inventory boundary of the site of the Battle of Bannockburn (BTL4), defined as the area within which the main events of the battle were considered to have taken place. Bannockburn is considered to be one of the most iconic battles in Scottish history and a key moment in the Scottish Wars of Independence. While the entire battleground landscape has been significantly altered through drainage, peat extraction, felling of woodland and modern development, significant open areas remain (such as the development area), which offer the potential for survival of archaeological deposits. A metal detector survey and programme of test pitting was undertaken centred on the location of a medieval chapel some 500m to the north of the development area in Cambusbarron village (NS79SE 8). The survey revealed 560 finds including coins and equestrian items, but the test pits failed to identify built remains or human remains that could be associated with the chapel. The remains of Polmaise Castle were located to the south-west of the site. This was a country house dating from 1863 which was demolished in the 1970s.

Aims and Objectives

In line with the WSI the main objectives of the metal detector survey and trial trench evaluation were to provide sufficient evidence for confident prediction of the archaeological resource within the proposed development site and its significance and potential. More specific aims of the metal detector survey included:

- to establish any areas within increased potential which would merit targeting by trial trench.

Specific aims of the evaluation included:

- to establish the location, extent, nature and date of archaeological features or deposits that were present within the areas targeted for trenching;
- to establish the integrity and state of preservation of archaeological features or deposits that were present.

Methodology

The work was undertaken as specified in the WSI. In line with the requirements set out by Stirling Council, a metal detecting survey and archaeological trial trenching evaluation was carried out on the land associated with the development.

The metal detecting survey was undertaken over two days by a team of three members of the Scottish Artefact Recovery Group (SARG) under the supervision of two members of Headland Archaeology. The survey took place before the programme of trial trenching to inform the location of the trenches. The metal detectors were set to locate all metals and the site was divided into 10m

grids to achieve a comprehensive coverage of the area. Following completion of nine rows at the north-west of the site, this coverage was extended to a 20m grid due to the large quantity of finds of very recent date being retrieved. All target signals were investigated, the finds were flagged, assessed by an archaeologist and their location recorded using a dGPS.

The evaluation comprised a 5% sample of the available area (amounting to 5865m²) by trial trenching. Following an assessment of the known services within the site, the area deemed available for investigation was reduced by some 2.5 hectares, resulting in a final 5% sample equating to 4624m² or 2313m of linear trenching. Where significant archaeological remains were identified, it was agreed that extensions to existing trenches would be excavated, and a contingency of 2% (amounting to 2346 m²) was allowed for this, 116m² of this contingency was used (Illus 2).

Access to the site was afforded to the Stirling Council Archaeology Officer to monitor the progress of the work. Any significant discoveries or unexpected conditions were communicated immediately to the client's representative and the planning authority.

Recording

All recording followed ClfA Standards and Guidance for conducting archaeological excavation (ClfA 2014). All contexts, small finds and environmental samples were given unique numbers. All recording was undertaken on pro forma record cards. Where stratified deposits were encountered, a 'Harris' matrix was compiled. Digital photography was used to record any archaeological features with a graduated metric scale clearly visible.

A site plan including all identified features, areas of excavation and other pertinent information was recorded digitally. The site plan was accurately linked to the National Grid and heights to AOD. Digital recording was undertaken using a differential GPS that allowed data checking while in the field.

This report is in line with ClfA standards & guidance and includes all relevant specialist assessments of excavated material.

Reporting and Archives

The results of the works are presented below. A summary has been prepared for submission to Discovery & Excavation in Scotland (Appendix 2) and the OASIS database (headland1-337632).

The project archive was compiled in accordance with the guidelines published by the Chartered Institute for Archaeologists on behalf of the Archaeological Archives Forum (2014). The documentary and digital archive will be submitted to National Record for the Historic Environment (NRHE) within six months of completion of all work on this project. All finds will be reported to the Scottish Archaeological Finds Allocation Panel, which will determine the ultimate destination of the material archive.

Results

Metal detecting survey

The metal detecting survey was undertaken over two days and produced 251 finds from 250 find spots (Illus 3). These were mostly of iron, but also included copper alloy, lead and other non-ferrous metals. The finds could be categorised into 11 different groups, with the majority being fragments of fencing wire, fasteners and unidentifiable objects.

There was a much higher density of finds around the site boundary with the highest number located close to the houses on the north-west edge and the fewest recovered from the eastern portion of the site. The findings from this survey did not produce any finds of significant archaeological importance but largely just provide evidence of the agricultural use of the land in the recent past.

Trial Trenching

A total of 36 trenches totalling 4624m² (2313 linear meters) were excavated. Given the inconclusive results of the metal detector survey, the trenches were arranged to give good coverage across the site. Three additional areas where trenches were extended as part of the contingency that totalled 116.28m² were also excavated, and are labelled as TR009A, TR014A and Tr028A. Trench 26 was located across a live service so was split into two trenches (TR026A and TR026B) to avoid this.

The stratigraphic sequence was broadly similar throughout all the trenches. Geological subsoil across the site ranged from a moderately firm light pinkish-grey silty sand to a mid-pinkish-orange sandy gravel with frequent medium to large rounded and sub-rounded stone inclusions. Topsoil across the site measured between 0.25m and 0.75m thick and was composed of moderately loose mid pinkish-brown to greyish-brown sandy silt with rare small to medium sub-angular stone inclusions. A light yellowish-brown sandy silt colluvial layer was observed in five trenches, TR006, TR007, TR008, TR016 and TR032, ranging in depth from 0.06m to 0.34m. A total of nine features were identified during the evaluation, scattered across the site. A full list of contexts and photographic record is provided in Appendix 1.

Trench 014 was located in the south-west of site and contained pit [014003] that measured 0.82m long, 0.68m wide and 0.18m deep. The fill of pit [014003] was a mottled greyish-brown silty coarse sand (014004) with an abrupt deposit interface, a loose consistency and small rare stone inclusions (Illus 4). Fill (014004) contained a small amount of charred weed seeds, three lithics and a small amount of industrial waste. The deliberate backfill of the pit suggested it was for waste disposal. Trench 014 was extended (Trench 014A) for 5m around the pit to establish if there were any associated features in the area. No additional features were uncovered.

Trench 026A was located in the most southern edge of the site and contained post-hole [026005] and pit [025003]. The pit measured roughly 0.3m in diameter and 0.14m deep. The post-hole was 0.5m long, 0.46m wide and 0.38m deep, with a flattish base and steep sides. The features were filled by (026006 and 026004) respectively comprising dark to mid brown silty sand, sharp deposit interfaces, occasional medium stones and charcoal fleck inclusions (Illus 5, 6 and 7). Fill (026006) contained prehistoric pottery, fragments of fired clay and a small amount of industrial waste that is consistent with hammerscale.

Trench 028 was located along the south eastern border and contained pit [028003]. The pit measured 0.52m long, 0.5m wide and 0.1m deep. It was filled by (028004), a very dark greyish-black silty sand with a sharp deposit interface, occasional medium stones and frequent charcoal inclusions. The deposit also contained a small fragment of charred hazelnut shell, charred weed seeds and one lithic. There was no evidence of in situ burning suggesting this was not a hearth; the pit may be for disposal of burnt material. Similar to Trench 14, Trench 28 was extended for 5m (Trench 028A) to establish if there were other associated features. No additional features were uncovered.

Trench 019 was located in the north-east of site and contained pit [019003]. The trench was excavated following a period of sustained heavy rain and it rapidly filled with water upon excavation. As a result, pit [019003] was observed in plan only and it was not possible to investigate it through intrusive excavation. It measured 0.48m long and 0.4m wide and appeared similar to pit [028003].

Across the remainder of the trenches were a series of features relating to drainage and the agricultural use of the land. Trench 009 was located in the north-west of the site and contained gully [009003]. Gully [009003] measured 0.6m wide, 0.2m deep and ran for 5.96m within the trench. It was filled by (009004) which comprised greyish-brown silty/sandy clay with a moderate consistency and a clear deposit interface. This trench was extended (TR009A), following the gully to the north-west and south-east. It was not possible to further extend the trench to the north-west due to overhead power lines. The gully ran to the south-east and connected with an intricate formation of field drains. It was interpreted as forming part of the extensive drainage system of the field.

Trench 007 was located in the south-west of the site and contained two large rubble field drains, [007004 and 007006], that were roughly parallel and ran north-west to south-east. Field drain [007004] was 3.5m wide and 0.8m deep. It was filled by (007005) that comprised large to medium sub angular stones with a small amount of redeposited natural. This was deliberate rubble backfill to assist in the drainage of the land. Field drain [007006] was smaller at 1.1m wide and 0.4m deep. It was filled by (007007) that also comprised medium sub-angular stones and a small amount of redeposited natural. This drain had what appeared to be large capping stones that ran along the length of the drain that measured approximately 0.45m long, 0.35m wide and 0.1m thick. Both field drains were also recorded in Trenches 008 and 034.

Finds assessment

by Julie Franklin and Amy Koonce

The majority of the finds assemblage derived from the metal-detector survey. A total of 251 metal objects were recovered from 250 finds spots. The majority were of iron, but also included copper alloy, lead and other non-ferrous metals. A smaller quantity of finds were recovered during trial trenching, amounting to eight sherds (13g) of pottery, 32 sherds (1.1kg) of ceramic building material, seven lithics and 7g of industrial waste. The majority of finds are modern, but some are of prehistoric date. No finds could be convincingly linked to the 1314 Battle of Bannockburn. The finds are summarised in Table 1 and a complete catalogue is given at the end.

Table 1: Summary of finds assemblage by fieldwork phase/trench

Phase	Feature	Copper Alloy	Lead	Iron	Metal	Pottery (PH)	Pottery (PH)	Lithics	CBM	CBM	Ind Waste	Spot date
-	-	Count	Count	Count	Count	Count	Wgt (g)	Count	Count	Wgt (g)	Wgt (g)	-
Metal Detecting	Topsoil	59	26	133	33	-	-	-	-	-	-	Mod
Tr.007	field drain 007004	-	-	-	-	-	-	-	3	1,073	-	Mod
Tr.014	pit 014003	-	-	-	-	-	-	3	-	-	6	?
Tr.026A	post-hole 026005	-	-	-	-	8	13	3	29	19	1	PH
Tr.028	pit 028003	-	-	-	-	-	-	1	-	-	-	?
Total		59	26	133	33	8	13	7	32	1,092	7	-

Finds Assessment Methodology

The report includes both metal-detected, hand collected finds and those recovered from sample retents. The finds were collected, processed and packaged for long term storage in accordance with professional guidelines (CIfA 2014; Watkinson & Neal 1998). The finds were each assessed and recorded by appropriate specialists. The metalwork was categorised by metal type and by function within the following groups:

- Agricultural
- Building fittings
- Coins
- Dress accessories and personal items
- Fasteners and fittings
- Household utensils and furniture
- Land management and boundaries
- Machinery
- Tools
- Weaponry
- Unidentified and miscellaneous

The resultant data was then drawn together into one MS Access database. A copy of this data is given at the end of the report. A distribution map of the metal-detector finds distinguished by functional group is shown in Illus 3.

