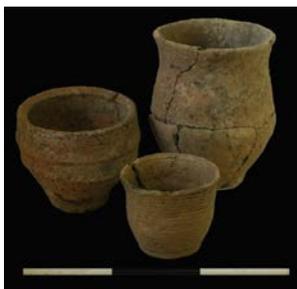


# GUARD ARCHAEOLOGY



**Countesswells, Aberdeen, Phase 1A Boundary 1  
Archaeological Evaluation  
Project 3888**

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## **Countesswells, Aberdeen, Phase 1A Boundary 1 Archaeological Evaluation**

**On behalf of:** Stewart Milne Group

**NGR:** NJ 87472 04755

**Project Number:** 3888

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**Project Manager:** Warren Bailie

**Approved by:**



**Date:**

26/02/2015

*This document has been prepared in accordance  
with GUARD Archaeology Limited standard operating procedures.*

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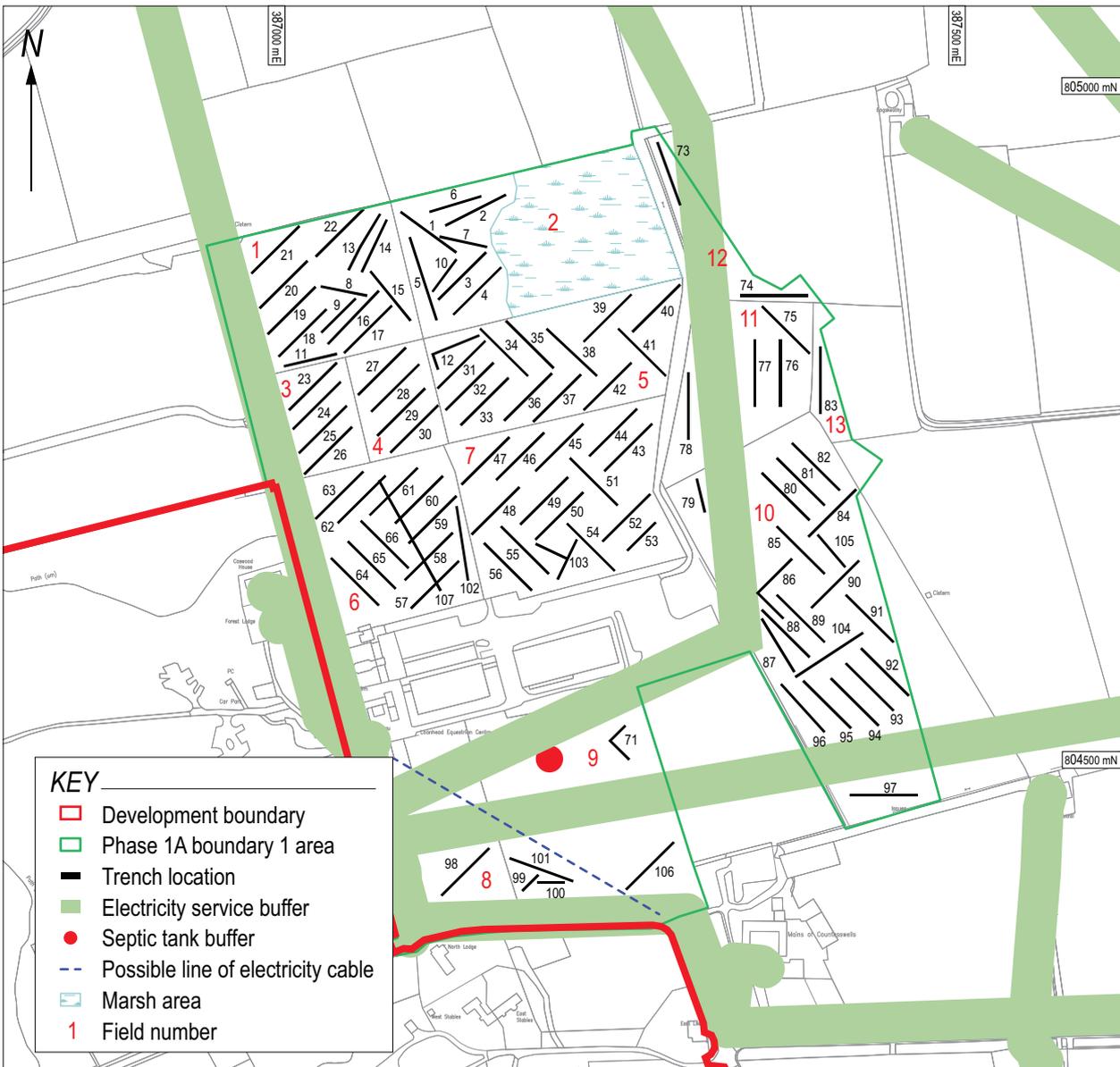
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## Executive Summary

- 1.1 An archaeological evaluation was carried out by GUARD Archaeology Limited, working on behalf of Stewart Milne Group, on an area proposed for development at Countesswells, Aberdeen. The trial trench evaluation sampled 7% (10,062 m<sup>2</sup>) of the total area proposed for development (14,375 ha) which excluded service buffer zones (figure 1). Investigation was spread over 102 trenches with most measuring 50 m in length. The work programme revealed no finds or features of archaeological interest apart from field drainage relating to nineteenth and twentieth century agricultural improvements

## Introduction

- 2.1 This report sets out the results of an archaeological evaluation undertaken by GUARD Archaeology Ltd on behalf of Stewart Milne Group on an area proposed for development at Countesswells, Aberdeen (Figure 1). The work was carried between 11<sup>th</sup> – 18<sup>th</sup> February 2015 to address conditions in relation to Planning references: P140435 & P140438 as stipulated by the archaeological advisor to Aberdeen City Council.

## Site Location, Topography and Geology

- 3.1 The 20.6 ha Phase 1A boundary 1 area is located 7 km west of Aberdeen City Centre (centred NGR: NJ 87472 04755; Figure 1). The development area is currently predominantly farmland covered with scrub grass. The 13 separate fields are divided by dry-stone walls and all fields slope gently to the south. The height varies between 135 m OD in the south, rising to 155 m OD in the north of the development area. The north and east areas of the site (fields 2 and 5) (figure 1) were wet underfoot with standing water and cotton grass vegetation. The site was bounded to the west by a road and Countesswells Woodland, to the south by linear tree belts and borders further agricultural land to the north and east.
- 3.2 The underlying drift geology is Glacial outwash sand and gravel, while the solid geology consists of Aberdeen formation – psammite and semipelite metamorphic bedrock (British Geological Survey Map Viewer <http://mapapps.bgs.ac.uk/geology/obritain/home.html>).

## Archaeological Background

- 4.1 A cultural heritage environmental impact assessment was previously undertaken by GUARD Archaeology Limited of the overall Countesswells development area. The assessment, which included a walkover survey, identified a total of 37 cultural heritage sites within the study area. The whole proposed development area contains 19 sites of cultural heritage interest. A further 6 sites were recorded within 100 m of the development area boundary and another 12 statutory designated sites, comprising Schedule Monuments and B listed and C listed buildings, were recorded within 1 km of the development area boundary.
- 4.2 There is one known prehistoric site, a cairn located to the immediate north of Wardhead Farmhouse. The site comprises of a small mound of stones and boulders measuring 1.22 m high. No specific date has been given to this site and it has to be considered that it may be a clearance cairn. However, it has been noted that a head has been carved into one of the stones and the significance of this has resulted in it being deemed to potentially be prehistoric in date.
- 4.3 The bulk of the cultural heritage sites identified during the assessment relate to the Post-Medieval and Early Modern period.
- 4.4 While no previous archaeological investigations have been recorded within the development area, the impact assessment indicated potential, albeit low, for buried and previously unknown archaeological remains to survive within Area 1A boundary 1 development area.

## Aims and Objectives

5.1 The aim of the archaeological evaluation was to identify:

- as yet unknown archaeological features and deposits within the Phase 1A 1 development area;
- to ensure that any surviving archaeological remains, encountered during the evaluation within the development area, are recorded to an appropriate level.

5.2 The objectives are therefore to:

- Conduct an archaeological evaluation within the Phase 1A boundary 1 development area to establish the presence or absence of any archaeological remains, and their character, date and extent if surviving;
- Submit a report to data structure level for approval to the archaeological adviser to Aberdeen City Council, on completion of the archaeological fieldwork, which includes an outline of the scope of any further excavation works should any significant archaeology be encountered.

5.3 The scope of the archaeological works will establish:

- that if the archaeological evaluation encounters no significant archaeological remains within the Phase 1A boundary 1 development area, no further archaeological fieldwork will be required within that specific area.

## Methodology

6.1 The programme of archaeological works commenced with a photographic record of the ground immediately prior to trenching, which comprised a 7% evaluation of the 14.375 ha undisturbed part of the Phase 1A boundary 1 development area (i.e. excluding service buffer zones). This equated to 10,062 m<sup>2</sup> or 5,031.25 linear metres of trench, each measuring 2 m wide (83 x 50 m trenches and 19 trenches varying between 17 m -94 m; Figure 1).

6.2 All trenches were excavated by two mechanical excavators working concurrently, each utilizing a c 2 m wide flat-bladed (toothless) ditching bucket under the direct supervision of GUARD archaeologists. Each trench was reduced in spits to the first archaeological horizon or to natural subsoil, whichever was encountered first. The depth of stratigraphy apparent in all trenches was recorded.

6.3 Any archaeological features encountered were cleaned by hand by the on-site Archaeologists to determine their character and extent. Where negative-cut features were encountered, a representative sample was 25-50% excavated in order to determine their significance, date and function. All on-site recording, written, drawn and photographic, was to the standards normally pertaining in archaeological fieldwork and to ClfA standards. A full record of excavated features was made using a single context recording system using pro forma sheets, drawings and photographs. All potential archaeological features were photographed and recorded at an appropriate scale. Any plans were drawn at a scale of 1:20. All evaluation trenches were accurately surveyed using a sub-metre GPS and located within the National Grid.

6.4 All archaeological finds were dealt with by the on-site Archaeologists. No finds were retained from these investigations.

6.5 No samples were taken for palaeo-environmental evidence as there were no features of archaeological interest.

6.6 A representative section of each trench was recorded denoting depth of topsoil, any stratigraphy

present and the nature of the soil. This information was logged in the day book together with a sketch drawn to scale and a photographic record of deposits.

- 6.7 On completion of the recording of the evaluation trenches, the backfilling of trenches was undertaken by machine. No specialist backfilling was proposed, nor was the backfilling of trenches supervised by the on-site archaeologists.

## Results

- 7.1 The results should be read in conjunction with the detailed results found in Appendices B-D and Figure 1. During the course of the work no features of archaeological interest were encountered except evidence of recent agricultural improvements relating to land drainage. In the western and south-western areas of the site (fields 1, 3, 4, 6, 8 and 9) the subsoil 002 comprised a firm orange/beige/brown clay silty sand with inclusions of sub-rounded cobbles and occasional boulders. Field drainage comprising ceramic and rubble filled drains truncated the subsoil and measured on average 0.3 m in width and 0.14 m – 0.23 m in depth. The subsoil in the eastern area of the development site (fields 2, 5, 7, 10, 11, 12 and 13) differed and comprised a mid-grey clay sand with a larger amount of sub-rounded cobbles and boulders (Plate 1). Field drainage was more common due to the wetter conditions with linear stone rubble, ceramic and modern plastic pipes present. Most were orientated north/south in accordance with the gradient of the on-site topography (Plate 2).



Plate 1: Post-excitation of Trench 14 field 1.



Plate 2: Field drainage in Trench 30 field 4.

- 7.2 Above the subsoil was found a dark brown sandy silt topsoil 001 which varied in thickness between 0.25 m and 0.50 m (Plate 3). The topsoil in the eastern side of fields 2, 5 and 7 was more peaty in morphology probably reflecting the wetter ground conditions in this area and was topped with cotton grass vegetation rather than the scrub grass found across the majority of the site. Several sherds of modern pottery located within the topsoil were noted but not retained.

- 7.3 102 trenches were excavated, totalling 10,062 m<sup>2</sup> (Plate 4). The details on each trench are set out in Appendix B-D.



Plate 3: North-East facing section of Trench 82 field 10.



Plate 4: Field 7 opened trenches.

## Discussion

- 8.1 The evaluation trenches revealed no features or finds of archaeological interest within the present phase 1A boundary 1 area. However, evidence of more recent activity was uncovered with several phases of land drainage improvements revealed from nineteenth century linear stone rubble filled drains, to ceramic pipes to the more recent plastic corrugated pipes of the twentieth century AD. The disturbance to the subsoil during the construction of the many intersecting drainage channels and the relatively shallow topsoil may have hampered the survival of any latent archaeological features.
- 8.2 Despite the presence of field drainage, the waterlogged conditions in the central and eastern area of field 2 (figure 1) prevented its excavation and the proposed trenching in this area was utilized elsewhere on site.
- 8.3 Excavation was also restricted in fields 8 and 9 (figure 1) due to the presence of an unknown service (see figure 1 for approximate position only) and the question over the location of a septic tank in field 9, where no manhole cover was observed in its recorded position suggesting it may be located elsewhere on site. A further complication was the slight deviation in the northern east/west overhead power line which also reduced the area that could be safely excavated resulting in fewer trenches in this area.