Metalwork

All the metalwork was recovered during the metal-detector survey. The finds distribution (Illus 3) clearly shows that finds of all types were more common at the western edge of the study area, close to the modern housing estate. The narrower transects used towards the western edge of the field account for some of this concentration but the near absence of finds towards the eastern edge is

clear. There are no clear patterns within the different functional groups, though it is perhaps possible to discern a slightly more even spread of finds related to agriculture and machinery (probably agricultural machinery).

Coins

There were 16 coins, all appeared to be of 20th-century or later date, with the oldest identifiable coin being a halfpenny of ?1912 and the latest being a ten pence piece of 2010.

Dress accessories and personal items

There were 21 items in this group, mostly shanked buttons of 19th century or later date. Five buckles may be of some age, though the plain form of their frames precludes close dating. A lead hem weight might derive from a dress hem or from a curtain. A zip pull is clearly modern. A copper alloy cigarette lighter was also recovered and is 20th-century or later. These finds probably represent chance losses, though it is possible that those from closer to the housing estate represent refuse disposal.

Household utensils and furniture

There were 21 finds classified in this category. Most were parts of items of cutlery. There was also a metal box, part of a food can, a furniture caster wheel, a lamp collar and a metal sink plug as well as several possible lead weights. These were predominantly found close to the housing at the western end of the field and probably derive from refuse disposal, or in some cases, possibly picnicking.

Building fittings

There were eight finds classified as such, including electrical wiring and sockets, a length of pipe, a door latch, door handle and a hinge pintle. The latter may derive from a gate. The others, like the household finds above, are probably domestic waste.

Weaponry

These were two copper alloy gun cartridges of late 19th or early 20th-century date. They were found close together towards the south-west of the site and probably derive from hunting activities.

Tools

These are three folding knives and a blade from another knife. They probably represent items used in the field.

Fasteners and fittings

There were 26 of these finds, made up of general-purpose nails, bolts, nuts, screws, washers and staples.

Agricultural

These were 13 finds, predominantly of tags from modern animal feed bags. There was also a large plug, possibly from an animal trough, a fragment of possible horseshoe and a swivel ring, which again, might relate to horse harnesses.

Land management and boundaries

These were 34 finds, predominantly of fencing wire. There were also several hooks which might relate to gate furniture, a padlock and a railing finial.

Machinery

Ten finds were classed in this category. The finds were typically unidentifiable but are most likely part of farming machinery.

Unidentified and miscellaneous

A total of 96 finds from 95 finds spots could not be identified due to being too fragmentary, corroded or of undiagnostic form.

Prehistoric pottery

There were eight small sherds (13g) of prehistoric pottery found in post-hole [026005]. The fabric was coarse and vesicular and none featured both surfaces. A single rim sherd was present. The pottery is most likely to fall under the term 'flat rimmed ware' and can be dated to the later Bronze Age to Iron Age. The homogeneity of pottery over this period, and the small size of the sherds present, preclude any finer or more definitive dating.

Lithics

Seven chips were recovered from sample retents. The majority were of quartz, one was flint. The nature of the material means it is not clear if these chips are of anthropogenic origin. All were stratified within pits [014003] and [028003], and post-hole [026005].

Ceramic building material

A collection (19g) of small abraded sherds of fired clay was found in post-hole [026005] (026006). It was associated with prehistoric pottery and might derive from ovens, hearths, pit lining or wattle and daub structures.

Three sherds (1.073kg) of ceramic building material were recovered from field drain [007004]. All are of post-medieval date and are most likely to be 18th-century or later.

Industrial waste

A small piece of vitrified light-weight material was found in pit [014003]. It may be of modern industrial origin though its nature is not clear. A small quantity of magnetic residues were recovered from a sample from [026005]. The pieces are mostly of magnetised gravel though there are a few flakes of possible hammer scale within it. They suggest burning and possible ironworking in the general vicinity.

Discussion

The earliest dated material on site is the prehistoric pottery which appears to be securely stratified within post-hole [026005]. It is associated with evidence for burning and possibly ironworking, suggesting general domestic settlement in the vicinity. The type of pottery present implies a later prehistoric date for this, though scientific dating would be needed to confirm this.

The remaining finds largely relate to the agricultural use of the land and to the recent housing estates that border the land to the west and north of the study area. None of these finds could be shown to definitively predate the 19th century and the vast majority are clearly 20th century or later. No finds could be linked to the 1314 Battle of Bannockburn.

Recommendations for further work

No further work is recommended for these finds. Scientific dating would be needed to confirm the dating of feature [026005], if any suitable material was available. If further fieldwork is undertaken at the site, then the assemblage should be re-evaluated in the light of any further finds.

Recommendations for archive

The finds should be declared to Treasure Trove. The prehistoric pottery is of some interest, though, as it stands, there is little value in retaining this material. It is recommended that the other finds be disclaimed. The archive has been prepared in accordance with professional standards (AAF 2011).

Environmental assessment

Laura Bailey

Introduction

Three samples were taken and processed for environmental assessment. The samples were taken from the fills (014004) and (028004) of pits [014003] and [028003] respectively and the fill (026006) of post-hole [026005]. Pits [014003] and [028003] are currently undated. However, post-hole [026005] contained pottery dating to the prehistoric period. The aims of the assessment were to assess the presence, preservation and abundance of any environmental remains and to determine the potential of the material for indicating the character and significance of the deposit.

Method

Bulk samples were subjected to flotation and wet sieving in a Siraf-style flotation machine. The floating debris (the flot) was collected in a 250 µm sieve and once dry, scanned using a binocular microscope. Any material remaining in the flotation tank (retent) was wet-sieved through a 1mm mesh and air-dried. Identifications, where provided, were confirmed using modern reference material and seed atlases including Cappers et al. (2006) and Zohary et al. (2012); nomenclature for wild taxa follows Stace (1997).

Results

Results of the assessment are presented in Appendix 4.1 (Environmental sample results).

Wild taxa

Charred 'weed seeds' (here used to include seeds, fruits, achene, caryopses etc.) were recovered from pits [014003] and [028003] (Appendix 4.1). The small charred weed assemblage comprised peas/vetches (*Lathyrus/Vicia*), a single bramble (*Rubus fruticosus*), seeds of the knotweed family (*Polygonaceae*), goosefoots (*Chenopodium* sp.) and an indeterminate bud.

Other charred plant remains

A small fragment (0.1g) of hazel nutshell (*Corylus avellana*) was present in the fill (028004) of pit [028003].

Wood charcoal

Wood charcoal was present in varying quantities in all features (Table A4.1). The charcoal was well preserved and contained fragments (including roundwood) of a size sufficient for AMS radiocarbon dating. The charcoal is predominantly oak but non-oak species are also present.

Scientific dating potential of the remains

The dating potential of the remains will be dependent on the nature of the research questions posed. Of the environmental evidence recovered the non-oak wood charcoal offers the best potential for AMS radiocarbon dating.

Discussion and recommendations

The environmental assemblage offers little information on site economy. The presence of hazel nutshell and bramble, albeit in very small quantities, suggests that wild foodstuffs may have been gathered. It is likely that the charred plant remains were incidentally incorporated and have no direct relationship to the features themselves.

The charcoal present in pit [014003] is abundant, well preserved and unabraded, suggesting that it has not moved far from its origin. However, the pit contained no evidence for in situ burning suggesting that the charcoal may have been 'deliberately' dumped in the feature.

The paucity of remains precludes further analysis.

Discussion

This site lay within the historically important area of the Battle of Bannockburn and so the archaeological potential was high. The evaluation uncovered four pits, one post-hole, two rubble field drains and a gully. From the results of the metal detecting survey and the trial trenching evaluation no evidence of the battle was identified at the site.

Evidence for prehistoric activity was identified in one trench at the southern end of the site. The post-hole and small pit were located in a flat area situated on top of the hill in an ideal location for settlement. The pottery found within the post-hole is likely of later prehistoric date. The presence of fired clay in the same feature suggests domestic activity as does the presence of burning or iron-working.

The remaining pits found in other trenches were similar in size and shape with similar fills and were located down slope further north from the prehistoric post-hole. Although the isolated pits remain undated it is possible they relate to the prehistoric activity in the area.

There is little to suggest that there are extensive settlement remains across the development site, although there does appear to be a low-level prehistoric presence, focused on the higher ground in the south.

The rubble-filled drains were of an earlier date to the later ceramic drains confirming the historic agricultural use of the land. The gully in TR009 is further evidence of the drainage system in the fields.

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APPENDICES

Appendix 1 – Site Registers

1.1 Trench Register

TR	Alignment	Length	Max Depth	Brief Description
001	NE-SW	100 x 1.8m	0.56m	No Archaeology
005	NW-SE	100 x 1.8m	0.41m	No Archaeology
006	N-S	50 x 1.8m	0.74m	No Archaeology
007	N-S	100 x 1.8m	0.55m	Drains [007004] and [007006]
008	E-W	50 x 1.8m	0.62m	No Archaeology
009	E-W	100 x 1.8m	0.48m	Drainage gully [009003]
009A	E-W	2 x 5 x 5m	0.40m	No Archaeology
010	NE-SW	100x1.8m	0.43m	No Archaeology
011	N-S	50 x 1.8m	0.38m	No Archaeology
012	E-W	50 x 1.8m	0.47m	No Archaeology
013	N-S	100 x 1.8m	0.49m	No Archaeology
014	NW-SE	50 x 1.8m	0.41m	Pit [014003]
014A	E-W	2 x 5 x 5m	0.40m	Continued Extension
015	NE-SW	50 x 1.8m	0.38m	No Archaeology
016	N-S	50 x 1.8m	0.74m	No Archaeology
017	E-W	50 x 1.8m	0.39m	No Archaeology
018	N-S	45 x 1.8m	0.43m	No Archaeology
019	E-W	40 x 1.8m	0.39m	Pit [019004]
021	N-S	50 x 1.8m	0.46m	No Archaeology
022	SE-NW	100 x 1.8m	0.31m	No Archaeology
023	N-S	28 x 1.8m (Trench shortened)	0.30m	No Archaeology
024	N-S	50 x 1.8m	0.40m	No Archaeology

TR	Alignment	Length	Max Depth	Brief Description
025	N-S	28 x 1.8m (Trench shortened)	0.30m	No Archaeology
026 A&B	E-W	A 27 x 1.8m & B 17 x 1.8m	0.31m	Pit [026003] and post-hole [026005]
027	E-W	50 x 1.8m	0.35m	No Archaeology
028	N-S	50 x 1.8m	0.31m	Pit [028003]
028A	N-S	50 x 1.8m	0.37m	Continued extension
029	E-W	100 x 1.8m	0.45m	No Archaeology
030	N-S	100 x 1.8m	0.43m	No Archaeology
031	E-W	50 x 1.8m	0.48m	No Archaeology
032	SE-NW	50 x 1.8m	0.49m	No Archaeology
033	N-S	65 x 1.8m	0.42m	No Archaeology
034	N-S	30 x 1.8m	0.43m	Continuation of drains [007004] and [007006]
035	SE-NW	30 x 1.8m	0.41m	No Archaeology
036	E-W	50 x 1.8m	0.39m	No Archaeology

1.2 Context Register

TR	Context	Brief Description	L (m)	W (m)	D (m)
001	001001	Topsoil - Mid greyish brown sandy silt with rare small stones	-	-	0.61
001	001002	Natural - Mid orange sand to light pinkish grey sandy gravel. Very stoney	-	-	-
002	002001	Topsoil - Mid greyish brown sandy silt with rare small - medium stones	-	-	0.56
002	002002	Natural - Mid orangey pink sand/sandy gravel with frequent large and medium stones	-	-	-
003	003001	Topsoil - Mid greyish brown sandy silt with rare small - medium stones	-	-	0.67
003	003002	Natural - Mid pinkish orange sandy gravel with frequent poorly sorted stones with pathes of pinkish grey	-	-	-
004	004001	Topsoil - Mid greyish brown sandy silt with rare small - medium stones	-	-	0.61
004	004002	Natural - Mid pinkish orange sandy gravel with frequent poorly sorted stones with pathes of pinkish grey	-	-	-
005	005001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.31
005	005002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-
005	005003	Tree Bole, V Irregular in Plan & Section, Bioturbation at Base	0.91	0.85	0.08
005	005004	Void	0.91	0.85	0.08
005	005005	Void	0.91	0.85	0.08
005	005006	Void	1.47	0.39	0.12
005	005007	Void	1.47	0.39	0.12
006	006001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.67
006	006002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-
006	006003	Subsoil - Light yellowish brown silty sand	-	-	0.07
007	007001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.49
007	007002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-
007	007003	Subsoil - Light yellowish brown silty sand	-	-	0.06

TR	Context	Brief Description	L (m)	W (m)	D (m)
007	007004	Cut of field drain	-	3.5	0.8
007	007005	rubble fill of field drain [007004], abundant in sub-rounded and sub-angular stones. Also containing small quantities of silt clay	-	3.5	0.8
007	007006	Cut of field drain	-	1.1	0.4
007	007007	Fill of field drain [007006], containing small and medium sub-rounded and sub-angular stones supporting and covering large capping stones.	-	1.1	0.4
008	008001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.25
008	008002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-
008	008003	Subsoil - Light yellowish brown silty sand	-	-	0.34
009	009001	Topsoil - Mid greyish brown sandy silt with rare small stones	-	-	0.45
009	009002	Natural - Mid orange sand to light pinkish grey sandy gravel. Very stoney	-	-	-
009	009003	Cut of Gully	5.96	0.6	0.2
009	009004	Fill of Gully [009003] comprised greyish brown silty/sandy clay	5.96	0.6	0.2
009A	009A001	Topsoil - Mid greyish brown sandy silt with rare small stones	-	-	0.38
009A	009A002	Natural - Mid orange sand to light pinkish grey sandy gravel. Very stoney	-	-	-
010	010001	Topsoil - Mid greyish brown sandy silt with rare small stones	-	-	0.4
010	010002	Natural - Mid orange sand to light pinkish grey sandy gravel. Very stoney	-	-	-
011	011001	Topsoil - Mid greyish brown sandy silt with rare small stones	-	-	0.35
011	011002	Natural - Mid orange sand to light pinkish grey sandy gravel. Very stoney	-	-	-
012	012001	Topsoil - Mid greyish brown sandy silt with rare small - medium stones	-	-	0.47
012	012002	Natural - mid orangey pink sandy gravel	-	-	-
013	013001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.45
013	013002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-

TR	Context	Brief Description	L (m)	W (m)	D (m)
014	014001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.39
014	014002	Natural - Mid orangey brown with pink silty sand and occasional small - medium stones	-	-	-
014	014003	Cut of pit, subcircular in plan, base V uneven	0.82	0.68	0.18
014	014004	fill of pit [014003], comprised of moist and loose mottled greyish brown and black silty coarse sand. Contains some organic inclusions with rare well sorted small angular stones	0.82	0.68	0.18
014A	014A001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.39
014A	014A002	Natural - Mid orangey brown with pink silty sand and occasional small - medium stones	-	-	-
015	015001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.3
015	015002	Natural - Mid brownish pink sandy gravel	-	-	-
016	016001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.58
016	016002	Natural - light pinkish orange silty gravel with occasional small - medium stones	-	-	-
016	016003	Subsoil - Light yellow grey sandy silt	-	-	0.06
017	017001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.35
017	017002	Natural - light pinkish orange silty gravel with occasional small - medium stones	-	-	-
018	018001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.41
018	018002	Natural - Light greyish pink sandy gravel	-	-	-
019	019001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.31
019	019002	Natural - light pinkish orange silty gravel with occasional small - medium stones	-	-	-
019	019003	Subsoil - Light yellow grey sandy silt	-	-	0.06
019	019004	Cut of Pit-unexcavated	0.48	0.4	-
021	021001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.42
021	021002	Natural - light greyish pink sandy gravel	-	-	-
022	022001	Topsoil - Mid orangey brown sandy silt with rare small - medium stones	-	-	0.29

TR	Context	Brief Description	L (m)	W (m)	D (m)
022	022002	Natural - Light pinkish orange sandy silt with sandy clay patches, occasional small - medium stones and rare large stones	-	-	-
023	023001	Topsoil - Mid orangey brown sandy silt with rare small - medium stones	-	-	0.28
023	023002	Natural - Light pinkish orange sandy silt with sandy clay patches, occasional small - medium stones and rare large stones	-	-	-
024	024001	Topsoil - Mid orangey brown sandy silt with rare small - medium stones	-	-	0.4
024	024002	Natural - Light pinkish orange sandy silt with sandy clay patches, occasional small - medium stones and rare large stones	-	-	-
025	025001	Topsoil - Mid orangey brown sandy silt with rare small - medium stones	-	-	0.28
025	025002	Natural - Light pinkish orange sandy silt with sandy clay patches, occasional small - medium stones and rare large stones	-	-	-
026A	026A001	Topsoil - Mid orangey brown sandy silt with rare small - medium stones	-	-	0.3
026A	026A002	Natural - Light pinkish orange sandy silt with sandy clay patches, occasional small - medium stones and rare large stones	-	-	-
026A	026A003	Cut of circular pit with steep sides, a rounded base and gradual breaks of slope.	0.35	0.3	0.14
026A	026A004	Fill of pit [026003] comprised mid brown silty sand with a sharp deposit interface, occasional medium stones and rare large stone inclusions. Rapid backfill.	0.35	0.3	0.14
026A	026A005	Cut of PH. Steep sides, with even rounded base.	0.5	0.46	0.38
026A	026A006	Fill of PH [026005] Dark brown in colour, with occ small-med stones (packing stones?) flecks of charcoal.	0.5	0.46	0.38
026B	026B001	Topsoil - Mid orangey brown sandy silt with rare small - medium stones	-	-	0.3
026B	026B002	Natural - Light pinkish orange sandy silt with sandy clay patches, occasional small - medium stones and rare large stones	-	-	-
027	027001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.25
027	027002	Natural - Light greyish pink sandy gravel	-	-	-

TR	Context	Brief Description	L (m)	W (m)	D (m)
028	028001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.34
028	028002	Natural - Light greyish pink sandy gravel	-	-	-
028	028003	Cut of small pit. Uneven base with sloping sides. South side is steeper than the North.	0.52	0.5	0.1
028	028004	Fill of pit [028003] Almost black soil with med-large stones. Large sized stone lays in the middle of the pit. Contains pieces of charcoal.	0.52	0.5	0.1
028A	028A001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones			0.34
028A	028A002	Natural - Light greyish pink sandy gravel			
029	029001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.42
029	029002	Natural - Light greyish pink sandy gravel	-	-	-
030	030001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.39
030	030002	Natural - Light greyish pink sandy gravel	-	-	-
031	031001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.44
031	031002	Natural - Light greyish pink sandy gravel	-	-	-
032	032001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.29
032	032002	Natural - Light greyish pink sandy gravel	-	-	-
032	032003	Subsoil - light pinkish yellow sandy silt	-	-	0.13
033	033001	Topsoil - Mid greyish brown sandy silt with rare small stones	-	-	0.39
033	033002	Natural - Mid orange sand to light pinkish grey sandy gravel. Very stoney	-	-	-
034	034001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.4
034	034002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-
035	035001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.37
035	035002	Natural - light greyish pink silty sand with gravel patches and frequent medium - large stones. Orangey flecks throughout	-	-	-
036	036001	Topsoil - Mid pinkish brown sandy silt with rare small-medium stones	-	-	0.37
036	036002	Natural - Light greyish pink sandy gravel	-	-	-