## Conclusion

- 9.1 The evaluation work has shown that no potentially significant archaeologically sensitive features exist within the present development area of phase 1A boundary 1 and in consequence no further work is recommended.
- 9.2 GUARD Archaeology Limited would stress that these recommendations are intended for guidance only and the final decisions on the nature and extent of any further archaeological work rest with the planning authority.
- 9.3 A summary of the project results will be submitted to *Discovery and Excavation in Scotland*. A copy of this is included in Appendix H. The archive for the project, including a copy of the report, will be submitted to the National Monuments Records for Scotland within six months of the completion of all fieldwork.
- 9.4 The online OASIS form at <http://ads.ahds.ac.uk/project/oasis/> for this project (OASIS Reference: guardarc1 – 204296(1)) will be completed within 3 months. Once the Data Structure Report has become a public document by submission to or incorporation into the SMR, the archaeological advisor to Aberdeen City Council will validate the OASIS form thus placing the information into the public domain on the OASIS website.

## Acknowledgements

- 10.1 GUARD Archaeology Ltd would like to thank Stewart Milne Group for commissioning us to conduct the evaluation. Thank you to Bruce Mann of Aberdeenshire Council Archaeology Service for his advice and assistance. Plant and operators were supplied by Ellon Plant. Technical support was from Aileen Maule. The evaluation was conducted by Maureen Kilpatrick with assistance from Clarke Innes, John-James Atkinson, Kenneth Green and James McGovern. The illustrations and trench survey were produced by Fiona Jackson. The report was desk top published by Gillian McSwan. The project was managed for GUARD Archaeology Ltd by Warren Bailie.

**Countesswells, Aberdeen,  
Phase 1A Boundary 1  
Archaeological Evaluation**

**Section 2: Appendices**



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## Appendices

### Appendix A: Bibliography

British Geological Survey, Geology of Britain viewer, <http://mapapps.bgs.ac.uk/geologyofbritain/home/html> (accessed 9th February 2015).

### Appendix B: List of Trenches

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
1	50	2	0.42	Moderately compacted dark brown clay silty sand (0.4 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey clay sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain in subsoil
2	50	2	0.45	Moderately compacted dark brown clay silty sand (0.32 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey clay sand with inclusion of sub-rounded boulders and cobbles	Five ceramic pipe and one rubble field drain in subsoil
3	50	2	0.4	Moderately compacted dark brown clay silty sand (0.4 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey clay sand with inclusion of sub-rounded boulders, cobbles and roots	Two rubble field drains in subsoil
4	50	2	0.4	Moderately compacted dark brown clay silty sand (0.4 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey clay sand with inclusion of sub-rounded boulders and cobbles	Four ceramic pipe and one large boulder
5	50	2	0.4	Moderately compacted dark brown clay silty sand (0.4 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
6	40	2	0.4	Loose dark brown sandy silt/clay (0.35 m in depth)	Firm light to dark brown sandy clay with inclusion of sub-rounded boulders and cobbles	One orange ceramic pipe drain
7	36	2	0.6	Loose dark brown clay/sandy silt (0.54 m in depth) with plant root and pebble sized stone inclusions	Firm light to dark brown sandy clay with inclusion of sub-rounded boulders and cobbles	Three stone built field drains
8		2	0.4	Loose dark brown clay/sandy silt (0.34 m in depth) with plant root and pebble sized stone inclusions	Firm light to dark brown sandy clay with inclusion of sub-rounded boulders and cobbles	-
9	36	2	0.4	Loose dark brown clay/sandy silt (0.54 m in depth) with plant root and pebble sized stone inclusions	Firm light to dark brown sandy clay with inclusion of sub-rounded boulders and cobbles	One orange ceramic field drain
10	30	2	0.6	Loose dark brown clay/sandy silt (0.53 m in depth) with plant root and pebble sized stone inclusions	Firm light to dark brown sandy clay with inclusion of sub-rounded boulders and cobbles	One orange ceramic field drain
11	40	2	0.40	Loose dark grey brown sandy silt (0.33 m in depth) with plant root and pebble sized stone inclusions	Firm light grey brown clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
12	51	2	0.29	Loose dark grey brown sandy silt (0.25 m in depth) with plant root and pebble sized stone inclusions	Hard to quite firm mid-light white grey clay sand with sub-rounded boulders and cobbles	One orange ceramic field drain. Trench doglegs along fence line
13	50	2	0.35	Loose dark grey brown sandy silt (0.26 m in depth) with plant root and pebble sized stone inclusions	Hard to quite firm mid-light white grey clay sand with sub-rounded boulders and cobbles	One rubble field drain

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
14	50	2	0.5	Loose/friable dark grey brown sandy silt (0.35 m in depth) with plant root and pebble sized stone inclusions	Firm light grey brown clay sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
15	50	2	0.4	loose/friable dark grey brown sandy silt (0.30 m in depth) with plant root and pebble sized stone inclusions	firm light grey clay sand with inclusions of sub-rounded boulders and cobbles	One rubble field drain
16	50	2	0.5	Friable dark grey brown sandy silt (0.40 m in depth) with plant root and pebble sized stone inclusions	Firm light grey and dark orange clay sand with inclusions of sub-rounded boulders and cobbles	Five rubble field drains
17	50	2	0.45	Loose/friable dark grey brown sandy silt (0.37 m in depth) with plant root and pebble sized stone inclusions	Firm light brown grey clay sand with inclusion of sub-rounded boulders and cobbles	Three rubble field drains and one orange ceramic pipe drain
18	50	2	0.45	Loose/friable dark grey brown sandy silt (0.3 m in depth) with plant root and pebble sized stone inclusions	Firm light brown/grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
19	50	2	0.5	Loose/friable dark grey brown sandy silt (0.40 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
20	50	2	0.5	Loose/friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Five rubble field drains
21	50	2	0.5	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Three rubble field drains
22	50	2	0.5	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Three rubble field drains
23	50	2	0.5	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
24	50	2	0.5	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
25	50	2	0.5	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Three rubble field drains
26	50	2	0.5	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey brown clay sand with inclusion of sub-rounded boulders and cobbles	Seven rubble field drains
27	50	2	0.5	Loose dark brown grey sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm dark brown grey clay sand silt with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
28	50	2	0.3	Friable dark grey brown sandy silt (0.25 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Six rubble field drains
29	50	2	0.40	Loose damp dark grey brown sandy silt (0.36 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	One orange ceramic field drain and one rubble field drain
30	50	2	0.55	Moderately compacted to friable dark brown clay silt (0.42 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
31	50	2	0.3	Friable dark grey brown sandy silt (0.30 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Five rubble field drains
32	50	2	0.45	Friable dark grey brown sandy silt (0.30 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Five rubble field drains
33	50	2	0.4	Moderately compacted to friable dark brown clay silt (0.33 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	One orange ceramic field drain
34	50	2	0.38	Moderately compacted grey brown silt sand (0.35 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
35		2	0.45	Friable dark grey brown sandy silt (0.4 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	Two gravel field drains and one rubble field drain
36	50	2	0.44	Moderately compacted to friable dark brown clay silt (0.37 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
37	50	2	0.45	Moderately compacted to friable dark brown clay silt (0.38 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	One orange ceramic field drain
38	50	2	0.3	Firm but wet dark grey brown sandy silt with slight clay throughout (0.23 m in depth) and plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders and cobbles	One rubble field drain and one gravel field drain
39	50	2	0.3	Firm but wet dark grey brown sandy silt with slight clay throughout (0.25 m in depth) and plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders and cobbles	A drainage ditch runs through the south-west end of the trench and a pipe line through the centre. One gravel drain.
40	50	2	0.4	Firm but wet dark grey brown sandy silt with slight clay throughout (0.25 m in depth) and plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders and cobbles	One rubble field drain
41	50	2	0.3	Firm but wet dark grey brown sandy silt with slight clay throughout (0.3 m in depth) and plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders and cobbles	One gravel field drain, orange ceramic field drain and rubble field drain.
42	50	2	0.45	Firm but wet dark grey brown sandy silt with slight clay throughout (0.45 m in depth) and plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders and cobbles	Two orange ceramic drains and one gravel field drain
43	50	2	0.4	Firm but friable dark grey brown sandy silt (0.3 m in depth) with inclusions of gravel and pebble sized stones	Very firm light blue grey clay sand with inclusions of sub-rounded boulders and cobbles	One rubble field drain and one orange ceramic field drain
44	50	2	0.4	Firm but friable dark grey brown sandy silt (0.3 m in depth) with inclusions of gravel and pebble sized stones	Very firm light blue grey clay sand with inclusions of sub-rounded boulders and cobbles	One rubble field drain
45	50	2	0.45	Firm but friable dark grey brown sandy silt (0.35 m in depth) with inclusions of gravel and pebble sized stones	Very firm light blue grey clay sand with inclusions of sub-rounded boulders and cobbles	One rubble field drain and one orange ceramic field drain

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
46	50	2	0.6	Firm but friable dark grey brown sandy silt (0.3 m in depth) with inclusions of gravel and pebble sized stones	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders, cobbles and gravel	One orange ceramic field drain and one rubble field drain
47	50	2	0.6	Firm but friable dark grey brown sandy silt (0.3 m in depth) with inclusions of gravel and pebble sized stones	Very firm mid to light blue grey clay sand with some silt and inclusion of sub-rounded boulders, cobbles and gravel	One orange ceramic field drain and one rubble field drain
48	50	2	0.32	Moderate to loose dark brown silt sand (0.26 m in depth) with inclusions of plant roots and pebble sized stones	Firm mid grey silt sand with inclusions of sub-rounded boulders and cobbles	One rubble field drain
49	50	2	0.4	Moderately compacted grey brown sandy silt (0.36 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey silt sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
50	50	2	0.4	Moderately compacted grey brown sandy silt (0.36 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey silt sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
51	50	2	0.33	Moderately compacted grey brown sandy silt (0.28 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted mid grey silt sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
52	50	2	0.4	Firm but friable dark grey brown sandy silt (0.35 m in depth) with inclusions of gravel and pebble sized stones	Very firm light blue grey clay sand with inclusions of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
53	30	2	0.45	Firm but friable dark grey brown sandy silt (0.35 m in depth) with inclusions of gravel and pebble sized stones	Very firm light blue grey clay sand with inclusions of sub-rounded boulders and cobbles	Two rubble field drains in subsoil
54	50	2	0.4	Firm but friable dark grey brown sandy silt (0.3 m in depth) with inclusions of gravel and pebble sized stones	Very firm light blue grey clay sand with inclusions of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
55	50	2	0.4	Moderate to loose orange to dark brown silt sand (0.34 m in depth) with inclusions of plant roots and pebble sized stones	Moderate compaction brown/beige silt sand with inclusions of pebble sized stones and cobbles	No archaeological or non-archaeological features
56	50	2	0.38	Moderate to loose orange to dark brown silt sand (0.34 m in depth) with inclusions of plant roots and pebble sized stones	Moderate compaction brown/beige silt sand with inclusions of pebble sized stones and cobbles	One rubble field drain
57	50	2	0.4	Moderate to loose orange to dark brown silt sand (0.36 m in depth) with inclusions of plant roots and pebble sized stones	Firm light to dark brown sandy clay with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
58	50	2	0.4	Moderately compacted grey brown silt sand (0.32 m in depth) with plant root and pebble sized stone inclusions	Moderate compaction burnt orange brown silt sand with inclusions of pebble sized stones and cobbles	One rubble field drain
59	50	2	0.35	Moderately compacted grey brown silt sand (0.28 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
60	50	2	0.35	Moderately compacted grey brown silt sand (0.29 m in depth) with plant root and pebble sized stone inclusions	Moderately compacted light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
61	50	2	0.4	Moderately compacted grey brown silt sand (0.32 m in depth) with plant root and pebble sized stone inclusions	Moderate compaction burnt orange brown silt sand with inclusions of pebble sized stones and cobbles	Linear discolouration on subsoil relating to drainage

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
62	50	2	0.35	Firm dark grey brown sandy silt (0.30 m in depth) with plant roots and gravel inclusions	Very firm mid blue grey clay sand with sub-rounded stone and gravel inclusions	One rubble field drain
63	50	2	0.30	Firm but friable dark reddish brown sandy silt (0.30 m in depth) with inclusions of gravel and pebble sized stones	Firm mid red brown grey clay sand with sub-rounded stone and gravel inclusions	Two rubble field drains in subsoil
64	50	2	0.40	Firm but friable dark reddish brown sandy silt (0.30 m in depth) with inclusions of gravel and pebble sized stones	Firm mid red brown grey clay sand with sub-rounded stone and gravel inclusions	No archaeological or non-archaeological features
65	50	2	0.40	Friable dark grey brown sandy silt (0.30 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
66	50	2	0.35	Friable dark grey brown sandy silt (0.25 m in depth) with plant root and pebble sized stone inclusions	Firm light grey clay sand with inclusion of sub-rounded boulders and cobbles	No archaeological or non-archaeological features
71	38	2	0.48	Friable dark grey brown sandy silt (0.40 m in depth) with plant root and pebble sized stone inclusions	Burnt orange/brown silty sand with inclusions of sub-rounded pebbles and cobbles	One orange ceramic field drain
73	50	2	0.40	Friable dark red grey brown sandy silt (0.35 m in depth) with plant root, pebble sized stone and gravel inclusions	Firm mid blue/yellow grey clay sand with inclusions of sub-rounded boulders and cobbles	One orange ceramic field drain and rubble relating to drainage
74	50	2	0.50	Friable dark red grey brown sandy silt (0.40 m in depth) with plant root, pebble sized stone and gravel inclusions	Firm mid blue/yellow grey clay sand with inclusions of sub-rounded boulders and cobbles	One rubble field drain and apparent burning in topsoil section
75	50	2	0.35	Loose grey brown sandy clay (0.25 m in depth) with plant root inclusions	Moderate compaction brown grey silt sand with inclusions of pebble sized stones and cobbles	One rubble field drain
76	50	2	0.30	Loose dark brown sandy silt (0.30 m in depth) with plant root inclusions	Moderately compacted brown grey silty sand with sub-rounded stone inclusions	Orange ceramic pipe field drain covered with stones
77	50	2	0.38	Loose dark brown sandy silt (0.30 m in depth) with plant root inclusions	Moderately compacted mid grey silty sand with occasional stone inclusions	Three orange ceramic pipe field drains covered with stones
78	50	2	0.30	Loose grey brown sandy silt (0.30 m in depth) with plant root inclusions	Moderately compacted mid grey silty sand with occasional stone/granite inclusions	Four ceramic pipe and four rubble drains
79	25	2	0.40	Moderate to loose dark brown silt sand (0.34 m in depth) with inclusions of plant roots and pebble sized stones	Moderate to loose beige grey silty sand with cobble, pebble and the occasional sub-rounded boulder inclusions	No archaeological or non-archaeological features
80	50	2	0.35	Loose dark to mid brown sandy clay (0.26 m in depth) with stone inclusions	Loose grey brown sandy clay with stone inclusions	One rubble field drain
81	50	2	0.40	Friable dark grey brown sandy silt (0.30 m in depth) with plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with inclusion of sub-rounded boulders, cobbles and gravel	One rubble field drain
82	50	2	0.40	Friable dark grey brown sandy silt (0.35 m in depth) with plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with inclusion of sub-rounded boulders, cobbles and gravel	One rubble field drain