1.3 Photographic Register

Photo #	Direction Facing	Description
0001	N	Tree & fence line
0002	N	Tree & fence line
0003	N	Tree & fence line
0004	W	Tree to be felled
0005	W	Tree to be felled
0006	W	Tree to be felled
0007	NE	Tree to be felled
0008	NE	Tree to be felled
0009	NE	Tree to be felled
0010	NE	Tree to be felled
0011	E	Tree to be felled
0012	E	Tree to be felled
0013	E	Tree to be felled
0014	N	Fence line at access
0015	NW	Tree & fence line
0016	NW	Tree & fence line
0017	NW	Tree & fence line
0018	N	Tree & fence line
0019	N	Tree & fence line
0020	W	Fence line at access
0021	W	Fence line at access
0022	NW	Fence line at access
0023	NE	Fence line at access
0024	E	Fence line at access
0025	N	Fence line at access
0026	N	Fence line at access
0027	N	Fence line at access
0028	N	Tree to be felled
0029	NW	Tree to be felled
0030	NW	Tree to be felled
0031	E	Tree to be felled
0032	E	Tree to be felled
0033	E	Tree to be felled
0034	E	Tree to be felled
0035	S	Tree to be felled
0036	SE	Tree to be felled
0037	E	Test shot TR003
0038	W	Test shot TR003
0039	S	TR003 Topsoil N facing section 003001 & 003002

Photo #	Direction Facing	Description
0040	W	TR003 Gen shot
0041	E	TR003 Gen shot
0042	SW	TR001 Gen shot
0043	SW	TR001 Gen shot
0044	E	TR001 Topsoil W facing section 001001 & 001002
0045	NE	TR001 Gen shot
0046	NE	TR001 Mid area
0047	W	TR002 Gen shot
0048	N	TR002 S facing section topsoil 002001 & 002002
0049	E	TR002 Gen shot
0050	N	TR012 Gen shot
0051	N	Working shot
0052	SE	Working shot
0053	SE	Working shot
0054	N	Working shot
0055	NE	Working shot
0056	NE	Working shot
0057	NE	Working shot
0058	S	TR012 Gen shot
0059	E	TR012 W facing section topsoils 012001 & 012002
0060	E	TR012 W facing section topsoils 012001 & 012002
0061	N	TR004 S facing section topsoils 004001 & 004002
0062	N	TR004 S facing section topsoils 004001 & 004002
0063	SW	TR004 Gen shot
0064	NE	TR004 Gen shot
0065	W	E facing section of 014003, 014004, 014005
0066	W	Gen shot 014003
0067	W	Gen shot 014003
0068	E	Gen shot 014003
0069	W	E facing section of 014003, 014004, 014005
0070	W	E facing section of 014003, 014004, 014005
0071	W	E facing section of 014003, 014004, 014005
0072	SW	NE facing section 005006
0073	SW	Gen shot 005006- fracture now void

Photo #	Direction Facing	Description
0074	SW	Location shot 005004 & 005006
0075	SW	NE facing section 005004- feature now void
0076	W	Gen shot 005004- feature now void
0077	E	Gen shot against section
0078	N	Location gen shot 005004, 005006- features now void
0079	S	TR005 Gen shot
0080	S	Gen shot taken from mid
0081	NW	Tree bole 005003
0082	NW	Tree bole 005003
0083	NW	Tree bole 005003
0084	N	Tree bole 005003
0085	N	TR005 Gen shot
0086	E	TR005 Topsoil section
0087	E	TR005 Topsoil section
0088	W	E facing section of 014003
0089	W	Gen shot 014003
0090	NW	TR005 Gen shot
0091	NW	TR005 Gen shot
0092	SE	TR005 Gen shot
0093	SE	TR005 Gen shot
0094	NE	TR005 Gen shot
0095	N	TR006 Gen shot
0096	N	TR006 Gen shot
0097	SW	TR006 Gen shot
0098	SW	TR006 Gen shot
0099	-	VOID
0100	SW	TR006 Gen shot
0101	N	TR006-Section
0102	SE	Pit [026003] in TR26A
0103	SE	Pit [026003] in TR26A
0104	SE	Pit [026003] in TR26A
0105	NE	Posthole [026005] in TR26A
0106	SE	Posthole [026005] in TR26A
0107	NE	Pit [026003] & Posthole [026005] in T26A
0108	NW	TR26A Gen shot
0109	NE	TR26B Gen shot
0110	W	E facing section of gully [009003]
0111	NE	TR009
0112	SE	NW facing section of drain (active) [007004]
0113	NE	Oblique of drain [007004]

Photo #	Direction Facing	Description
0114	SE	NW facing section of drain [007004] truncated
0115	NE	TR007
0116	N	TR008
0117	NW	TR035
0118	NE	Gen shot of flooding on site
0119	SW	Gen shot of pit [028003]
0120	SW	Gen shot of pit [028003]
0121	SW	TR028 Gen shot
0122	SW	Gen shot of pit [028003]
0123	NW	TR028A Gen shot
0124	N	TR029 Gen shot
0125	SW	TR029 N facing section
0126	NW	TR036 Gen shot
0127	N	TR027 Gen shot
0128	N	TR027 Gen shot
0129	E	TR021 Gen shot
0130	E	TR021 Gen shot
0131	N	TR022 Gen shot
0132	SW	TR023 Gen shot
0133	SW	TR023 Gen shot
0134	S	TR023 N facing section
0135	S	TR024 Gen shot
0136	N	TR016 Gen shot (next to TR019)
0137	N	TR010 Gen shot (next to TR011)
0138	N	TR010 Gen shot (next to TR011)
0139	SW	TR011 Gen shot
0140	SW	TR011 Gen shot
0141	N	TR033 Gen shot
0142	W	TR033 E facing section
0143	N	TR014 Gen shot
0144	N	TR014 Gen shot
0145	N	TR014A Gen shot
0146	NW	TR013 Gen shot
0147	NW	TR013 Gen shot
0148	NW	Gen shot of area - Top
0149	N	Gen shot of area - Bottom
0150	N	Gen shot of area - Bottom
0151	SE	Gen shot of area - Top
0152	W	TR025 Gen shot
0153	NW	TR029 Gen shot
0154	S	TR029 N facing section
0155	NW	TR030 Gen shot

Photo #	Direction Facing	Description
0156	W	TR030 Gen shot
0157	NW	TR031 Gen shot
0158	NE	TR032 Gen shot
0159	NE	TR018 Gen shot
0160	N	TR017 Gen shot
0161	SE	TR017 NW facing section
0162	SE	TR017 NW facing section
0163	E	TR019 Gen shot
0164	NW	TR015 Gen shot
0165	W	Gen shot of area
0166	N	Gen shot of area
0167	NE	Gen shot of area
0168	N	Gen shot of area
0169	NW	Gen shot of area
0170	SE	Gen shot of area

1.4 Sample Register

Sample #	Context #	Volume (ltr)	% of Context	Quantity	Description
001	014004	35	50	4	Fill of pit, TR14
002	028004	7	50	1	Fill of pit, TR28, Charcoal
003	026006	5	50	1	Fill of Post-hole [026005]

Appendix 2 – Discovery and Excavation in Scotland entry

LOCAL AUTHORITY: Stirling Council

PROJECT TITLE/SITE NAME: Carron Reservoir, Cambusbarron, Stirling

PROJECT CODE: CCRS18

PARISH: St. Ninians

NAME OF CONTRIBUTOR: Aisling Fitzpatrick

NAME OF ORGANISATION: Headland Archaeology Ltd

TYPE(S) OF PROJECT: Metal detector survey and archaeological trial trenching

NMRS NO(S): BTL4

SITE/MONUMENT TYPE(S): Battlefield

SIGNIFICANT FINDS: Prehistoric Pottery

NGR (2 letters, 8 or 10 figures) NS 78150 91961

START DATE (this season): 06/11/2018

END DATE (this season): 03/12/2018

PREVIOUS WORK (incl. DES ref.) N/A

MAIN (NARRATIVE) DESCRIPTION: Headland Archaeology (UK) Ltd. undertook a metal detecting survey and subsequent programme of archaeological evaluation trenching at the proposed development site of Carron Reservoir, Cambusbarron in November and December of 2018. The metal detecting survey revealed no evidence of the Battle of Bannockburn. This was further confirmed by a lack of evidence of the battle in 36 trial trenches excavated, however, some scattered evidence for prehistoric domestic activity was recovered.

PROPOSED FUTURE WORK: Not Known

CAPTION(S) FOR ILLUSTRS: N/A

SPONSOR OR FUNDING BODY: Hallam Land Management Ltd and CEG Land Promotions Ltd

ADDRESS OF MAIN CONTRIBUTOR: 13 Jane Street, Edinburgh, EH6 5HE

EMAIL ADDRESS: Aisling.Fitzpatrick@headlandarchaeology.com

ARCHIVE LOCATION (intended): NRHE

Appendix 3.1 Trial trenching finds catalogue

Tr	Context	Qty	Wgt (g)	Material	Object	Description	Spot date
7	7005	2	838	CBM	brick	stock-moulded, one with darker fabric measuring w 102mm x H 61mm, one with lighter fabric has only one corner surviving	PM-Mod
7	7005	1	235	CBM	pantile		PM-Mod

Appendix 3.2 Metal detector survey finds catalogue

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
1	1	5	Iron	object	unidentified & misc	L-shaped		277991.362	692190.177	41.474
2	1	30	Metal	strip	unidentified & misc	rectangular with series of holes		277986.802	692184.701	41.730
3	1	74	Metal	pipe	unidentified & misc	thin sheet of metal wrapped into pipe		277984.455	692182.241	41.885
4	1	55	Iron	object	unidentified & misc	curved bar		277996.360	692178.733	41.716
5	1	39	Iron	collar	unidentified & misc			277995.155	692176.313	41.797
6	1	88	Iron	plate	unidentified & misc	broken plate with flat rectangular bar attached		277994.758	692173.148	41.822
7	1	23	Copper Alloy	fitting ?	unidentified & misc	tube with three bands on exterior, one side has interior threading, the other is broken off		278010.568	692175.945	41.617
8	1	25	Metal	knife	household utensils & furniture	handle only, composite - plastic?		278003.512	692185.857	41.451
9	1	90	Iron	plate	unidentified & misc	triangular-shaped		278003.387	692186.452	41.173
10	1	69	Lead	object	unidentified & misc	thick sheet folded over itself		278003.735	692163.094	42.212
11	1	2	Copper Alloy	button	dress accessories &	central engraving reads '3/D' surrounded by a	1800+?	277989.459	692167.555	42.402

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
					personal items	Greek key pattern, alpha-type shank, diam 23mm				
12	1	159	Iron	padlock	land management & boundaries	'DEFIANCE' engraved on exterior, complete	20th+	277983.918	692180.137	41.953
13	1	99	Iron	bolt	fasteners & fittings			277987.541	692163.492	42.688
14	1	218	Iron	blade ?	tools	triangular profile		277983.561	692161.280	43.007
15	1	213	Iron	object	unidentified & misc	cylindrical, slot through one side		277981.956	692156.049	43.417
17	1	167	Iron	tube/collar	machinery	possibly for tool or machinery		277982.654	692155.286	43.404
18	1	8	Iron	staple	fasteners & fittings			277982.728	692154.986	43.409
19	1	671	Iron	bracket	unidentified & misc	square U-shaped		277980.018	692151.772	43.839
20	1	12	Iron	nail	fasteners & fittings			277998.289	692153.851	42.811
21	1	20	Copper Alloy	plate	unidentified & misc	rectangular plate with six rivet holes		277995.327	692147.651	43.247
22	1	4	Copper Alloy	coin	coins	George VI halfpenny? Very worn	1936-52	277973.201	692163.249	43.353
23	1	59	Iron	nail	fasteners & fittings			277969.447	692159.877	43.818
24	1	18	Metal	plug	household utensils & furniture	metal plug with loop on top, lightweight	Mod	277978.372	692148.311	44.188
25	1	4	Iron	wire	land management & boundaries			277988.822	692136.391	44.230
26	1	112	Iron	object	unidentified & misc	possible bar, too corroded		277976.421	692142.620	44.625
27	1	3	Iron	wire	land management & boundaries	fence wire		277976.623	692141.862	44.639
28	1	39	Lead	collar ?	unidentified & misc	thick sheet flattened over itself		277975.266	692140.418	44.798
29	1	65	Iron	nut	fasteners & fittings			277974.365	692139.319	44.909

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
30	1	230	Iron	object	machinery	T-shaped, possible machinery part		277971.696	692132.821	45.318
31	1	6	Metal	plate	unidentified & misc	thin plate with one rounded end and one end broken, hole at the rounded end		277971.128	692130.496	45.456
32	1	2	Metal	tag	agricultural	animal feed tag, plain		277961.104	692144.262	45.290
33	1	5	Copper Alloy	coin	coins	George V halfpenny	1912?	277959.384	692139.605	45.641
34	1	8	Copper Alloy	coin	coins	George VI penny	1946	277955.592	692133.168	46.327
35	1	15	Metal	collar	unidentified & misc	possibly for tool, some wood remains were present (discarded)		277954.782	692130.315	46.597
36	1	46	Lead	waste	unidentified & misc	flat lump		277963.204	692119.525	46.910
37	1	6	Copper Alloy	coin	coins	Elizabeth II threepence, very worn	1954-1970	277978.751	692119.607	45.744
38	1	179	Iron	collar	unidentified & misc			277978.656	692118.663	45.791
39	1	79	Iron	ring	agricultural			277971.809	692105.759	47.364
40	1	11	Copper Alloy	buckle	dress accessories & personal items	plain, D-shaped		277959.819	692113.546	47.943
41	1	27	Iron	wire	land management & boundaries	thick		277958.233	692110.231	48.544
42	1	17	Iron	wire	land management & boundaries	thick		277955.969	692105.046	49.544
43	1	12	Iron	wire	land management & boundaries	thin, two pieces looped together		277954.421	692100.879	50.223
44	1	21	Iron	tag?	agricultural	curved triangular-shaped object with possible plastic		277954.037	692099.541	50.440

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
						coating on the outside?				
45	1	11	Copper Alloy	collar?	unidentified & misc	thin sheet of copper alloy shaped in a tube - possible collar for tool		277953.017	692099.822	50.541
46	1	7	Copper Alloy	mount?	unidentified & misc	circular with central hole and beaded edge		277961.619	692092.627	50.184
47	1	2	Iron	screw	fasteners & fittings		Mod	277954.849	692080.368	52.772
48	1	49	Copper Alloy	tube	unidentified & misc	cylindrical with four threaded holes down one side		277947.447	692088.697	52.335
49	1	14	Iron	screw	fasteners & fittings			277947.460	692087.367	52.490
50	1	360	Iron	plate	unidentified & misc	curved		277947.733	692086.905	52.514
51	1	5	Copper Alloy	coin	coins	Elizabeth II half penny	1967	277947.042	692086.709	52.620
52	1	182	Iron	plate	unidentified & misc	curved		277931.788	692088.875	54.101
53	1	2	Metal	mount/fitting	fasteners & fittings	T-shaped object, broken, function unknown but appears to have been attached to something		277921.633	692077.604	56.925
54	1	62	Copper Alloy	plate	unidentified & misc	rectangular plate with one edge bent at 90 degree angle, slot in folded area - possible latch plate for door or drawer?		277921.497	692068.818	58.228
55	1	17	Plastic & Metal	electrical wiring	building fittings	knotted in a ball		277917.575	692066.409	58.960
56	1	24	Metal	strip	unidentified & misc	edges folded over themselves		277921.445	692061.798	59.295

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
57	1	27	Iron	wire	land management & boundaries	thick		277914.867	692062.031	59.763
58	1	194	Iron	plate	unidentified & misc	possibly folded over itself		277944.093	692082.846	53.521
59	1	22	Iron	object	unidentified & misc	amorphous lump		277944.002	692081.721	53.728
60	1	1	Iron	wire	land management & boundaries	thick		277946.510	692065.959	56.291
61	1	31	Iron	wire	land management & boundaries	thick		277939.135	692074.223	55.765
62	1	20	Metal	pipe	unidentified & misc	thin sheet of metal wrapped into pipe		277935.876	692072.080	56.453
63	1	40	Iron	handle?	building fittings	possible door handle		277935.680	692070.024	56.827
64	1	31	Iron	staple	fasteners & fittings			277929.910	692056.637	58.904
65	1	6	Lead	weight?	household utensils & furniture	flat with a slight ridge, diam 18mm, 0.2 oz		277937.771	692054.608	58.229
66	1	713	Iron	object	machinery	thick plate bent over itself, possible machinery?		277933.627	692047.913	59.012
67	1	203	Copper Alloy	door latch	building fittings	missing handle, otherwise complete		277922.454	692046.818	60.319
68	1	3	Lead	object	unidentified & misc	flat object, function unknown		277920.145	692042.689	60.706
69	1	41	Iron	knife	tools	folding knife, pistol grip handle		277902.944	692043.826	62.483
70	1	5	Metal	tube container	household utensils & furniture	collar with threading and thin scraps of metal, possible tube for toothpaste or other paste product		277895.219	692028.420	63.611
71	1	6	Copper Alloy	coin	coins	Elizabeth II halfpenny, very worn	1954-1970	277888.049	692014.210	65.407

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
72	1	9	Iron	wire	land management & boundaries	thick		277886.933	692014.068	65.502
73	1	125	Iron	pin	agricultural	large pin with looped end		277916.146	692037.461	61.250
74	1	20	Metal	plaque	unidentified & misc	small decorative plaque, L 32mm x W 27mm, possible lead content		277916.536	692037.327	61.179
75	1	15	Iron	wire	land management & boundaries	thick		277926.147	692029.982	60.804
76	1	6	Copper Alloy	plate	unidentified & misc	rectangular plate with two holes on either side to affix		277910.375	692025.076	62.542
77	1	19	Iron	nail	fasteners & fittings			277908.078	692021.939	63.086
78	1	2	Copper Alloy	button	dress accessories & personal items	bottom half only, sanders construction, diam 22mm	1802+	277901.198	692013.923	64.610
79	1	266	Iron	object	unidentified & misc	triangular		277922.718	692023.212	61.608
80	1	7	Copper Alloy	coin	coins	Elizabeth II 10 pence	2010	277922.215	692022.213	61.797
81	1	6	Copper Alloy	coin	coins	Elizabeth II twopence (new pence)	1979	277892.743	691998.904	66.331
82	1	12	Iron	wire	land management & boundaries	fence wire, thick		277881.565	692001.272	66.811
83	1	38	Lead	waste	unidentified & misc	flattened lump		278019.126	692158.161	42.044
84	1	30	Iron	object	agricultural	curved, possible ring?		278028.044	692151.888	42.162
85	1	32	Iron	wire	land management & boundaries	thick		278024.006	692145.372	42.602
86	1	11	Iron	nail	fasteners & fittings			278021.994	692142.327	42.811
87	1	24	Lead	waste	unidentified & misc	flattened lump		278034.544	692138.711	42.605

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
88	1	2	Copper Alloy	buckle?	dress accessories & personal items	possible corner fragment of plain square/rectangular buckle		278017.077	692136.276	43.259
89	1	74	Iron	bolt	fasteners & fittings			278016.639	692135.557	43.282
90	1	6	Copper Alloy	coin	coins	George VI threepence	1941	278016.193	692134.024	43.409
91	1	61	Iron	object	unidentified & misc	rectangular object		278015.244	692132.231	43.543
92	1	22	Iron	object	unidentified & misc	slight curve, possible hook		278012.241	692128.282	43.840
93	1	158	Copper Alloy	plug	agricultural	circular plug or stopper for large basin or trough		278006.312	692116.692	44.711
94	1	94	Iron	object	unidentified & misc	curved at one end, possible hinge?		278019.253	692110.995	44.525
95	1	3	Copper Alloy	button	dress accessories & personal items	plain, alpha-type shank, diam 23mm	1800+	277995.300	692096.936	46.440
96	1	25	Iron	rod?	unidentified & misc	rectangular profile		278008.177	692095.022	45.768
97	1	39	Iron	washer	fasteners & fittings			277987.934	692084.640	48.008
98	1	111	Iron	plate	unidentified & misc	triangular-shaped, hole in one corner		277981.008	692072.838	50.912
99	1	57	Iron	knife	tools	handle, possibly a folding knife as the handle is thicker than expected, no obvious sign of a blade		277995.879	692076.553	48.345
100	1	71	Plastic & Metal	electrical socket	building fittings	four fragments of plastic electrical socket	20th+	277991.673	692070.502	49.830
101	1	23	Copper Alloy	plate	unidentified & misc	rectangular plate with curved piece mounted on it		277989.028	692110.550	45.795
102	1	5	Copper Alloy	coin	coins	Elizabeth II one shilling	1956	277983.084	692104.122	46.550