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
83	50	2	0.50	Friable dark red grey brown sandy silt (0.40 m in depth) with plant root, pebble sized stone and gravel inclusions	Very firm mid to light blue grey clay sand with inclusion gravel	No archaeological or non-archaeological features
84	50	2	0.40	Loose dark brown sandy clay (0.34 m in depth) with plant root and pebble sized stone inclusions	Loose dark brown sandy clay with occasional silty sand and sub-rounded stone inclusions	Two rubble field drains in subsoil
85	50	2	0.45	Moderate to loose grey to dark brown silty sand (0.32 m in depth) with plant root inclusions	Moderate compaction beige to grey clay sand with occasional pebbles, cobbles and sub-rounded stone inclusions	One rubble field drain
86	65	2	0.38	Moderately compacted grey to dark brown clay silt and sand (0.31 m in depth) with plant root inclusions	Moderate compaction mid grey clay sand with occasional cobble inclusions	No archaeological or non-archaeological features
87	50	2	0.38	Moderate to loose grey to dark brown silty sand (0.34 m in depth) with plant root inclusions. Very patchy intermediate deposit of mid-grey silty sand (depth 0.02 m)	Moderate compaction beige to grey clay sand with occasional pebbles, cobbles and boulder inclusions	Rubble drain that extends to TR89 and TR88
88	50	2	0.44	Moderate to loose grey to dark brown silty sand (0.36 m in depth) with plant root inclusions	Moderate compaction beige to grey clay sand with occasional pebbles, cobbles and sub-rounded stone inclusions	Rubble drain that extends to TR89 and TR87
89	50	2	0.42	Moderate to loose grey to dark brown silty sand (0.38 m in depth) with plant root inclusions	Moderate compaction beige to grey clay sand with occasional pebbles, cobbles and sub-rounded stone inclusions	Rubble drain that extends to TR88 and TR87
90	50	2	0.40	Friable dark grey brown sandy silt (0.35 m in depth) with plant root and pebble sized stone inclusions	Very firm mid to light blue grey clay sand with frequent inclusion of sub-rounded boulders, cobbles and gravel	No archaeological or non-archaeological features
91	50	2	0.35	Friable dark grey brown sandy silt (0.30 m in depth) with sub-rounded stone inclusions	Firm light grey clay sand with inclusion of sub-rounded stones	No archaeological or non-archaeological features
92	50	2	0.45	Friable dark grey brown sandy silt (0.40 m in depth) with sub-rounded stone inclusions	Firm light grey clay sand with inclusion of sub-rounded stones	Linear discolouration on the subsoil relating to drainage
93	50	2	0.40	Friable dark grey brown sandy silt (0.40 m in depth) with sub-rounded stone inclusions	Firm light grey clay sand with inclusion of sub-rounded stones	Bands of discolouration on the subsoil relating to drainage and plough marks
94	50	2	0.40	Friable dark grey brown sandy silt (0.35 m in depth) with sub-rounded stone inclusions	Firm light grey clay sand with inclusion of sub-rounded stones	Bands of discolouration on the subsoil relating to drainage, plough marks and a rubble field drain towards the south end of the trench
95	50	2	0.42	Moderate to loose grey to dark brown silty sand (0.38 m in depth) with plant root inclusions	Moderately compacted beige and brown clay sand with cobbles and the occasional sub-rounded boulders	No archaeological or non-archaeological features

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Details
96	50	2	0.38	Moderately compacted orange to dark brown clay silt (0.32 m in depth) with plant root inclusions	Moderately compacted burnt orange clay silty sand with sub-rounded cobble and small sub-rounded boulder inclusions	No archaeological or non-archaeological features
97	50	2	0.50	Friable dark grey brown sandy silt (0.40 m in depth) with sub-rounded stone inclusions	Firm light grey clay sand with inclusion of sub-rounded stones	Plough marks evident on subsoil surface. No archaeological features.
98	50	2	0.50	Moderate to loose dark brown sandy silt (0.40 m in depth)	Loose to moderately compacted burnt orange and brown silty sand subsoil with sub-rounded pebble, cobble and boulder inclusions.	No archaeological or non-archaeological features
99	50	2	0.50	Moderate to loose dark brown sandy silt (0.40 m in depth)	Loose to moderately compacted clay sand subsoil with sub-rounded pebble, cobble and boulder inclusions.	No archaeological or non-archaeological features
100	21	2	0.38	Moderate to loose grey to dark brown silty sand (0.32 m in depth) with plant root inclusions	Moderate compaction beige to grey clay sand with occasional pebbles, cobbles and sub-rounded stone inclusions	No archaeological or non-archaeological features
101	50	2	0.50	Moderate to loose dark brown sandy silt (0.34 m in depth)	Loose to moderately compacted burnt orange and brown silty sand subsoil with sub-rounded pebble, cobble and boulder inclusions.	No archaeological or non-archaeological features
102	56	2	0.38	Moderate to loose grey to dark brown sandy silt (0.32 m in depth) with plant root inclusions	Loose to moderately compacted grey silt sand and orange to brown clay sand subsoil	No archaeological or non-archaeological features
103	60	2	0.38	Moderate to loose compaction orange to brown silty sand (0.33 m in depth) with plant root inclusions	Firm beige to brown silty sand with the occasional pebble and cobble inclusion. Iron pan on subsoil.	No archaeological or non-archaeological features
104	60	2	0.40	Friable dark grey brown sandy silt (0.30 m in depth) with stone inclusions	Firm light grey brown clay sand with inclusion of sub-rounded boulders and cobbles	One rubble field drain
105	32	2	0.40	Friable dark grey brown sandy silt (0.30 m in depth) with stone inclusions	Firm light grey brown clay sand with inclusion of sub-rounded boulders and cobbles	Discolouration of subsoil possibly due to drainage, non-archaeological.
106	80	2	0.45	Moderate to loose dark brown sandy silt (0.34 m in depth)	Loose to moderately compacted burnt orange and brown silty sand subsoil with sub-rounded pebble, cobble and boulder inclusions.	No archaeological or non-archaeological features
107	70	2	0.50	Loose compaction dark brown silty sand and clay (0.40 m in depth) with stone inclusions	Loose compaction dark brown silty sand	One rubble field drain, one ceramic pipe and a stone fitted field drain

### Appendix C: List of Drawings

Drawing No.	Area	Sheet No.	Subject	Scale
1	TR89	1	Plan of rubble field drain	1:20

## Appendix D: List of Photographs

### File 1

Frame	Area	Context No.	Subject	Taken From
1	-	-	I. D. Shot – TR13	-
2	Field 01	001, 002	South-East facing section of TR13	South-East
3	Field 01	001, 002	View of TR13	North-East
4	Field 01	001, 002	South-East facing section of TR14	South-East
5	Field 01	001, 002	View of TR14	North-East
6	Field 01	001, 002	South-West facing section of TR15	South-West
7	Field 01	001, 002	View of TR15	North-West
8	-	-	I. D. Shot – TR16	-
9	Field 01	001, 002	South-South-West facing section of TR16	South-South-West
10	Field 01	001, 002	View of TR16	North-East
11	-	-	I. D. Shot – TR17	-
12	Field 01	001, 002	South-East facing section of TR17	South-East
13	Field 01	001, 002	View of TR17	North-East
14	-	-	I. D. Shot – TR18	-
15	Field 01	001, 002	View of TR18	North-East
16	Field 01	001, 002	North-West facing section of TR18	North-West
17	-	-	I. D. Shot – TR19	-
18	Field 01	001, 002	View of TR19	North-East
19	Field 01	001, 002	South-East facing section of TR19	South-East
20	-	-	I. D. Shot – TR20	-
21	Field 01	001, 002	View of TR20	North-East
22	Field 01	001, 002	North-West facing section of TR20	North-West
23	-	-	I. D. Shot – TR21	-
24	Field 01	001, 002	South-East facing section of TR21	South-East
25	Field 01	001, 002	View of TR21	South-West
26	-	-	I. D. Shot – TR22	-
27	Field 01	001, 002	View of TR22	South-West
28	Field 01	001, 002	South-East facing section of TR22	South-East
29	-	-	I. D. Shot – TR11	-
30	Field 01	001, 002	View of TR11	West
31	Field 01	001, 002	South facing section of TR11	South
32	-	-	I. D. Shot – TR23	-
33	Field 03	001, 002	View of TR23	South-West
34	Field 03	001, 002	South-East facing section of TR23	South-East
35	-	-	I. D. Shot – TR24	-
36	Field 03	001, 002	View of TR24	South-West
37	Field 03	001, 002	North-West facing section of TR24	North-West
38	-	-	I. D. Shot – TR25	-
39	Field 03	001, 002	View of TR25	North-East
40	Field 03	001, 002	North-West facing section of TR25	North-West
41	-	-	I. D. Shot – TR26	-
42	Field 03	001, 002	View of TR26	North-East
43	Field 03	001, 002	North-West facing section of TR26	North-West
44	-	-	I. D. Shot – TR31	-
45	Field 05	001, 002	View of TR31	South-West
46	Field 05	001, 002	South-East facing section of TR31	South-East
47	-	-	I. D. Shot – TR32	-
48	Field 05	001, 002	View of TR32	South-West
49	Field 05	001, 002	South-East facing section of TR32	South-East
50	-	-	I. D. Shot – TR35	-
51	Field 05	001, 002	View of TR35	South
52	Field 05	001, 002	East facing section of TR35	East

Frame	Area	Context No.	Subject	Taken From
53	-	-	I. D. Shot – TR38	-
54	Field 05	001, 002	View of TR38	North-East
55	Field 05	001, 002	View of TR38	South
56	Field 05	001, 002	East facing section of TR38	East
57	-	-	I. D. Shot – TR39	-
58	Field 05	001, 002	View of TR39	West
59	Field 05	001, 002	South facing section of TR39	South
60	-	-	I. D. Shot – TR40	-
61	Field 05	001, 002	View of TR40	West
62	Field 05	001, 002	South facing section of TR40	South
63	-	-	I. D. Shot – TR41	-
64	Field 05	001, 002	View of TR41	North
65	Field 05	001, 002	West facing section of TR41	West
66	-	-	I. D. Shot – TR42	-
67	Field 05	001, 002	View of TR42	East
68	Field 05	001, 002	North facing section of TR42	North
69	-	-	I. D. Shot – TR65	-
70	Field 06	001, 002	View of TR65	South-East
71	Field 06	001, 002	North-East facing section of TR65	North-East
72	-	-	I. D. Shot – TR66	-
73	Field 06	001, 002	View of TR66	South-East
74	Field 06	001, 002	North-West facing section of TR66	North-West
75	-	-	I. D. Shot – TR64	-
76	Field 06	001, 002	View of TR64	South-East
77	Field 06	001, 002	South-West facing section of TR64	South-West
78	-	-	I. D. Shot – TR63	-
79	Field 06	001, 002	View of TR63	South-West
80	Field 06	001, 002	South-East facing section of TR63	South-East
81	-	-	I. D. Shot – TR62	-
82	Field 06	001, 002	View of TR62	North-East
83	Field 06	001, 002	North-West facing section of TR62	North-West
84	Field 07	001, 002	View of TR47	South-West
85	Field 07	001, 002	North-West facing section of TR47	North-West
86	Field 07	001, 002	View of TR46	North-East
87	Field 07	001, 002	North-West facing section of TR46	North-West
88	-	-	I. D. Shot – TR45	-
89	Field 07	001, 002	View of TR45	North-East
90	Field 07	001, 002	North-West facing section of TR45	North-West
91	-	-	I. D. Shot – TR44	-
92	Field 07	001, 002	View of TR44	West
93	Field 07	001, 002	North facing section of TR44	North
94	Field 07	001, 002	View of TR43	East
95	Field 07	001, 002	North facing section of TR43	North
96	Field 07	001, 002	View of TR52	East
97	Field 07	001, 002	North facing section of TR52	North
98	Field 07	001, 002	View of TR53	East
99	Field 07	001, 002	North facing section of TR53	North
100	-	-	I. D. Shot – TR54	-
101	Field 07	001, 002	North-East facing section of TR54	North-East
102	Field 07	001, 002	View of TR54	South-East
103	-	-	I. D. Shot – TR73	-
104	Field 12	001, 002	West facing section of TR73	West
105	Field 12	001, 002	View of TR73	North
106	Field 12	001, 002	Rubble relating to drainage	N
107	-	-	ID Shot - TR74	-