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
103	1	9	Iron	wire	land management & boundaries	thick		277975.303	692096.522	47.824
104	1	24	Copper Alloy	lighter	dress accessories & personal items	nearly complete, 'HADSON' brand	20th	277972.853	692060.116	54.166
105	1	5	Iron	zip pull	dress accessories & personal items		20th+	277959.617	692045.280	56.674
106	1	38	Iron	wire	land management & boundaries	thick		277957.141	692039.980	57.429
107	1	15	Lead	hem weight	dress accessories & personal items	two central holes in sunken dish, diam 26mm, 0.5 oz		277951.138	692033.649	58.670
108	1	20	Lead	waste	unidentified & misc	copper alloy content?		277960.265	692024.167	59.000
109	1	7	Iron	wire	land management & boundaries	thick		277957.578	692020.787	59.903
110	1	10	Iron	wire	land management & boundaries	two thin pieces twisted together		277938.027	692014.117	62.296
111	1	80	Iron	wire	land management & boundaries	thick		277937.577	692009.698	62.695
112	1	109	Metal	object	unidentified & misc	springs with exterior casing on one side		277932.165	691999.202	64.036
113	1	10	Copper Alloy	gun cartridge	weaponry	base reads 'RG'/'77'/L13AK(?), diam 12mm		277941.322	691993.785	63.931
114	1	24	Lead	weight?	household utensils & furniture	external threading, slightly tapered, possible plug?, diam 15mm, height 14mm, 0.8 oz		277925.135	691989.695	64.989
115	1	4	Copper Alloy	button	dress accessories &	plain, alpha-type shank., diam 24mm	1800+	277925.144	691986.693	65.284

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
					personal items					
116	1	11	Copper Alloy	object	unidentified & misc	small, rounded finial with protruding disc, broken at other end, function unclear		277955.877	692068.704	54.815
117	1	10	Copper Alloy	gun cartridge	weaponry	base reads 'RG' rest of engraving illegible, diam 12mm, possibly same as SF113		277935.340	691985.387	64.724
118	1	16	Iron	wire	land management & boundaries	thick		277921.493	691981.014	65.856
119	1	23	Lead	weight?	household utensils & furniture	slightly tapered with side ridges, possible plug?, diam 16mm, height 12mm, 0.8 oz		277920.797	691979.764	66.027
120	1	26	Iron	wire	land management & boundaries	thick		277913.212	691995.087	65.262
121	1	48	Iron	nail	fasteners & fittings			277955.231	691973.858	64.260
122	1	9	Lead	object	unidentified & misc	triangular, broken		277957.232	691979.114	63.577
123	1	23	Iron	wire	land management & boundaries	thick		277960.067	691981.290	63.130
124	1	555	Iron	object	unidentified & misc	curved		277964.089	691986.032	62.122
125	1	6	Copper Alloy	tube	unidentified & misc	flat piece tapering into a tube-like object		277970.270	691981.493	62.014
126	1	91	Copper Alloy	pipe	building fittings	flattened		277972.986	692002.147	59.570
127	1	87	Iron	hook?	land management & boundaries			277978.888	692010.242	57.590

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
128	1	17	Lead	weight?	household utensils & furniture	slightly tapered with side ridges, possible plug?, diam 15mm, height 10mm, 0.6 oz		277975.135	691987.559	60.873
129	1	0	Metal	tag	agricultural	very small circular tag with hole, possibly for animals		277947.699	691982.990	64.023
130	1	14	Lead	weight?	household utensils & furniture	slightly tapered with side ridges, possible plug?, diam 16mm, height 5mm, 0.5 oz		277948.497	691983.789	63.941
131	1	63	Iron	knife	tools	folding knife, complete, pistol grip handle		277992.592	692029.749	53.743
132	1	198	Iron	plate	unidentified & misc	rectangular, one nail still attached		277996.649	692018.955	53.642
133	1	11	Metal	handle?	household utensils & furniture	very lightweight, possible part of a knife handle?		278000.490	692037.604	52.668
134	1	112	Lead	tube	unidentified & misc	thick walls with central hole, cylindrical		277961.894	692006.727	60.861
135	1	3	Copper Alloy	button	dress accessories & personal items	plain, alpha-type shank (shank missing), diam 24mm	1800+	277992.589	692051.670	52.523
136	1	397	Iron	pin	building fittings	L-shaped		278026.996	692061.613	47.231
137	1	6	Metal	tag	agricultural	animal feed tag, too worn to make out engraving		278032.136	692068.592	46.591
138	1	188	Iron	object	unidentified & misc	triangular and dense, function unclear		278023.748	692076.572	46.433
139	1	27	Iron	wire	land management & boundaries	fence wire, thick		278022.550	692074.464	46.603
140	1	75	Lead	waste	unidentified & misc	flattened lump		278039.303	692079.551	45.521

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
141	1	6	Copper Alloy	lamp collar	household utensils & furniture	collar for a gas/oil lamp, perforated holes underneath rim	Mod	278009.482	692080.554	46.860
142	1	24	Iron	nail?	fasteners & fittings			278032.030	692089.169	45.160
143	1	16	Iron	nail	fasteners & fittings			278027.011	692105.258	44.511
144	1	32	Lead	waste	unidentified & misc	amorphous lump		278053.186	692102.165	43.806
145	1	54	Iron	wire	land management & boundaries	thick		278036.717	692102.866	44.235
146	1	88	Iron	object	unidentified & misc	amorphous lump		278036.564	692102.800	44.249
147	1	235	Iron	object	fasteners & fittings	possible bolt?		278043.060	692114.414	43.510
148	1	4	Copper Alloy	button	dress accessories & personal items	plain, alpha-type shank, 20mm	1800+	278053.625	692130.178	42.659
149	1	2	Iron	fence staple	land management & boundaries	very small		278058.802	692139.585	42.283
150	1	71	Iron	dome	unidentified & misc	dome or cap, possibly for machinery?		278044.790	692140.493	42.392
151	1	15	Lead	waste?	unidentified & misc	amorphous flat piece		278045.916	692142.534	42.306
152	1	19	Iron	tube?	unidentified & misc			278062.620	692144.581	42.198
153	1	100	Metal	weight?	household utensils & furniture	rounded end which tapers, possible lead content		278053.033	692150.382	42.364
155	1	7	Iron	object	unidentified & misc	amorphous lump		278085.816	692134.658	41.926
156	1	29	Metal	object	household utensils & furniture	moulded triangular piece with two cogs, possibly a mount for a clock? Printed 'MADE IN		278095.146	692129.438	42.091

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
						ENGLAND' on other side				
157	1	14	Copper Alloy	object	unidentified & misc	oval-shaped object with possible puncture hole on one side, bevelled edges, L 31mm x W 23mm		278076.550	692115.968	42.496
158	2	46	Copper Alloy	fixings	unidentified & misc	rectangular with slots in the centre with holes on either side for fastening		278102.095	692117.253	42.197
159	1	43	Iron	nut	fasteners & fittings			278093.336	692127.246	42.233
160	1	107	Iron	machinery?	machinery	paddle-shaped		278093.034	692126.003	42.117
161	1	50	Metal	box	household utensils & furniture	embossed lines, one side missing		278093.010	692124.833	42.105
162	1	11	Iron	wire	land management & boundaries	thick		278087.702	692115.878	42.314
163	1	225	Iron	nut	fasteners & fittings			278066.701	692102.221	43.438
164	1	13	Metal	handle	household utensils & furniture	possible cutlery or drawer handle		278081.122	692085.968	43.929
165	1	3	Copper Alloy	button	dress accessories & personal items	plain on exterior, interior is stamped 'FILE? GILT/STANDARD COLOUR' with fleur-de-lys, shank distorted, diam 20mm	19th+	278069.296	692071.297	44.965
166	1	68	Iron	object	unidentified & misc	part of a joint?		278064.347	692081.006	44.695
167	1	4	Iron	wire	land management & boundaries	thick		278056.044	692068.261	45.509
168	1	8	Copper Alloy	coin	coins	very worn, possible penny or		278042.816	692067.758	46.019

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
						halfpenny, diam 26mm				
169	1	3	Copper Alloy	buckle	dress accessories & personal items	plain rectangular shape, drilled frame, pin missing, L 44mm x W 24mm	17th-19th	278058.339	692055.498	46.016
170	1	428	Iron	object	unidentified & misc	plate folded over itself		278092.698	692086.922	43.297
171	1	6	Copper Alloy	buckle	dress accessories & personal items	plain rectangular-shaped single loop buckle, pin missing, slightly distorted, L34mm x W23mm	14th+	278091.824	692044.865	45.041
172	1	91	Lead	sheet	unidentified & misc	think sheet foded over itself		278090.402	692041.775	45.195
173	1	104	Iron	swivel ring	agricultural			278055.365	692032.010	48.139
174	1	36	Iron	nut	fasteners & fittings			278042.823	692040.816	48.262
175	1	66	Iron	nut	fasteners & fittings			278040.492	692038.497	48.651
176	1	0	Iron	wire	land management & boundaries			278040.272	692035.816	48.985
177	1	3	Copper Alloy	coin	coins	very worn, possible penny but very thin, diam 24mm	Mod?	278035.309	692042.531	48.425
178	1	164	Iron	object	unidentified & misc	long rod-like object with trapezoidal profile		278034.474	692042.076	48.485
179	1	11	Iron	plate	unidentified & misc	flat piece with one rounded edge, broken		278037.664	692034.575	49.254
180	1	236	Iron	bolt	fasteners & fittings	two nuts attached to either side		278031.100	692037.556	49.197
181	1	1	Metal	sheet	unidentified & misc	thin folded sheet of metal, possibly tin		278029.687	692038.057	49.235
182	1	3	Metal	sheet	unidentified & misc	thin folded sheet of metal, possibly tin		278027.950	692036.115	49.661
183	1	12	Iron	wire	land management & boundaries	fence wire		278027.321	692034.733	49.809