Frame	Area	Context No.	Subject	Taken From
108	Field 12	001, 002	South facing section of TR74	South
109	Field 12	001, 002	View of trench TR74	West
110	Field 12	001, 002	Burning in topsoil	South
111	-	-	ID Shot - TR83	-
112	Field 13	001, 002	West facing section of TR83	West
113	Field 13	001, 002	View of TR83	North
114	-	-	ID Shot - TR82	-
115	Field 10	001, 002	North-East facing section of TR82	North-East
116	Field 10	001, 002	View of TR82	South-East
117	-	-	ID Shot - TR81	-
118	Field 10	001, 002	North-East facing section of TR81	North-East
119	Field 10	001, 002	View of TR81	South-East
120	-	-	ID Shot - TR90	-
121	Field 10	001, 002	South-East facing section of TR90	South-East
122	Field 10	001, 002	View of TR90	South-West
123	Field 10	001, 002	View of TR90	South-East
124	-	-	ID Shot - TR90	-
125	Field 10	001, 002	West facing section of TR91	West
126	Field 10	001, 002	View of TR91	North
127	-	-	ID Shot - TR92	-
128	Field 10	001, 002	West facing section of TR92	West
129	Field 10	001, 002	View of TR92	North
130	Field 10	001, 002	Linear drain cut TR92	North
131	Field 10	001, 002	Linear drain cut TR92	North
132	-	-	ID Shot - TR93	-
133	Field 10	001, 002	West facing section TR93	West
134	Field 10	001, 002	View of TR93	North
135	-	-	ID Shot - TR94	-
136	Field 10	001, 002	West facing section TR94	West
137	Field 10	001, 002	View of TR94	North
138	-	-	ID Shot - TR97	-
139	Field 10	001, 002	North-East facing section TR97	North-East
140	Field 10	001, 002	View of TR97	South-East
141	-	-	ID Shot TR104	-
142	Field 10	001, 002	South facing section of TR104	South
143	Field 10	001, 002	View of TR104	West
144	-	-	ID Shot TR105	-
145	Field 10	001, 002	West facing section of TR105	West
146	Field 10	001, 002	View of TR105	North
147	Field 03	001, 002	Pre-exc of possible pit - natural deposit	North-East
148	Field 03	001, 002	Pre-exc of possible pit - natural deposit	South-West
149	-	-	ID Shot TR28	-
150	Field 04	001, 002	South-East facing section TR28	North-West
151	Field 04	001, 002	View of TR28	South-West
152	Field 10	001, 002	Post-exc of rubble drain	East
153	Field 10	001, 002	Post-exc of rubble drain	South-West
154	Field 10	001, 002	Post-exc of rubble drain	South-West
155	Fields 1-7	-	General shot - post-excavation	North
156	Fields 1-7	-	General shot - post-excavation	North-West
157	Fields 10-12	-	General shot - post-excavation	North
158	Fields 12	-	General shot - post-excavation	North-West
159	Field 10	001, 002	Field drain TR89	South-West
160	Field 10	001, 002	Field drain TR89	South-West
161	Field 10	001, 002	Field drain TR89	South-West
162	Field 10	001, 002	Field drain TR89	South-West

Frame	Area	Context No.	Subject	Taken From
163	Field 10	001, 002	Field drain TR89	South-West
164	Field 10	001, 002	Field drain TR89	North-East
165	Field 7	-	General shot - post-excavation	North
166	Field 7	-	General shot - post-excavation	North-West
167	Field 7	-	General shot - post-excavation	North-West
168	Field 7	-	General shot - post-excavation	South-West
169	Field 7	-	Possible manhole cover of septic tank	South-East
170	Field 7	-	Possible manhole cover of septic tank	South-East
171	Field 7	-	General shot - post-excavation	South-East
172	Field 6	-	General shot - post-excavation	North-West
173	Field 7	-	General shot - post-excavation	North-West

## File 2

Frame	Area	Context No.	Subject	Taken From
1	-	-	General Shot - pre-excavation	South
2	-	-	General Shot - pre-excavation	South-West
3	-	-	General Shot - pre-excavation	South-West
4	-	-	General Shot - pre-excavation	West
5	-	-	General Shot - pre-excavation	West
6	-	-	General Shot - pre-excavation	West
7	-	-	General Shot - pre-excavation	West
8	-	-	General Shot - pre-excavation	East
9	-	-	General Shot - pre-excavation	North-East
10	-	-	General Shot - pre-excavation	North-East
11	-	-	General Shot - pre-excavation	North
12	-	-	General Shot - pre-excavation	North
13	Field 02	001, 002	View TR 2	South-West
14	Field 02	001, 002	View TR 7	South-West
15	Field 02	001, 002	View TR 10	South-West
16	Field 02	001, 002	View TR 4	South-West
17	Field 02	001, 002	View TR 3	South-West
18	Field 02	001, 002	South-West facing section TR1	South-West
19	Field 02	001, 002	South-West facing section TR7	South-West
20	Field 02	001, 002	South facing section TR6	South
21	Field 02	001, 002	South-East facing section TR3	South-East
22	Field 02	001, 002	South-East facing section TR4	South-East
23	Field 02	001, 002	West facing section TR5	West
24	Field 02	001, 002	View TR6	West
25	Field 02	001, 002	South-East facing section TR2	South-East
26	-	-	ID Shot - TR7	-
27	Field 02	001, 002	View TR7	South-West
28	Field 02	001, 002	South-West facing section TR7	South-West
29	-	-	ID Shot - TR8	-
30	Field 01	001, 002	View TR8	South-West
31	-	-	South-East facing section TR8	South-East
32	-	-	View TR9	North-East
33	Field 01	001, 002	ID Shot TR9	-
34	Field 01	001, 002	North-West facing section TR9	North-West
35	-	-	ID Shot - TR27	-
36	Field 04	001, 002	View TR27	North-East
37	Field 04	001, 002	South-East facing section TR27	South-East
38	-	-	ID Shot - TR28	-
39	Field 04	001, 002	View TR28	South-East
40	Field 04	001, 002	South-East facing section TR28	South-East

Frame	Area	Context No.	Subject	Taken From
41	-	-	ID Shot - TR29	-
42	Field 04	001, 002	View of TR29	North-East
43	Field 04	001, 002	South-East facing section TR29	South-East
44	Field 04	001, 002	Possible feature pre-excavation	West
45	Field 04	001, 002	Slot through feature - drainage	East
46	-	-	ID Shot - TR30	-
47	Field 04	001, 002	Section through feature - drainage	East
48	-	-	ID Shot - TR30	West
49	Field 04	001, 002	View of TR30	West
50	Field 04	001, 002	South-West facing section TR30	South-West
51	-	-	ID Shot - TR30	-
52	Field 04	001, 002	View of TR30	North-East
53	Field 04	001, 002	South-East facing section of TR30	South-East
54	Field 04	001, 002	Section through ceramic drain TR30	North-East
55	-	-	ID Shot - TR34	-
56	Field 05	001, 002	View of TR34	South-West
57	Field 05	001, 002	East facing section TR34	East
58	-	-	ID Shot - TR 36	-
59	Field 05	001, 002	View of TR 36	West
60	Field 05	001, 002	South facing section TR36	South
61	-	-	ID Shot - TR37	-
62	Field 05	001, 002	South-West facing section TR37	South-West
63	Field 05	001, 002	View of TR37	South-East
64	-	-	ID Shot - TR12	-
65	Field 05	001, 002	East facing section TR12	East
66	Field 05	001, 002	View of TR12	South
67	Field 05	001, 002	Dogleg of TR12	South
68	-	-	ID Shot - TR61	-
69	Field 06	001, 002	View of TR61	North-West
70	Field 06	001, 002	North-West facing section TR61	South-West
71	Field 06	001, 002	Section through possible feature - natural	North-West
72	-	-	ID Shot - TR60	-
73	Field 06	001, 002	View of TR60	South-West
74	Field 06	001, 002	South facing section of TR60	South
75	-	-	ID Shot - TR59	West
76	Field 06	001, 002	West facing section TR59	West
77	Field 06	001, 002	View of TR59	South
78	-	-	ID Shot - TR55	-
79	Field 07	001, 002	View of TR55	South-West
80	Field 07	001, 002	North-East facing section TR55	North-East
81	-	-	ID Shot - TR57	-
82	Field 06	001, 002	View of TR57	South-West
83	Field 06	001, 002	South-West facing section TR57	South-West
84	-	-	ID Shot - TR102	-
85	Field 06	001, 002	View of TR102	South
86	Field 06	001, 002	West facing section TR102	West
87	-	-	ID Shot - TR48	-
88	Field 07	001, 002	View of TR48	West
89	Field 07	001, 002	South facing section TR48	South
90	-	-	ID Shot - TR56	-
91	Field 07	001, 002	View of TR56	South
92	Field 07	001, 002	South-West facing section of TR56	South-West
93	Field 07	001, 002	View of TR55	South-West
94	Field 07	001, 002	North-East facing section of TR55	North-East
95	Field 07	-	Panoramic shots of trenched area	West

Frame	Area	Context No.	Subject	Taken From
96	Field 07	-	Panoramic shots of trenched area	West
97	Field 07	-	Panoramic shots of trenched area	South
98	Field 07	-	Panoramic shots of trenched area	South-East
99	Field 07	-	Panoramic shots of trenched area	East
100	Field 07	-	Panoramic shots of trenched area	North
101	Field 10	-	Panoramic shots of trenched area	North
102	Field 10	-	Panoramic shots of trenched area	North-West
103	Field 10	-	Panoramic shots of trenched area	West
104	Field 10	-	Panoramic shots of trenched area	West
105	Field 10	-	Panoramic shots of trenched area	North-East
106	Field 10	-	Panoramic shots of trenched area	North-East
107	Field 10	-	Panoramic shots of trenched area	North
108	Field 10	-	Panoramic shots of trenched area	South
109	Field 10	-	Panoramic shots of trenched area	North
110	Field 07	-	ID Shot - TR55	-
111	Field 07	001, 002	View of TR55	South-East
112	Field 07	001, 002	South-West of section of TR55	South-West
113	-	-	ID Shot - TR49	-
114	Field 07	001, 002	View of TR49	South-East
115	Field 07	001, 002	East facing section of TR49	East
116	-	-	ID Shot - TR50	-
117	Field 07	001, 002	View of TR50	South-West
118	Field 07	001, 002	South facing section of TR50	South
119	-	-	ID Shot - TR50	-
120	Field 07	001, 002	View of TR50	South-West
121	Field 07	001, 002	South facing section of TR50	South
122	-	-	Possible feature TR51 - topsoil	North-West
123	-	-	ID Shot TR103	-
124	Field 07	001, 002	View of TR103	North
125	Field 07	001, 002	West facing section of TR103	West
126	Field 07	001, 002	Dogleg section of TR103	South-West
127	Field 11	001, 002	South-West facing section of TR77	South-West
128	Field 11	001, 002	View of TR77	East
129	Field 11	001, 002	Ceramic drain in TR77	East
130	Field 11	001, 002	East facing section TR77	East
131	-	-	ID Shot - TR76	-
132	Field 11	001, 002	View of TR76	North
133	Field 11	001, 002	West facing section of TR76	West
134	-	-	ID Shot - TR75	-
135	Field 11	001, 002	View of TR75	North-West
136	Field 11	001, 002	South facing section of TR75	South-East
137	-	-	Gate/entrance between field 10/11	North
138	-	-	ID Shot - TR78	-
139	Field 11	001, 002	East facing section TR78	East
140	Field 11	001, 002	View of TR78	North
141	-	-	ID Shot TR80	-
142	Field 10	001, 002	West facing section TR80	West
143	Field 10	001, 002	View TR80	South
144	Field 10	-	Working Shot	North-West
145	Field 10	-	Working Shot	North-East
146	Field 10	-	General Shot	North-East
147	Field 10	-	General Shot	North-East
148	Field 10	001, 002	ID Shot TR84	-
149	Field 10	001, 002	North facing section TR84	North
150	Field 10	001, 002	View of TR84	West

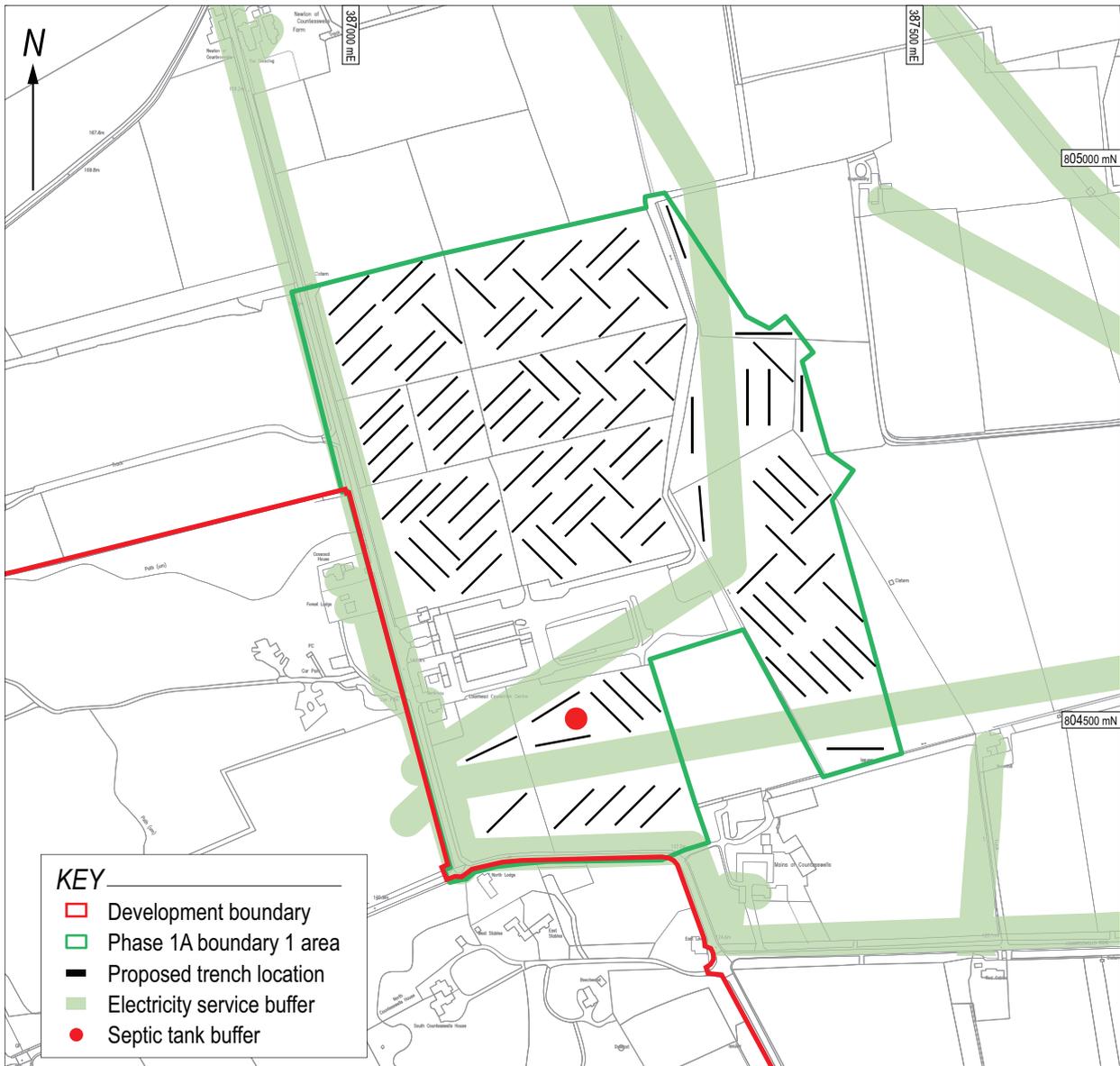
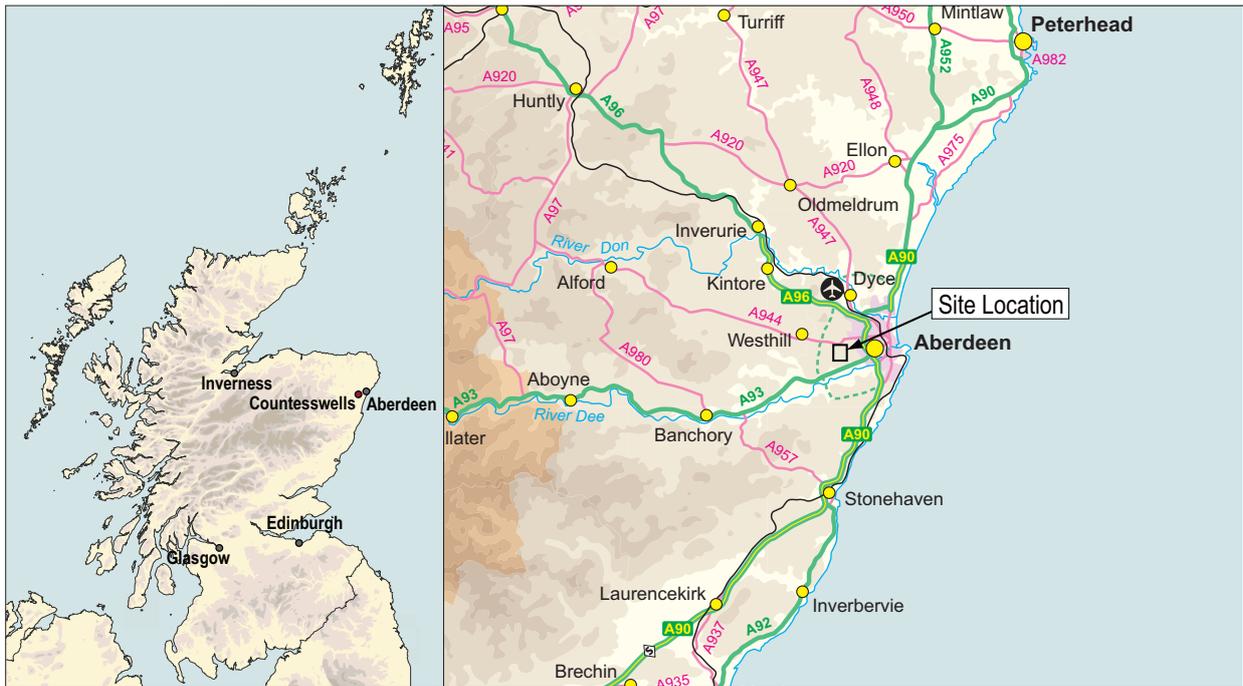
Frame	Area	Context No.	Subject	Taken From
151	-	-	ID Shot - TR85	-
152	Field 10	001, 002	South-West facing section TR85	South-West
153	Field 10	001, 002	View of TR85	South-West
154	-	-	ID Shot TR89	-
155	Field 10	001, 002	East facing section TR89	East
156	Field 10	001, 002	View of TR89	South
157	-	-	ID Shot TR88	-
158	Field 10	001, 002	North-West facing section TR88	North-West
159	Field 10	001, 002	View of TR88	North
160	-	-	ID Shot - TR87	-
161	Field 10	001, 002	North-East facing section TR87	North-East
162	Field 10	001, 002	View of TR87	North
163	Field 10	001, 002	Field drain	North
164	-	-	ID Shot - TR95	-
165	Field 10	001, 002	North-East facing section TR95	North-East
166	Field 10	001, 002	View of TR95	North
167	-	-	ID Shot - TR96	-
168	Field 10	001, 002	North-East facing section TR96	North-East
169	Field 10	001, 002	View of TR96	North
170	-	-	ID Shot - TR86	-
171	Field 10	001, 002	North facing section TR86	North
172	Field 10	001, 002	View of TR86	West
173	Field 10	001, 002	View of TR79	West
174	-	-	ID Shot - TR79	-
175	Field 10	001, 002	South-East facing section TR79	South-East
176	Field 10	001, 002	South-West facing section TR79	South-West
177	Fields 8-9	-	General Shot	North
178	Field 07	-	General Shot	South
179	Fields 6-7	-	General Shot	South-East
180	-	-	ID Shot - TR98	-
181	Field 08	001, 002	South-East facing section TR98	South-East
182	Field 08	001, 002	View of TR98	South-West
183	Field 08	-	General Shot	North-West
184	Field 08	-	General Shot	North-West
185	Field 09	-	ID Shot - TR101	-
186	Field 09	001, 002	North-East facing section Tr101	North-East
187	Field 09	001, 002	View of TR101	North-West
188	-	-	ID Shot - TR100	-
189	Field 09	001, 002	North facing section TR100	North
190	Field 09	001, 002	View of TR100	East
191	-	-	ID Shot TR99	-
192	Field 09	001, 002	South-East facing section TR99	South-East
193	Field 09	001, 002	View of TR99	North-East
194	-	-	ID Shot TR106	-
195	Field 09	001, 002	South-East facing section TR106	South-East
196	Field 09	001, 002	View of TR106	South-West
197	Field 09	001, 002	View of TR106	North-West
198	Field 09	001, 002	Field drainage TR106	North-West
199	-	-	ID Shot TR71	-
200	Field 09	001, 002	View of TR71	South-East
201	Field 09	001, 002	South-West facing section TR71	South-West
202	Field 09	001, 002	Drain TR71	South-West
203	Fields 8-9	-	General Shot	East
204	Field 08	-	General Shot	North-East
205	Field 08	-	General Shot	North-West

Frame	Area	Context No.	Subject	Taken From
206	-	-	ID Shot TR107	-
207	Field 06	001, 002	North-East facing section TR107	North-East
208	Field 06	001, 002	View of TR107	South-East
209	Field 6-7	-	General Shot	South
210	Field 08	-	General Shot	South-East
211	Field 09	-	General Shot	North-West
212	Field 09	-	General Shot	South
213	Field 09	-	General Shot	North-West
214	Field 09	-	General Shot	West
215	Field 10	-	General Shot	East
216	Field 02	-	General Shot	South-West
217	Field 01	-	General Shot	North-West
218	Fields 5 and 7	-	General Shot	North-West
219	Field 7	-	General Shot	West
220	Fields 2 and 5	-	General Shot	South
221	Field 10	-	Drainage TR88	South-East
222	Field 10	-	Drainage TR89	South-East
223	Field 10	-	Drainage TR87	South-East
224	Field 10	-	Drainage TR91	South-East
225	Field 11	-	General Shot	South-West
226	Field 10	-	General Shot	North
227	Field 10	-	General Shot	North-West
228	Field 10	-	General Shot	North-West
229	Fields 2 and 5	-	General Shot	South-East
230	Fields 2 and 5	-	General Shot	South-East
231	Field 07	-	General Shot	East
232	Fields 6-7	-	General Shot	North-East
233	Fields 6-7	-	General Shot	North-East

## Appendix E: Discovery and Excavation Entry

LOCAL AUTHORITY:	Aberdeen City Council
PROJECT TITLE/SITE NAME:	Countesswells, Aberdeen Phase 1A Boundary 1
PROJECT CODE:	3888
PARISH:	Peterculter
NAME OF CONTRIBUTOR(S):	Maureen C Kilpatrick
NAME OF ORGANISATION:	GUARD Archaeology Limited
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S):	n/a
SITE/MONUMENT TYPE(S):	n/a
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NJ 87472 04755
START DATE (this season)	11th February 2015
END DATE (this season)	18th February 2015
PREVIOUS WORK (incl. <i>DES</i> ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological evaluation was carried out by GUARD Archaeology Limited on an area proposed for development at Countesswells, Aberdeen. The trial trench evaluation sampled 7% (10,062 m <sup>2</sup> ) of the total area proposed for development (14,375 ha) which excluded service buffer zones. Investigation was spread over 102 trenches. The work programme revealed no finds or features of archaeological interest except field drainage relating to nineteenth and twentieth century agricultural improvements
PROPOSED FUTURE WORK:	Further development in the vicinity
SPONSOR OR FUNDING BODY:	Stewart Milne Group
CAPTION(S) FOR ILLUSTRS:	None
ADDRESS OF MAIN CONTRIBUTOR:	52 Elderpark Workspace, 100 Elderpark Street, Glasgow, G51 3TR
EMAIL ADDRESS:	bob.will@guard-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	Archive will be deposited with the NMRS

**Appendix F: Risk Assessment and Method Statement****COUNTESSWELLS, ABERDEEN****PHASE 1A BOUNDARY 1****ARCHAEOLOGICAL EVALUATION****RISK ASSESSMENT AND METHOD STATEMENT****PROJECT 3888**



## Executive Summary

- 1.1 This Written Scheme of Investigation forms the archaeological method statement for the evaluation of Phase 1A boundary 1 at Countesswells, Aberdeen (Figure 1) and will require to be approved by the archaeological adviser to Aberdeen City Council prior to the commencement of archaeological fieldwork. This document also incorporates a risk assessment and works programme for the evaluation works.