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
184	1	0	Metal	tag	agricultural	very small circular tag, punctured at top for hanging, engraved '15' on one side and 'FZ' on the other, diam 12mm		278026.897	692034.868	49.786
185	1	4	Iron	fence wire	land management & boundaries	thick		278028.405	692032.737	49.899
187	1	82	Iron	railing finial	land management & boundaries	leaf-shaped final from top of iron railing		278033.991	692028.555	50.089
188	1	37	Iron	plate	unidentified & misc	flat piece with rounded edge		278032.444	692027.564	50.308
189	1	31	Iron	hook	land management & boundaries	broken		278032.730	692025.387	50.483
190	1	5	Lead	strip	unidentified & misc	rectangular		278023.396	692023.959	51.158
191	1	80	Iron	plate	unidentified & misc	rectangular, broken		278039.160	692006.604	52.442
192	1	19	Iron	object	unidentified & misc	bar-like object with rectangular profile		278043.837	691973.297	54.983
193	1	186	Iron	plate	unidentified & misc	rectangular		278037.960	691967.467	57.046
194	1	8	Iron	fixing ?	machinery	small machinery part		278017.574	692017.838	52.163
195	1	3	Copper Alloy	spoon	household utensils & furniture	very small bowl with possible twisted tang, flared tang at bowl, possibly used for mustard or salt	18th/19th	278002.073	691994.559	57.045
196	1	97	Iron	object	unidentified & misc	long bar-like object with rectangular profile		277996.056	691987.398	58.876
197	1	23	Iron	fence wire	land management & boundaries	thick		277995.804	691985.984	59.065
198	1	38	Copper Alloy	mount	unidentified & misc	circular domed mount with two concentric circles,		277985.841	691970.425	62.142

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
						slots for mount underneath				
199	1	135	Iron	bracket?	building fittings	looped bracket with two flattened plates on both terminals, plates come together		278021.806	691938.521	62.672
200	1	26	Iron	rod?	unidentified & misc	round profile, covered in corrosion products, possibly a bolt/screw but no evidence of threads		278071.593	691933.372	58.208
201	1	4	Iron	nail	fasteners & fittings			278075.121	691940.528	56.809
202	1	17	Metal	spoon handle?	household utensils & furniture	possibly silver-plated, broken on both sides, faint hallmarks? including 'ER' surrounded by a rectangle, 'B' and 'B'		278078.021	691943.339	56.021
203	1	73	Iron	plate	unidentified & misc	rectangular		278102.469	691916.831	55.698
204	1	79	Iron	rod?	unidentified & misc	slight tapering at one end		278102.076	691982.570	48.857
205	1	2	Metal	handle?	household utensils & furniture	possibly part of the end of a cutlery handle		278083.903	691995.747	49.687
206	1	86	Iron	hook	land management & boundaries	broken		278025.890	692018.646	51.667
207	1	204	Iron	rod	unidentified & misc	square profile		278023.192	692016.297	52.143
208	1	198	Iron	machinery?	machinery	L-shaped rod		278019.559	692006.396	53.915
209	1	46	Iron	rod	unidentified & misc	slightly bent on one side		278119.377	692008.460	45.796
210	1	187	Iron	plate	unidentified & misc	triangular-shaped plate with possible hinge on one side		278014.267	692001.025	55.057

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
211	1	34	Iron	can?	household utensils & furniture	fragments		278013.202	691999.676	55.348
212	1	104	Copper Alloy	machine part	machinery	tube-shaped object, two cogs on one side with thin collar surrounding		277999.437	691978.766	59.720
213	1	23	Lead	waste?	unidentified & misc	amorphous lump		278116.519	691938.116	51.446
214	1	63	Lead	waste?	unidentified & misc	amorphous lump		278117.654	691938.046	51.362
215	1	4	Copper Alloy	button	dress accessories & personal items	sanders construction with looped shank, diam 22mm	1802+	278135.746	691966.948	46.668
216	1	0	Metal	object	unidentified & misc	rod-like with slightly rounded profile		278144.247	691978.372	45.836
217	1	8	Copper Alloy	coin	coins	very worn, possible penny, 29mm	Mod?	278149.728	691989.353	45.431
218	1	7	Copper Alloy	bracket/mount?	building fittings	rectangular strip with 90 degree angle on one side, partial hole present		278161.016	692006.514	44.453
219	1	3	Copper Alloy	button	dress accessories & personal items	plain, alpha-type shank, diam 17mm	1800+	278166.648	692016.968	43.432
220	1	77	Iron	castor wheel	household utensils & furniture	complete with rubber/plastic wheel		278174.248	692024.671	42.512
221	1	0	Metal	sheet	unidentified & misc	very thin and lightweight sheet of metal, metal unknown		278182.364	692038.762	41.717
222	1	1	Metal	vessel	household utensils & furniture	rim sherd of vessel, possibly tin		278188.765	692048.271	41.622
223	1	1	Copper Alloy	button	dress accessories & personal items	plain, alpha-type shank, diam 19mm	1800+	278192.347	692051.546	41.673

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
224	1	24	Iron	object	unidentified & misc	plano-convex with tapering end, possible lead content as is very dense		278213.487	692029.596	41.897
225	1	90	Iron	object	unidentified & misc	flat, curved		278221.975	692005.044	41.583
226	1	119	Iron	machinery blade ?	machinery	ends in a point with slightly tapering profile, possible blade for machinery		278244.876	692007.160	41.688
227	1	115	Iron	horse shoe?	agricultural	possible horseshoe corroded together with wires, broken		278250.390	691984.145	42.017
228	1	361	Iron	object	machinery	triangular-shaped, machinery part?		278234.665	691988.092	41.825
229	1	11	Copper Alloy	coin	coins	Elizabeth II 10 pence coin	1969	278190.743	691989.798	43.404
230	1	4	Iron	nail	fasteners & fittings			278188.502	691986.911	43.689
231	1	3	Copper Alloy	button	dress accessories & personal items	plain, alpha-type shank, diam 18mm, possibly tombac	1800+	278183.637	691979.725	44.371
232	1	2	Copper Alloy	button	dress accessories & personal items	plain with curved edges, alpha-type shank (missing), diam 14mm	1800+	278161.382	691946.845	45.946
233	1	9	Lead	object	unidentified & misc	flattened strip of lead bent over itself, function unclear		278154.582	691935.807	47.656
234	1	5	Metal	tag	agricultural	animal feed tag, engraved 'FRANK BAKER & SONS Ltd/BIRMINGHAM/PATENT/no 533818' and 'G/4601' on the opposite side, possibly tin composite?		278140.025	691918.231	51.623

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
235	1	6	Metal	tag	agricultural	animal feed tag, engraved 'FRANK BAKER & SONS Ltd/BIRMINGHAM/PATENT/no 533818' and 'G?/4579' on the opposite side, possibly tin composite?		278135.774	691913.502	52.634
236	1	319	Iron	object	unidentified & misc	rectangular plate with rounded edges, possible bracket		278159.328	691902.923	51.610
237	1	33	Metal	spoon	household utensils & furniture	handle stamped '12', 'MADE IN ENGLAND' and 'CHROMIUM PLATE ON NICKEL SILVER'	Mod	278127.077	691905.968	54.463
238	1	197	Iron	object	machinery	triangular-shaped, machinery part?		278231.172	691890.033	45.965
240	1	5	Copper Alloy	buckle	dress accessories & personal items	plain D-shaped single loop buckle, pin missing, L33mm x W27mm	14th+	278301.686	691976.617	40.992
241	1	189	Iron	pipe	unidentified & misc	broken in half		278288.793	691989.616	41.329
245	1	38	Iron	object	unidentified & misc	square		278293.862	691816.573	49.722
248	1	4	Copper Alloy	button	dress accessories & personal items	embossed '42', otherwise plain in design, for 42nd Royal Highland Regiment of Foot/Black Watch, sanders construction, diam 24mm	1855-71	278143.341	691843.793	58.716
249	1	11	Lead	object	unidentified & misc	plano-convex circular object, function unclear, possible weight?, diam 19mm, 0.39 oz		278139.091	691826.943	59.874

SF	Quantity	Weight (g)	Material	Object	Functional group	Description	Spot Date	X	Y	Z
251	1	134	Lead	object	unidentified & misc	thick sheet bent on itself to create a plano-convex shape, function unclear		278157.445	691806.246	59.663
252	1	17	Lead	waste ?	unidentified & misc	plano-convex		278168.549	691796.519	59.386
254	1	7	Copper Alloy	object	unidentified & misc	possible mount? Rectangular object with hole designed to screw the item onto another		278105.273	691700.807	63.174
255	1	96	Iron	disc	unidentified & misc	covered in corrosion products		278121.013	691705.594	63.461
256	1	3	Iron	nail	fasteners & fittings	complete, round head		278348.176	691853.594	44.111
259	1	117	Iron	object	unidentified & misc	rectangular-shaped sheet		278359.111	691876.559	42.546
260	1	6	Iron	washer?	fasteners & fittings	broken in half		278367.916	691900.086	41.969
261	1	251	Iron	bracket?	unidentified & misc	rectangular, screws still attached		278336.997	691866.359	43.456
262	1	3	Copper Alloy	coin	coins	broken in half, very corroded, possible penny, diam 26mm	Mod?	278061.964	692146.547	43.577
263	1	4	Copper Alloy	coin	coins	very worn, bust facing to the left, possible penny, diam 25mm	Mod?	278060.843	692147.757	42.519

Appendix 4.1 - Environmental Sample Results

Key: + = rare (0–5), ++ = occasional (6–15), +++ = common (15–50) and ++++ = abundant (50)						
ch = charred, w/l = waterlogged, u = uncharred						
NB charcoal over 10mm is sufficient for identification and AMS dating						
Context				14004	28004	26006
Sample				1	2	3
Context type				Pit [14003]	Pit [28003]	Posthole [26005]
Spot date				-	-	PH
Sample Vol (l)			-	40	5	5
Retent Vol (l)			-	7	1	1.2
Flot Vol (ml)			-	100	50	10
Sufficient for AMS?			-	Y	Y	Y
Plant remains						
weed seeds				+	-	-
Chenopodium sp.	Goosefoots		ch	+	+	-
Lathyrus/Vicia	Peas/vetches		ch	+	-	-
Polygonum sp.	Knotweed		ch	+	-	-
Rubus fruticosus	Brambles		ch	+	-	-
Other charred plant remains						
Bud indet.			ch	+	-	-
Hazel nutshell	Qty		ch	-	+	-
	Wgt (g)		ch	-	<0.1	-
Charcoal						
Charcoal	Qty		ch	++++	+++	++
	Max size (mm)		ch	20	20	20
	Oak		ch	++	++	+
	Non-oak		ch	++	+	+