## Introduction

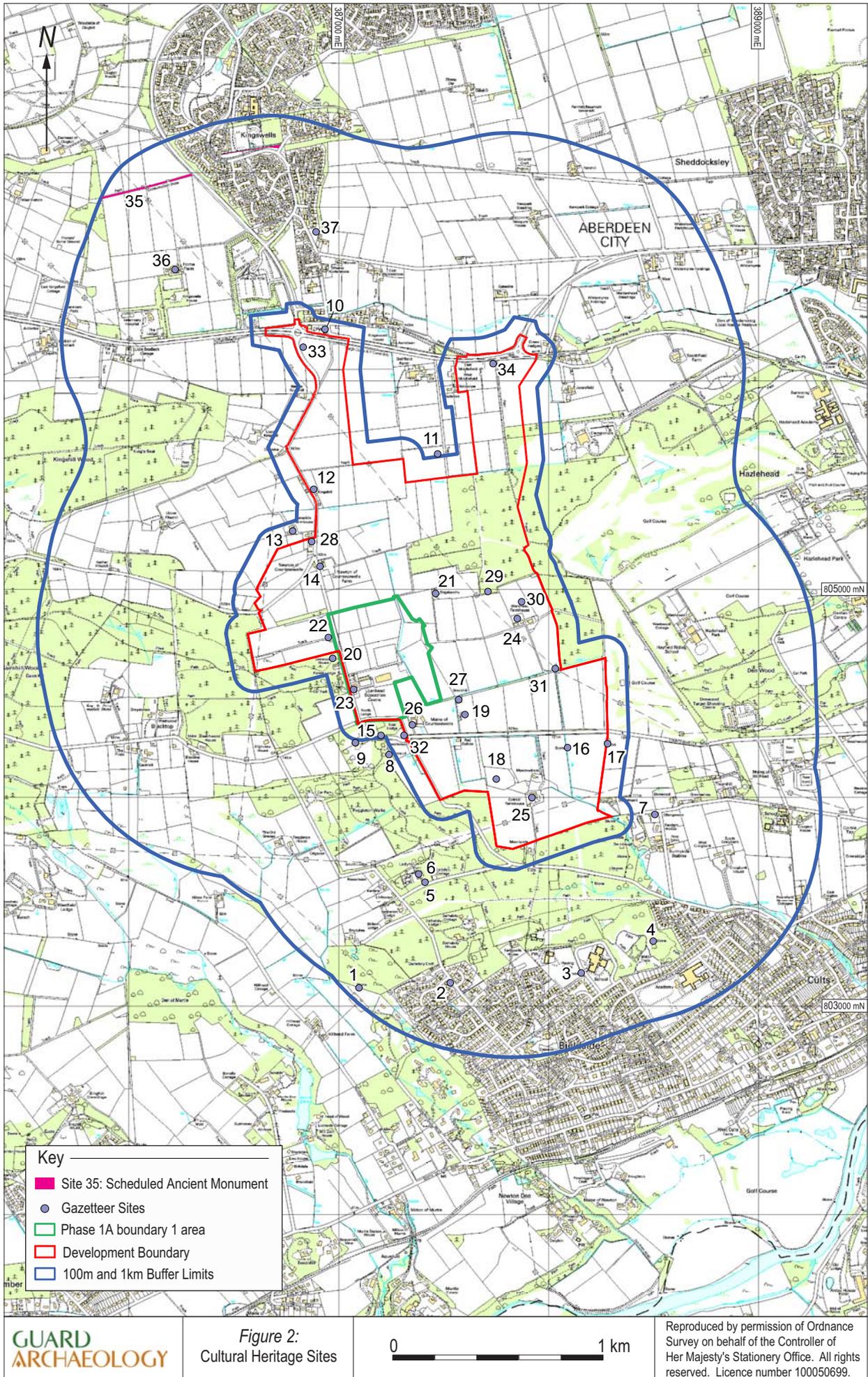
- 2.1 This Written Scheme of Investigation (WSI) sets out the methodology for the archaeological mitigation works that may be required for Phase 1A boundary 1 of the development at Countesswells, Aberdeen (Figure 1). An archaeological evaluation of the development area will be undertaken to establish the presence, extent and nature of any significant archaeological remains. Should significant remains be identified and it is not possible to preserve them *in situ* a further requirement for archaeological works to ensure their preservation through record is likely to be required.
- 2.2 This WSI outlines the programme of archaeological works that may be needed to mitigate the effects of the proposed development. It details the methodology to be employed in implementing the Stage 1 archaeological works. The mitigation methodology to be employed during Stage 2 excavation and Stage 3 post excavation analysis and publication, will be specified in *addenda* to this document. These *addenda*, if required, will be submitted for the approval of the archaeological adviser to Aberdeen City Council prior to the commencement of any archaeological work. All phases of work will be funded by the developer as required by the Planning Authority.

## Site Location

- 3.1 The 20.6 ha Phase 1A boundary 1 area is located 7 km west of Aberdeen City Centre (centred NGR: NJ 87472 04755; Figure 1). The development area is currently predominantly farmland with an area utilised for forestry towards the north-east extent. The height varies between 135 m OD in the south, rising to 155 m OD in the north of the development area.

## Archaeological Background

- 4.1 A cultural heritage environmental impact assessment was previously undertaken by GUARD Archaeology Limited of the overall Countesswells development area. The assessment, which included a walkover survey, identified a total of 37 cultural heritage sites within the study area. The whole proposed development area contains 19 sites of cultural heritage interest. A further 6 sites were recorded within 100 m of the development area boundary and another 12 statutory designated sites, comprising Schedule Monuments and B listed and C listed buildings, were recorded within 1 km of the development area boundary. The details of all sites can be found in the gazetteer in Appendix A. The locations of all recorded cultural heritage sites within the study area are illustrated on Figure 2.
- 4.2 There is one known prehistoric site (Site 24), a cairn located to the immediate north of Wardhead Farmhouse. The site comprises of a small mound of stones and boulders measuring 1.22 m high. No specific date has been given to this site and it has to be considered that it may be a clearance cairn. However, it has been noted that a head has been carved into one of the stones and the significance of this has resulted in it being deemed to potentially be prehistoric in date.
- 4.3 The bulk of the cultural heritage sites identified during the assessment relate to the Post-Medieval and Early Modern period.
- 4.4 While no previous archaeological investigations have been recorded within the development area, the impact assessment indicated potential, albeit low, for buried and unknown archaeological remains to survive within Area 1A boundary 1 development area.



## Aims, Objectives and Scope

- 5.1 The aim of the archaeological evaluation is to identify:
- as yet unknown archaeological features and deposits within the Phase 1A 1 development area;
  - to ensure that any surviving archaeological remains, encountered during the evaluation within the development area, are recorded to an appropriate level.
- 5.2 The objectives are therefore to:
- Conduct an archaeological evaluation within the Phase 1A 1 development area to establish the presence or absence of any archaeological remains, and their character, date and extent if surviving;
  - Submit a report to data structure level for approval to the archaeological adviser to Aberdeen City Council, on completion of the archaeological fieldwork, which includes an outline of the scope of any further excavation works should any significant archaeology be encountered.
- 5.3 The scope of the archaeological works will establish:
- that if the archaeological evaluation encounters no significant archaeological remains within the Phase 1A 1 development area, no further archaeological fieldwork will be required within that specific area.

## Fieldwork Methodology

- 6.1 The programme of archaeological works will commence with a photographic record (general shots) of the ground immediately prior to trenching, which will comprise a 7% evaluation of the 14.375 ha undisturbed part of the Phase 1A1 development area (i.e. excluding service buffer zones). This equates to 10,062 m<sup>2</sup> or 5,031.25 linear metres of trench, each measuring 2 m wide (100 x 50 m trenches and 1 x 31 m trench; Figure 1).
- 6.2 All trenches will be excavated by two mechanical excavators working concurrently, each utilizing a c 2 m wide flat-bladed (toothless) ditching bucket under the direct supervision of GUARD archaeologists, down to the first archaeological horizon or to natural subsoil, whichever is encountered first. The depth of stratigraphy apparent in all trenches will be recorded.
- 6.3 Any archaeological features encountered will be cleaned by hand by the on-site Archaeologists to determine their character and extent. Should negative-cut features be encountered, a representative sample will be 25-50% excavated in order to determine their significance, date and function. All on-site recording, written, drawn and photographic, will be to the standards normally pertaining in archaeological fieldwork and to ClfA standards. A full record of excavated features will be made using a single context recording system using pro forma sheets, drawings and photographs. All archaeological features will be photographed and recorded at an appropriate scale. Sections will be drawn at 1:10, and plans at 1:20. All evaluation trenches will be accurately surveyed using a sub-metre GPS and located within the National Grid.
- 6.4 All archaeological finds will be dealt with by the on-site Archaeologists. Finds and animal bone will be collected as bulk samples by context. Significant small finds will be three dimensionally located prior to collection. All finds will be processed to MAP2 type standards and subject to appropriate specialist assessment. If necessary, conservation of finds will be appraised to allow for specialist study.
- 6.5 All excavated feature fills and horizons will be sampled as appropriate, using bulk soil samples, for palaeo-environmental evidence.
- 6.6 A representative section will be recorded denoting depth of topsoil, any stratigraphy present and the nature of the soil. This information will be logged in the day book together with a sketch drawn to scale and a photographic record of deposits.
- 6.7 Should human remains be revealed by the excavation, the local police, the client and the archaeological adviser to Aberdeen City Council will be informed immediately. Any human remains

will be accurately recorded, but left *in situ*, pending the agreement of the police, the client and the archaeological adviser to Aberdeen City Council on an appropriate mitigation strategy.

- 6.8 Should significant archaeological remains be encountered by the evaluation, requiring more than the limited evaluation outlined above, the remains will be largely left *in situ* pending the agreement of the client and the archaeological adviser to Aberdeen City Council on a WSI addenda for an appropriate scope of excavation (Stage 2) and Post-excavation design including scope of finds analysis and publication (Stage 3).
- 6.9 On completion of the recording of the evaluation trenches, the backfilling of trenches will be undertaken by machine. No specialist backfilling is proposed, nor will the backfilling of trenches be supervised by the on-site archaeologists.

## Report Preparation and Contents

- 7.1 A report detailing the results of the archaeological fieldwork will be submitted to the client within two weeks of completion of fieldwork and, subject to client approval, then submitted to the archaeological adviser to Aberdeen City Council. The report will take the form of a Data Structure Report and will contain an analysis of the results of the evaluation. The report will include a full descriptive text that will characterise the date and extent of any archaeological deposits. It will also include plans at an appropriate scale showing the area subjected to ground-breaking works, evaluation trenches, archaeological features and archiving lists of all finds, samples, field drawings and photographs.
- 7.2 If appropriate, the report will also include an addendum to this WSI for further archaeological fieldwork, should significant archaeology have been encountered.
- 7.3 The report will include the following:
- executive summary;
  - a site location plan to at least 1:10,000 scale with at least an 8 figure central grid reference;
  - OASIS reference number; unique site code;
  - Planning application number;
  - contractor's details including date work carried out;
  - nature and extent of the proposed development, including developer/client details;
  - description of the site history, location and geology;
  - a site plan to a suitable scale and tied into the national grid so that features can be correctly orientated;
  - discussion of the results of field work;
  - context & feature descriptions;
  - features, number and class of artefacts, spot dating & scientific dating of significant finds presented in tabular format;
  - plans and section drawings of the features drawn at a suitable scale;
  - initial assessment of relevant finds/samples if appropriate;
  - recommendations regarding the need for, and scope of, any further archaeological work such as excavation (Stage 2) and Post-excavation finds analysis, conservation & publication (Stage 3);
  - bibliography.
- 7.4 An appropriate number of hard copies and digital pdf copies of the report will be prepared for the client and sent to the archaeological adviser to Aberdeen City Council for agreement.
- 7.5 The report will be presented in an ordered state and bound within a protective cover/sleeve. The report will be page numbered and supplemented with section numbering for ease of reference.

## Copyright

- 8.1 Unless otherwise agreed copyright for any report resulting from the archaeological work undertaken as part of the project will be deemed the intellectual property of GUARD Archaeology Ltd.

## Publication

- 9.1 A summary of the project results will be submitted to *Discovery and Excavation in Scotland*. In the event of minor archaeological remains being encountered during the archaeological fieldwork, it is proposed that a comprehensive report submitted to *Discovery and Excavation in Scotland*, will form the final publication of the site. A copy of this will be included in the Data Structure Report.

## Archive

- 10.1 The archive for the project, including a copy of the report, will be submitted to the National Monuments Records for Scotland within three months of completion of all relevant work.
- 10.2 The online OASIS form at <http://ads.ahds.ac.uk/project/oasis/> will be completed within 3 months of completion of the work. Once the Data Structure Report has become a public document by submission to or incorporation into the SMR, the archaeological adviser to Aberdeen City Council will validate the OASIS form thus placing the information into the public domain on the OASIS website.

## Finds Disposal

- 11.1 The arrangement for the final disposal of any finds made in connection with the archaeological work, will be deposited in keeping with Scottish legal requirements as set out in the Treasure Trove Code of Practice published by the Scottish Government in December 2008. The laws relating to Treasure Trove and *Bona Vacantia* in Scotland apply to all finds where the original owner cannot be identified. This includes all material recovered during archaeological fieldwork. Accordingly, all assemblages recovered from archaeological fieldwork are claimed automatically by the Crown and must be reported to the Scottish Archaeological Finds Allocation Panel through its secretariat, the Treasure Trove Unit. In the event of the discovery of small finds, a filled-out copy of the form "Declaration of an Archaeological Assemblage from Fieldwork" and two copies of the pertinent Data Structure Report will be submitted to the Panel at the conclusion of the fieldwork. The Panel will then be responsible for recommending to the Queen's and Lord Treasurer's Remembrancer which museum should be allocated the finds. All artefacts will be temporarily stored by GUARD Archaeology until a decision has been made by the panel.

## Personnel and Liaison

- 12.1 The GUARD team will include the following qualified and experienced GUARD archaeologists:
- Project Manager: Mr Warren Bailie
  - Project Director (on-site Archaeologist): Maureen Kilpatrick
  - Project Officer (on-site Archaeologist): Beth Spence
  - Survey Officer (on-site Archaeologist): Fiona Jackson
  - Assistant Archaeologists (on-site Archaeologists): tbc
  - Finds and Environmental Support and Conservation: Aileen Maule
  - Illustrator: Fiona Jackson
  - Quality Assurance: Ronan Toolis
- 12.2 The GUARD Project Manager, Mr Warren Bailie, will be the point of contact for the archaeological works. A full CV for individuals concerned can be made available on request.

## Monitoring

- 13.1 The proposed start date for the archaeological fieldwork is Wednesday 11 February 2015. The archaeological adviser to Aberdeen City Council has been given over one week's notice prior to the commencement of fieldwork. The archaeological adviser to Aberdeen City Council and the client will be informed of the site mobile phone number prior to the start date so that monitoring visits can be arranged. It is estimated that the evaluation of 7% of the Phase 1A 1 development area will take 5-6 days to complete with a further 3 days required for the unsupervised backfilling of trenches.

## Health & Safety and Insurance

- 14.1 GUARD Archaeology Ltd adheres to the guidelines and standards prescribed for archaeological fieldwork set down by the Chartered Institute for (CIfA). It is standard GUARD policy, prior to any fieldwork project commencing, to conduct a risk assessment and to prepare a project safety plan, the prescriptions of which will be strictly followed for the duration of all archaeological fieldwork and are set out below.
- 14.2 GUARD Archaeology Ltd also possesses all necessary insurance cover, proofs of which may be supplied upon request.

## Risk Assessment

<b>Project No:</b> 3888	<b>Project Management Team:</b> GUARD
<b>Site Location:</b> Countesswells, Aberdeen	<b>Project Manager:</b> Warren Bailie
	<b>Project Director:</b> Maureen Kilpatrick
	<b>Other Team Members:</b> Beth Spence
	<b>Site Contact No:</b> 07900 698828
	<b>GUARD Office Contact No:</b> 0141 445 8800

<b>Dates when fieldwork will take place:</b>	11-18 February 2015 (18-20 February 2015 backfilling)
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<b>Owner/Developer:</b> Stewart Milne Construction
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<b>Brief Description of Project:</b> Archaeological Evaluation Trenches
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### Standard Procedures

**Emergency Procedures:** There will be a mobile phone on site to ensure communication with emergency services if required. The GUARD Archaeology office will have contact details for all staff in the field.

In case of emergency, 999 will be dialled and the appropriate service requested.

The closest A&E department is located at:

Aberdeen Royal Infirmary  
Foresterhill Road  
Ashgrove Road West  
Aberdeen  
AB25 2ZL  
Telephone No: 0845 456 6000

- Health & Safety Induction: All personnel will receive health & safety induction on their first day on site.
- PPE provided: PPE will consist of a minimum of hard hat, safety boots, high visibility vest and eye protection. Additional PPE (dust mask, ear defenders etc) will be available as required.
- First Aid: A First Aid kit will be available in the vehicle.
- Welfare provision:
- Good Housekeeping: The site and vehicle will be kept tidy. Access routes will be kept clear of tools and equipment. Rubbish, including biodegradable materials, will be properly disposed of.
- Environmental concerns: As far as can be ascertained, there are no safety or environmental issues over proximity to water courses, trees & habitat, wildlife or notifiable species on this site. Drainage ditches will be avoided during excavation work.

**Underground and overhead services - Checklist**

**If overhead power lines are located within or on the boundaries of the development site the following precautions must be taken; if in doubt check with GUARD Archaeology manager.**

- Do **NOT** trench underneath power lines with a machine
- Determine whether the machine has to pass under the power lines - is there an alternative route?
- Determine the safe height/clearance for the machine to pass under the power lines – check in advance with the power company if possible. For steel pylons the safe clearance height is approximately 7m
- If there is adequate height supervise the machine as it passes under the cables and ensure that the bucket/arm is as low as possible.
- Do NOT excavate within 15 m of a steel pylon line or 9 m from a wooden pole line and always ensure that the machine is working away from the cables – if necessary mark the 15/9m limit with hazard tape.
- Do NOT excavate within 20 m of the foundations of pylons.
- Do NOT dump spoil underneath or close to the cables as this reduces the height/clearance
- Do NOT carry ladders, ranging rods, scaffolding poles close to or underneath the cables

**Underground Services**

- Check services plans before starting
- Use cable detecting equipment (CAT Scanner and Genny) for all trenches
- If in doubt hand dig to locate services before using machine

**Plant/Machine Driver's Name and Certificate Number:** -

<b>Common Hazards/Risks</b>	<b>Persons At Risk</b>	<b>Current Controls</b>	<b>Action Required</b>
Site Access/travel/Security:	All	Allow adequate time for travel to/from site.	Assess site on arrival and take appropriate safety measures entering and exiting all project vehicles.
Hazardous Substances:	All	None known	Any substances to be reported to the client and appropriate measures taken.

Common Hazards/Risks	Persons At Risk	Current Controls	Action Required
Underground/Overhead Services:	All	<p>Service plans have been provided by the client. The location of services and trenches will be pre-programmed into survey equipment. Survey data will be used to mark the trenches and service buffer edges on the ground.</p> <p>Excavations will avoid all services and will not proceed without initial CAT scanning.</p> <p>Plant may have to track below overhead power lines during access to site. It will be monitored during this and will keep the arm sufficiently low to avoid contact and arcing. Appropriate buffer zones either side of all cables will be maintained.</p> <p>CAT scanning will also be carried out periodically as each trench is reduced.</p> <p>The private water supply risk assessment has been supplied by the client.</p> <p>A visual inspection pre-works will be carried out to identify any possible service features.</p>	<p>A CAT scan will be used prior to any excavations taking place as a precaution.</p> <p>In all cases the private resident will be consulted on the location of any potential services at risk around their property, to include septic tanks, private water supply etc.</p>
Work at Heights/Risk of falling (objects or people):	GUARD staff and other personnel	There will be no working at heights.	Keep trench edges clean and tidy.
Confined Spaces:	None	There will be no working in confined spaces.	N/A
Hand/Power Tools:	GUARD staff and other personnel	Only hand tools will be used	Site personnel will be instructed in/reminded of safe working practices and handling techniques for these tools. Tools will be inspected before use.

<b>Common Hazards/Risks</b>	<b>Persons At Risk</b>	<b>Current Controls</b>	<b>Action Required</b>
Fire:	All	Minimum fire risk as working outside.	In the event of fire all personnel should evacuate the site and the fire brigade will be called (999).
Vehicles/Mechanical Plant/Equipment:	GUARD staff	GUARD staff will use a GUARD vehicle, or hire vehicle, that is regularly maintained.  The movement of plant across the site will be supervised by GUARD staff at all times.	Any faults with vehicles will be notified to GUARD Office immediately.
Environmental Hazards: (eg noise, dust, weather, animals)	GUARD staff and other personnel	Adverse weather is a likely hazard.  Site personnel will be reminded of the necessity of wearing layers of warm, waterproof clothing and of keeping hydrated. Any signs of hypothermia will be treated according to standard first aid procedures.  However unlikely, a suncream suitable for the conditions should also be considered.	The vehicle will be used for shelter if required.  Eye wash will be kept close at hand in the event of dust/grit in eyes, and safety goggles will be available should conditions require them.
Slips/Trips/Falls:	GUARD staff and other personnel	These are among the most likely risks on site. Personnel will be walking across uneven surfaces which are prevalent on site.  There may be a public presence considering the proximity to a public footpath, access to excavations will be restricted to authorised personnel only.	Personnel will be expected to take reasonable care in moving around.  Access to the general public will be restricted.
Electricity:	All	All excavations will avoid all live services.	A CAT machine will be used prior to excavating any trenches.

<b>Assessed by (Project Manager) Warren Bailie</b>	<b>Date: 4/2/2015</b>
<b>Checked by (H&amp;S Manager) .....Bob Will.....</b>	<b>Date: 5/2/2015</b>
<b>This Risk Assessment form has been developed by GUARD Archaeology Ltd to ensure safe working conditions on site</b>	

I, the undersigned, hereby declare that I have received a health and safety induction in advance of beginning work on this archaeological project, and that I have read and understood the Risk Assessment/project safety plan.

**To be signed by ALL field staff and a copy returned to the GUARD Archaeology Ltd Office**

<b>Name (Print)</b>	<b>Name (Sign)</b>	<b>Date</b>
Maureen Kilpatrick		



## Appendices

### Appendix A: Cultural Heritage Gazetteer

#### Gazetteer of Cultural Heritage Features within the Proposed Development and the Surrounding Study Area

Site No:	1
NGR:	NJ 87096 03087
Name:	Dalmuinzie Farm Boundary Marker Stone 16
NMRS No:	NJ80SE 50
HBNUM:	15740 (B Listed)
Significance:	Regional
Description:	This stone is marked ABD 16, comprising of a simple granite stone tapered at top with cup-marked stone, located in a belt of trees behind the gardener's cottage at Dalmuinzie, adjoining Foggieton Muir. It stands near the post-1790 boundary stone, which bears the legend 'ABD 16'. Noted on the 1 <sup>st</sup> edition Ordnance Survey map (Aberdeenshire, Sheet LXXXV, 1869, 1:10560). This granite boundary stone is situated in rough ground at the edge of a modern housing estate. Rectangular in section, it measures 0.29 m in breadth by 0.16 m in thickness and 0.65 m in height. The top of the NNE face is bevelled and bears the incised letters ABD below the number 16. The upper surface of a large granite boulder immediately to the west of the stone bears a single cup-shaped depression measuring 90 mm in diameter and 40 mm in depth.
Site No:	2
NGR:	NJ 87531 03111
Name:	Bailliewells Farm Boundary Marker 15
NMRS No:	NJ80SE 49
HBNUM:	15739 (B Listed)
Significance:	Regional
Description:	A simple granite stone, marked ABD 15, tapered at top. It is located in a field north of Bailliewells Farm and beside four dressed stones marked 1-4 which mark the springs of Cults Water supply. There was a cup-marked boundary stone (noted in 1525) here in 1889, but it has since disappeared. This granite boundary stone has been moved in recent years and its present position lies about 35 m NE of that shown on the 1:10,560 map (1974), on the western verge of Baillieswells Road. Rectangular in section, the stone measures 0.28 m in breadth by 0.17 m in thickness and 0.76 m in height. The top of its southern face is bevelled and bears the incised letters ABD below the number 15. The original site of the boundary marker now lies in a housing development and nothing is now visible of the cup-marked boulder bearing a single large cup-mark, which once accompanied the boundary stone, or the four dressed stones that marked the springs of the Cults water supply.

Site No: 3  
 NGR: NJ 88155 03159  
 Name: Hillhead Farm Boundary Marker 14  
 NMRS No: NJ80SE 19  
 HBNUM: 15738 (B Listed)  
 Significance: Regional  
 Description: On the farm of Hillhead of Cults, north-west of the farm buildings at the edge of a field, there is a stone bearing a cup-mark, one of the original boundary stones, established by 1698, of the Freedom Lands of Aberdeen. Near it stands the post-1790 boundary stone, which bears the legend 'A B D 14'. This granite boundary stone is situated on the south western verge of the public road that passes the western side of Cults Primary School. Rectangular in section, it measures 0.33 m in breadth by 0.18 m in thickness and 0.54 m in height. The top of the north face is bevelled and bears the incised letters ABD below the number 14. Immediately south of the stone is a small earthfast boulder, which measures 0.38m by 0.35 m transversely and about 0.3 m in height. On its sloping northern face there is a cup-shaped depression measuring up to 80 mm in diameter, but the other three holes noted in 1525. Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as B.S (Boundary Stone). During the walkover survey this boundary stone was located further north than indicated, adjacent to the school playing fields. The stone is half buried though it appears that someone has cleared the front of the stone that bears ABD 14.

Site No: 4  
 NGR: NJ 88498 03312  
 Name: Mains of Cults Boundary Marker 13  
 NMRS No: NJ80SE 48  
 HBNUM: 15737 (B Listed)  
 Significance: Regional  
 Description: Located on top of a plinth in a quarry north west of Mains of Cults is a boundary stone marked 13 ABD. A description of 1525 notes the boundary running to 'ane gret grey stane standand on the top of the Blak Hill of the Queyltis (Cults)'; and a large cup-marked boundary stone is noted in 1698. This finely-dressed granite boundary stone is a modern replacement for an earlier stone, which was lost some years ago when it was accidentally tipped into Cults Quarry. The modern stone measures 0.3m in breadth by 0.18m in thickness and 0.85m in height. The top of its SSW face is bevelled and bears the incised letters ABD above the number 13. Nothing can now be seen of either the possible standing stone that may have originally marked the line of the march, or the cup-marked stone bearing a single large cup-mark that once accompanied the stone that is now lost. Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as B.S.

- Site No: 5  
NGR: NJ 87401 03594  
Name: Ladyhill House Lodge  
NMRS No: NJ80SE 86.1  
HBNUM: 15694 (B Listed)  
Significance: Regional  
Description: This lodge was built by A. Marshall Mackenzie 1912/20 and comprises of a single-storey and broad eaved mansard attic lodge built to match Ladyhill house (Site 6). The gate piers comprise of 1/3-length R doric columns. During the walkover it was noted that the lodge is in excellent condition.
- Site No: 6  
NGR: NJ 87380 03634  
Name: Ladyhill House  
NMRS No: NJ80SE 86  
HBNUM: 15693 (B Listed)  
Significance: Regional  
Description: A. Marshall Mackenzie built Ladyhill House in 1912 for himself. The house comprised of a single-storey structure with broad-eaved mansard attic with consoled-dormers of varied shape and original design. Centre entrance bow with concave sided 3/8 R-doric penstyle.
- Site No: 7  
NGR: NJ 88505 03919  
Name: Ellengowan  
NMRS No: NJ80SE 193  
HBNUM: 15735 (B Listed)  
Significance: Regional  
Description: This house was constructed circa 1835. Comprising of a single-storey basement and dormerless attic, 2-window and centre door ashlar front. 3-window gables, with 3 round arched windows at attic; broad eaved roof; fine anta-plastered entrance hall with groin vaulted ceiling. Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXV, 1869, 1:10560) as Ellengowan, comprising a roofed L-shaped structure and a small roofed structure.
- Site No: 8  
NGR: NJ 87238 04207  
Name: Countesswells House Dovecot  
NMRS No: NJ80SE 56.1  
HBNUM: 15748 (C(s) Listed)  
Significance: Local  
Description: This dovecot dates to the 18th century (slightly later than 1700). It is a circular type with chamfered doorway; rat course; tile boxes on arched brick base. In 1908 it was noted that the conical roof was destroyed by windblown timber. It is of rubble masonry, stands about 6 m high to the wall-head, and is about 4.3 m in diameter. In 1961 it was noted that the roof had collapsed into the interior. The entrance, which is on the SSW, is framed by dressed stones and the jambs and lintel are chamfered. Above the doorway, immediately above the rat-ledge, there is an ogee window, and the conical roof has evidently been repaired since the last visit by the Ordnance Survey in 1961. Noted on the 1<sup>st</sup> edition Ordnance Survey Map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Dove Cot. During the walkover survey it was noted that this site is in moderate condition although roofless.