LIST OF ILLUSTRATIONS

ILLUS 1 SITE LOCATION

ILLUS 2 SITE PLAN

ILLUS 3 METAL DETECTING SURVEY POINTS

ILLUS 4 NORTH-EAST FACING SECTION OF PIT [014003]

ILLUS 5 SOUTH-WEST FACING SECTION DRAWING THROUGH POST-HOLE [026A005]

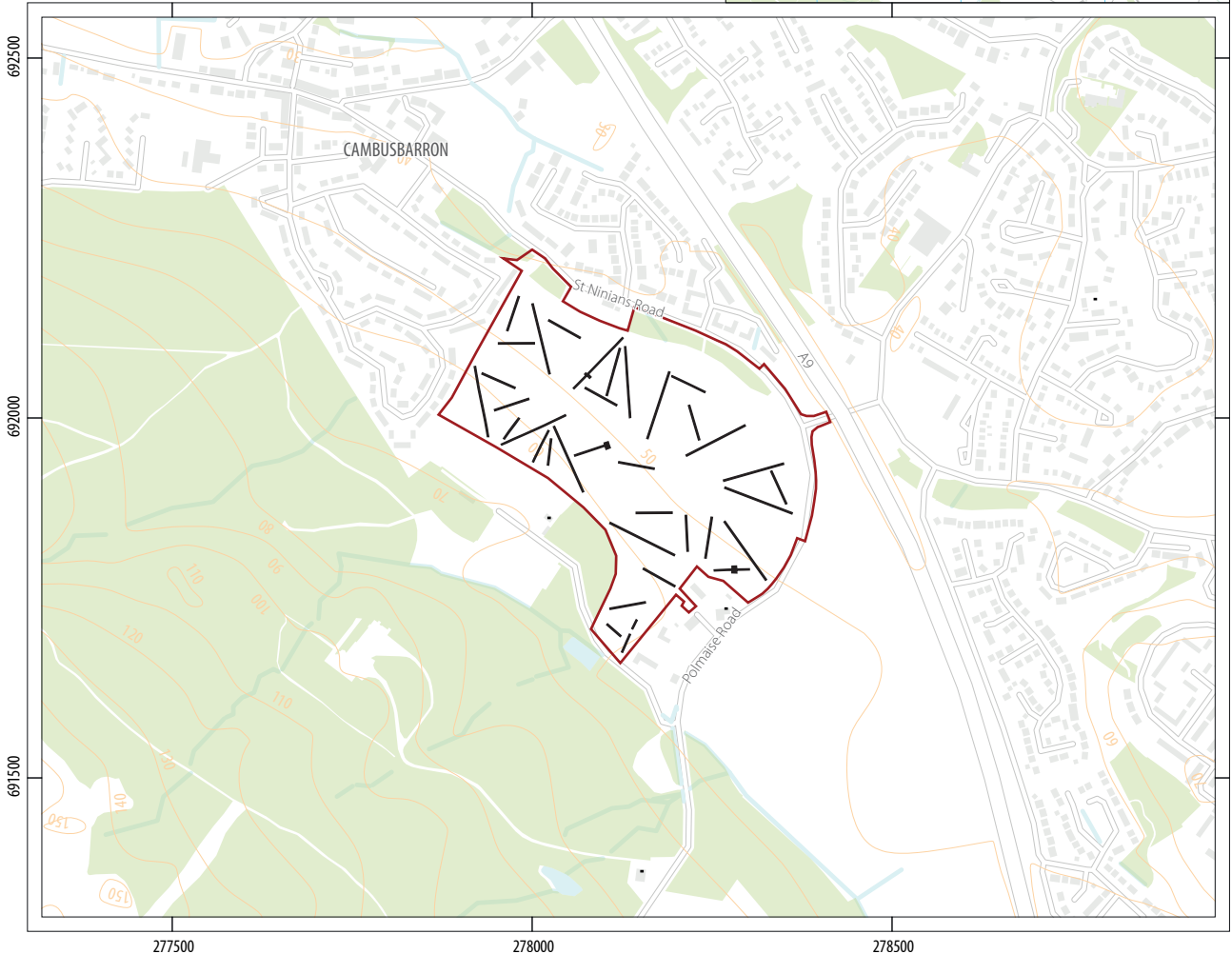
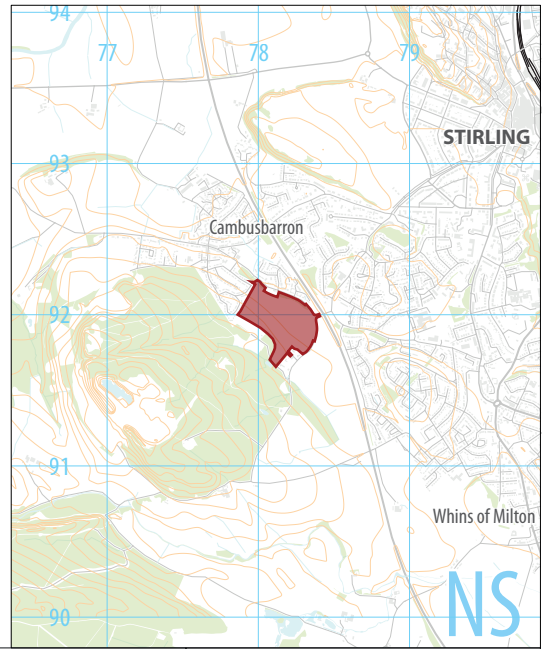
ILLUS 6 SOUTH-WEST FACING SECTION OF POST-HOLE [026A005]

ILLUS 7 VIEW OF PIT [026003] AND POST-HOLE [026005] IN TRENCH 026A

Carron Reservoir
Cambusbarron
Stirling



0 200km
1:12,500,000 @ A4



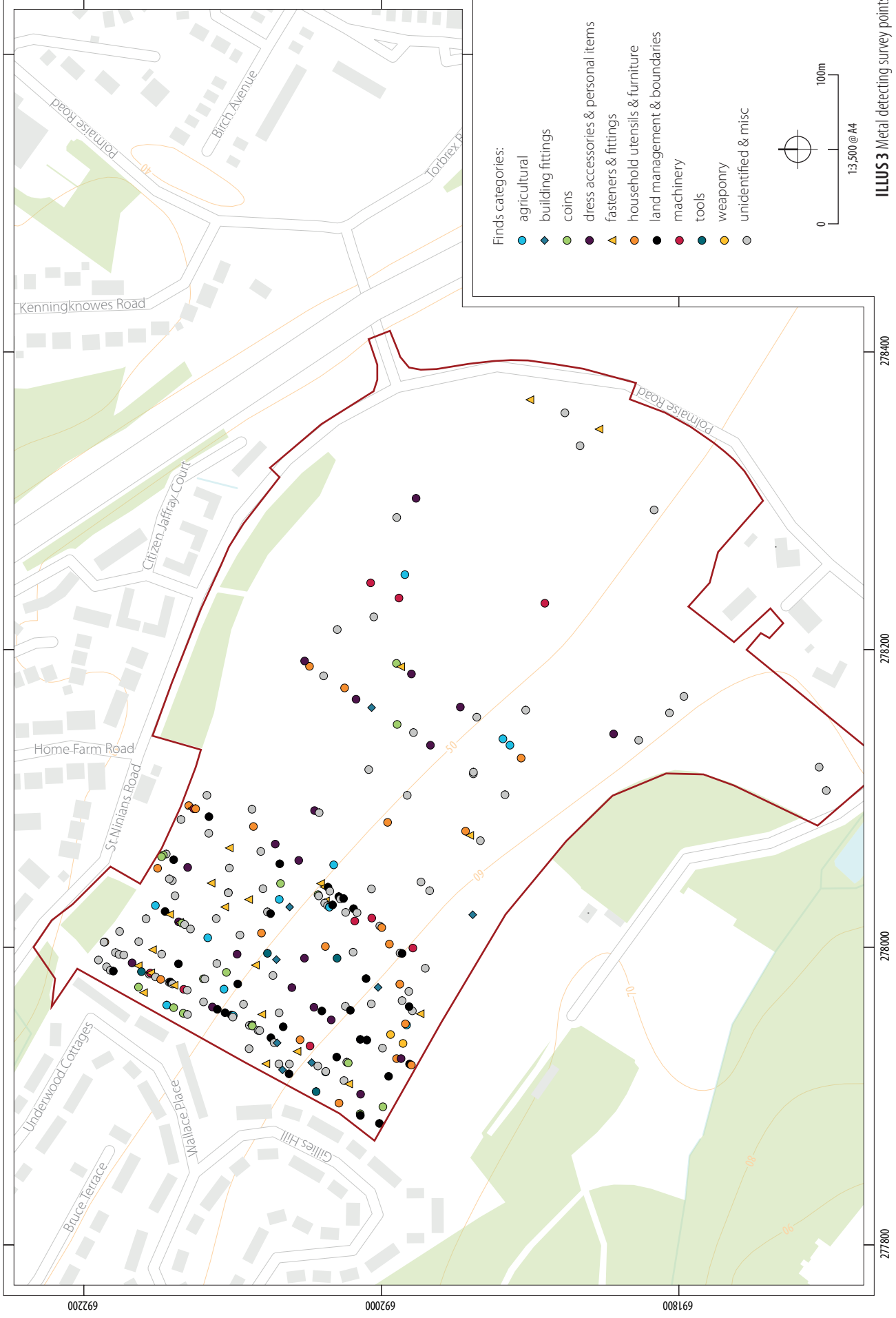
0 200m
1:10,000 @ A4

development boundary
trench location

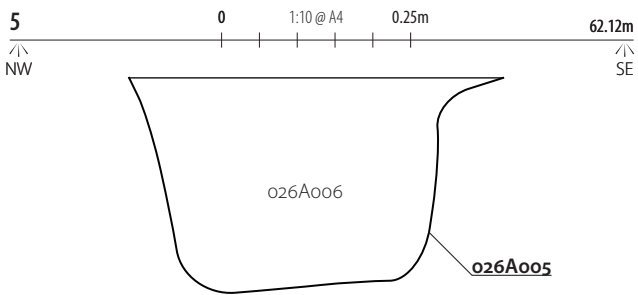
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ILLUS3 Metal detecting survey points



ILLUS 4 North-east facing section of pit [014003] **ILLUS 5** South-west facing section drawing through post-hole [026A005] **ILLUS 6** South-west facing section of post-hole [026A005]



ILLUS 7 View of pit [026003] and post-hole [026005] in Trench 026A