- Site No: 9  
 NGR: NJ 87078 04264  
 Name: Countesswells House  
 NMRS No: NJ80SE 56  
 HBNUM: 15747 (B Listed)  
 Significance: Regional  
 Description: This is a small mansion house of complex plan with the northern part probably the oldest, early 18th century, 2-storey and basement parallel main block added c. 1750 quoined 5-window front, centre bay, 3 storey projecting with shaped gable. (Wooden doorpiece and stops c. 1835) forming U-plan open to east. Northern wing internally remodelled and 3-storey block with canted bay inserted in court in early 19th century; west wing added 1890. Rubble built, partly harled. Interior work largely original. Front part probably built by Alexander Livingston who bought the property in 1750. Noted on Roys Military Map as Countesswell, comprising of a cluster of five roofed buildings with another cluster of four roofed buildings to the west associated with cultivated fields and three enclosures. Noted on the 1<sup>st</sup> edition Ordnance Survey Map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) comprising of a large squarish roofed structure at the western end of a long tree lined avenue, associated with four roofed structures, one L-shaped and three rectilinear.
- Site No: 10  
 NGR: NJ 86933 06249  
 Name: Kingswells Church  
 NMRS No: NJ80NE 75  
 HBNUM: 15683 (C(s) Listed)  
 Significance: Local  
 Description: This Church of Scotland church was designed by John Hay (J.J.M. and W.H. Hay of Liverpool) 1857-8. Gothic Boulder rubble rectangle with bellcote, porch and single transeptal feature; rock-faced dressings; simple distinctive treatment. Noted on the 1<sup>st</sup> edition Ordnance Survey Map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Kingswells Free Church, comprising of a roofed rectilinear structure.
- Site No: 11  
 NGR: NJ 87470 05650  
 Name: Maryfield Farmstead (demolished)  
 SMR No: 2219  
 Significance: Lesser  
 Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Maryfield, comprising of a roofed rectilinear structure. During the walkover survey it was noted that this site has been demolished and at its location there is a large pile of rubble. This site was noted on the 1946 Aerial Photographs.

Site No: 12  
NGR: NJ 86880 05480  
Name: Kingshill Farmstead  
SMR No: 2220  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Kingshill, comprising two roofed L-shaped structures.

Site No: 13  
NGR: NJ 86780 05280  
Name: Longside Farm  
NMRS No. NJ80NE 176  
SMR No: 2227  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Longside, comprising of one roofed L-shaped structure and four roofed rectilinear structures.

Site No: 14  
NGR: NJ 86910 05110  
Name: Newton of Countesswells Farm  
NMRS No. NJ80NE 177  
SMR No: 2228  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Newton of Countesswells, comprising of a roofed L-shaped structure, a roofed T-shaped structure, two rectilinear structures, a small square structure and well.

Site No: 15  
NGR: NJ 87200 04300  
Name: Countesswells House Stables  
SMR No: 148  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as two roofed structures, one L-shaped and one rectilinear, possible stable block.

Site No: 16  
 NGR: NJ 88090 04240  
 Name: Colthill Boundary Stone  
 NMRS No. NJ80SE 131  
 SMR No: 489, 490  
 Significance: Local  
 Description: This stone is situated on the boundary between the parishes of Peterculter and Aberdeen. This granite boundary stone, which is situated at the edge of a cultivated field about 155 m north-east of Colthill farmsteading, marks the former limits of Aberdeen City. Rectangular in section, the stone measures 0.32 m from N to S by 0.27 m transversely and 0.45 m in height; the edges of the flat top are rounded on the northern and southern faces, and on its eastern face there are the incised initials ACB, standing for Aberdeen City or Constituency Boundary. The stone is not depicted on either the 1<sup>st</sup> or 2<sup>nd</sup> edition of the Ordnance Survey map (Aberdeenshire 1869, sheet LXXXV; 1902, sheet LXXXV.NE, 1:10560), but it is shown on the 1:10;560 map (1974).

Site No: 17  
 NGR: NJ 88280 04260  
 Name: Colthill Oak Tree  
 SMR No: 501  
 Significance: Lesser  
 Description: During the walkover survey the location of this site was visited; however nothing was noted.

Site No: 18  
 NGR: NJ 87750 04090  
 Name: Countesswells Reservoir  
 SMR No: 895  
 Significance: Lesser  
 Description: Noted as Reservoir (Cults Water Works) on the 2<sup>nd</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXI.SE, 1901, 1:10560). During the walkover survey it was noted that there is no direct access to this site. It was noted that the site is surrounded by a stonewall and the interior appears to be over grown. A local resident informed us that the reservoir is underground and believed to be no longer in use.

Site No: 19  
 NGR: NJ 87600 04400  
 Name: Mains of Countesswells Consumption Dyke  
 SMR No: 1759  
 Significance: Local  
 Description: The consumption dyke runs north-south and is located to the south-east of Broomhill (**Site 27**). The dyke comprises of a drystone constructed wall standing about 1 m high in moderate condition.

Site No: 20  
 NGR: NJ 86970 04670  
 Name: Countesswells Rig  
 SMR No: 1874  
 Significance: Unknown  
 Description: No description in the SMR.

- Site No: 21  
NGR: NJ 87460 04980  
Name: Bogskeathy farm  
SMR No: 2229  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Bogskeathy, comprising of a roofed L-shaped structure and two rectilinear structure with an associated pond and sluice to the west. During the walkover survey it was noted that this site has been redeveloped and may have partially incorporated part of the original structure. There are ruinous structural remains on the eastern side of the house.
- Site No: 22  
NGR: NJ 86950 14770  
Name: Bloomfield Farmstead (Demolished)  
SMR No: 2230  
Significance: Lesser  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Bloomfield, comprising of a roofed rectilinear structure. During the walkover survey it was noted that this site has been demolished and there are no surviving traces of this site.
- Site No: 23  
NGR: NJ 87070 04520  
Name: Loanhead farm  
SMR No: 2231  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Loanhead, comprising of two L-shaped structures. During the walkover survey it was noted that Loanhead farm is now an equestrian centre.
- Site No: 24  
NGR: NJ 87850 04860  
Name: Wardhead Farmhouse Cairn  
SMR No: 321  
Significance: Local  
Description: The cairn at Wardhead Farm is a small mound of stone and boulders, about 4 feet high and a head has been carved onto one of the stones.
- Site No: 25  
NGR: NJ 87920 04000  
Name: Colthill Farm  
NMRS No: NJ80SE 196  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeen shire, sheet LXXXV, 1869, 1:10560) as Colthill, comprising of a large roofed L-shaped roofed structure and roofed rectilinear structure. During the walkover survey Colthill farmhouse was found to be in excellent condition with the large L-shaped structure still in use and a stable block to the immediate north of the main house.

Site No: 26  
 NGR: NJ 87350 04350  
 Name: Mains of Countesswells Farmhouse  
 NMRS No: NJ80SE 56.2  
 Significance: Local  
 Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Mains of Countesswells, comprising of a large roofed U-shaped structure, two small roofed structures and a sluice.

Site No: 27  
 NGR: NJ 87570 04470  
 Name: Mains of Countesswells Cottages (Broomhill)  
 NMRS No: NJ80SE 56.3  
 Significance: Local  
 Description: Not noted on the 1<sup>st</sup> or 2<sup>nd</sup> edition Ordnance Survey maps (Aberdeen shire, sheet LXXIV, 1869, 1901). Now called Broomhill.

Site No: 28  
 NGR: NJ 86870 05230  
 Name: Newton Cottage  
 NMRS No: NJ80NE 17701  
 Significance: Unknown  
 Description: No description in NMRS.

Site No: 29  
 NGR: NJ 87710 04990  
 Name: Wardhead Rig  
 SMR No: NJ90NW 1000  
 Significance: Local  
 Description: A small area of rig-and-furrow is visible in mature woodland about 190 m north-west of Wardhead farmsteading (Site 30). The rigs, which measure about 4 m in breadth and are aligned roughly north-east and south-west, probably once extended into the cultivated field to the south. During the walkover survey it was noted that this site is located within established woodland. Indications of rig were noted.

Site No: 30  
 NGR: NJ 87870 04940  
 Name: Wardhead Farm  
 NMRS No: NJ80SE 91  
 Significance: Local  
 Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as Wardhead, comprising of two roofed L-shaped structures and two small rectilinear structures. Noted in the SMR as Denhead, no site called Denhead at this location only Wardhead. During the walkover survey it was noted that the roofless remains of one of the L-shaped structures still stands to roof height to the east of the Wardhead farmhouse.

- Site No: 31  
NGR: NJ 88030 04620  
Name: Wardhead Boundary Stone (Missing)  
NMRS No: NJ80SE 130  
Significance: Unknown  
Description: This stone was situated on the boundary between the parishes of Peterculter and Aberdeen. In 2002 this boundary stone was not located and its site lies in an area heavily overgrown with gorse. The stone is not depicted on either the 1<sup>st</sup> or 2<sup>nd</sup> edition of the Ordnance Survey map (Aberdeenshire 1869, sheet LXXXV; 1902, sheet LXXXV.NE, 1:10560), but it is shown on the 1:10;560 map (1974). It is likely that the stone marked the Aberdeen City boundary and is similar to other stones in the series that bear the incised initials ACB. Not located during the walkover survey.
- Site No: 32  
NGR: NJ 87310 04300  
Name: Countesswells House East Lodge  
NMRS No: NJ80SE 56.5  
Significance: Local  
Description: Noted on the 1<sup>st</sup> edition Ordnance Survey map (Aberdeenshire, sheet LXXIV, 1869, 1:10560) as a roofed square-ish structure oriented east-west. During the walkover it was noted that the lodge is a single storey structure with extension into the attic and has an extension to the rear of the property.
- Site No: 33  
NGR: NJ 8686 0616  
Name: Woodside Croft  
NMRS No: NJ80NE 163  
Significance: Lesser  
Description: Nothing is now visible of the steading of this croft, which stood in what is now a cultivated field about 90m south-west of the church (Site 10) at Kingswells. As depicted on the 1st edition of the OS 6-inch map (Aberdeenshire, 1869, sheet lxxiv), the steading comprised an L-plan range with its open side facing south-west and two small structures immediately to the east. Only the north wing of the range is depicted on the 2nd edition of the map (1901, sheet lxxiv.SE).
- Site No: 34  
NGR: NJ 8774 0610  
Name: East Middlefield Boundary Stone  
NMRS No: NJ80NE 164  
Significance: Unknown  
Description: This boundary stone, which is first depicted on the 1:10,000 map (1987), may have been removed when the adjacent A944 public road was widened and realigned.

Site No: 35  
 NGR: NJ 8587 0687 to 8629 0699 and NJ 8644 0709 to 8672 0713  
 Name: Broad Dyke & East Dyke, Kingswells Consumption Dykes  
 NMRS No: NJ80NE 17 & NJ80NE 17.02  
 SAM No: 108 (Scheduled Ancient Monument)  
 HBNUM: 15682 (B Listed)  
 Significance: National  
 Description: Created to 'consume' the rocks and boulders littering the unimproved acres of the estate of Kingswells, which Dr Francis Edmonds had acquired in 1854, this is one of the most impressive monuments of agricultural improvements in the north-east. The immense amount of labour that was required to gather the boulders and construct the dyke, 477m long, 10.5m long and 2m high, becomes clear to anyone walking along the paved central path. With steps up at each end and a water-bay in the middle, this has been for long an object of local pride (Shepherd 1986, 58).  
 Scheduled as 'Kingswells, consumption dykes 415m N and 685m NNE of Home Farm [comprising] two separate clearance or consumption dykes dating to the mid-19th century AD. The dykes are visible as six upstanding, deliberately truncated drystone wall sections; the W group is surrounded by cultivated land, woodland and amenity paths; the E group survives among amenity parkland, residential boundaries and scrub woodland. The dykes are located 2km SSE of Brimmond Hill, on the western outskirts of Aberdeen, and... 155m above sea level. The westernmost dyke (known as Broad Dyke) comprises four sections, each of which has dressed terminals that include access steps built into the structure of the dyke. In total, broad dyke measures 440m long by 10m wide and 2m high and is generally oriented WSW-ENE. The easternmost section of the dyke (known as East Dyke) comprises two smaller sections of walling that are roughly oriented E-W. In total this dyke is 290m long by 2m wide (the E end is 14m wide) and 1m high.'

Site No: 36  
 NGR: NJ 86218 06402  
 Name: Kingswells House  
 NMRS No: NJ80NE 14  
 HBNUM: 15681 (B Listed)  
 Significance: Regional  
 Description: The manor house of Kingswells bears the dates 1666 and 1855, and was occupied at the time of Charles II. For a long time the house was ruinous, but was restored in 1854 (Cruickshank 1959, 24). A plain, much-restored mid-17th century building, with 19th century additions on the north, south, and west sides. A stone inscribed '1666 :1713 :1855' is over the main door.  
 Originally rectangular, 2-storey 3-window centre flanked by narrow 1-window wings with shaped jerkin head gables, interior completely recast 1855. An archaeological watching brief was undertaken between 4-11 September 2007 on groundworks associated with the installation of a septic tank, connecting pipework and the construction of a filter mound soakaway. No archaeological features were encountered during sub-surface excavations. What appears to be a well was identified immediately to the west of Kingswells House (Buchanan 2007, 10).

Site No: 37  
NGR: NJ 86892 06717  
Name: Kingswells Old Manse  
NMRS No: NJ80NE 77  
HBNUM: 15686 (C(s) Listed)  
Significance: Local  
Description: Completed 1859. Single storey and attic manse with rear wing, 3 bays to front, wide gable end with 2 windows and broad stacks. Panelled door, 2 piended dormers. Harled with granite dressings. Some interior details remain.

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