



Greenlees Road, Cambuslang Data Structure Report Project 4352

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Greenlees Road, Cambuslang Data Structure Report

On behalf of:	Persimmon Homes
NGR:	NS 6360 5888
Project Number:	4352
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This document has been prepared in accordance with GUARD Archaeology Limited standard operating procedures.

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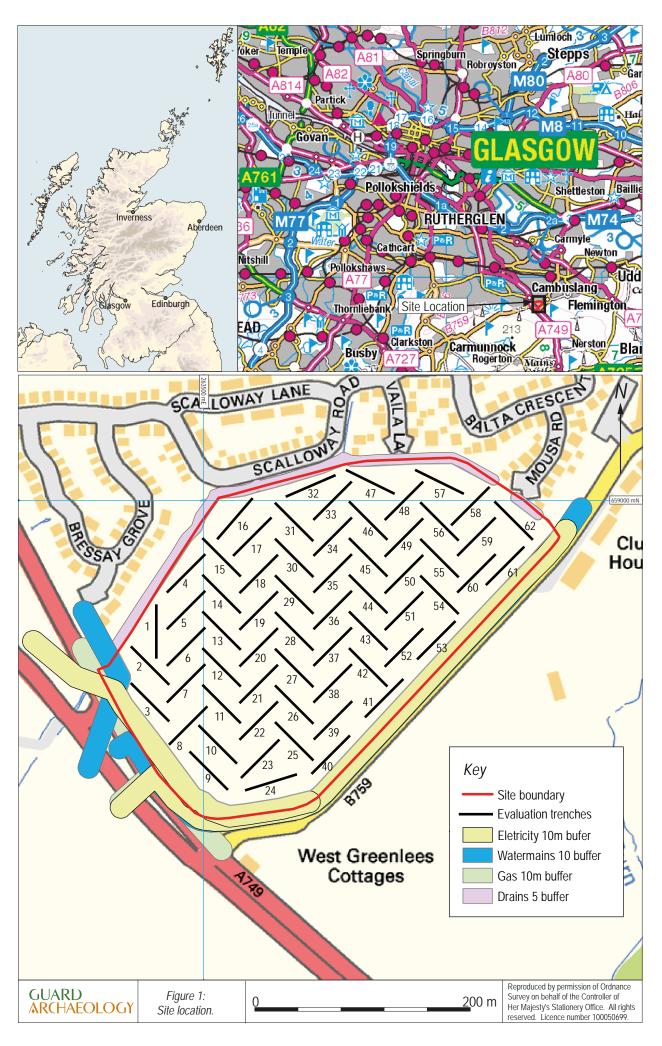


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Executive Summary

1.1 GUARD Archaeology Limited were commissioned by Persimmon Homes to undertake the archaeological evaluation of the area proposed for the construction of new houses and associated infrastructure at Greenlees Road, Cambuslang, South Lanarkshire (Figure 1) (Planning reference CR/14/0193). This work was undertaken between 29thFebruary - 11th of March 2016 and revealed non-significant archaeological features.

Introduction

- 2.1 This report sets out the summary results of the archaeological evaluation undertaken by GUARD Archaeology Limited, on behalf of Persimmon Homes of an area proposed for development at Greenlees Road, Cambuslang South Lanarkshire. No archaeological remains were found on site during the evaluation.
- 2.2 Both the fieldwork and report were conducted following Chartered Institute for Archaeologists (CIFA) guidance (Code of Conduct 2014) and standards (Standard and guidance for archaeological field evaluation 2014) of which GUARD Archaeology Limited is a Registered Organisation. An OASIS entry has also been produced (Reference: guardarc1-245194).

Site Location, Topography and Geology

- 3.1 The site is located to the south of Cambuslang and east of Cathkin on the flanks of Cathkin Braes. The development area is defined by the East Kilbride Road (A749) along its western side and Greenlees Road along the south and east with Kirkhill Golf Club lying beyond. The northern limits are demarcated by an open water course with houses lying beyond. The area of archaeological interest is centred on NS 6360 5888.
- 3.2 The development area is currently open pasture and it consists of undulating fields sloping down from south to north towards the water course. Over most of the site, the bedrock is Limestone Coal Formation while the superficial deposits are Till Devensian, Diamicton (British Geological Survey www.bgs.ac.uk accessed on 08-03-2016).

Archaeological Background

4.1 There are no known archaeological or historical sites present within the proposed development area. However, historic sites are noted within the sites' periphery. To the east of the site, a large factory or industrial works (CANMORE ID 147147) and a colliery (WoSAS HER ID 41007) are recorded. In addition, B & C Listed buildings are noted to the west, north and east of the development area. An evaluation was carried out in April 2013 on the area immediately north of the development but revealed no archaeological features or finds of any significance (CANMORE ID 269393; WoSAS HER ID 1187). Finally, Schedule Monument 'Greenlees Cottages, motte' also known as 'Kirk Burn', is located circa 300 m south-east of the site (SM 3334; WoSAS HER ID 9250).

Aims and Objectives

- 5.1 The aim of the archaeological evaluation was to identify:
 - the presence or absence of as yet unknown archaeological features within the development area;
 - to ensure that any surviving archaeological remains, encountered during the evaluation, were recorded to an appropriate level.



- 5.2 The objectives were therefore to:
 - conduct an 8% (6,194 m2) archaeological evaluation of the 77,431 m2 trenchable area of the proposed development site 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 WoSAS, 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 was to establish:
 - that if the archaeological evaluation encounters no significant archaeological remains, no further archaeological fieldwork will be required for this development.

Methodology

- 6.1 Topsoil was stripped using a mechanical excavator, fitted with a flat-bladed ditching bucket, under close archaeological supervision. The topsoil was removed in linear trenches to the surface of the subsoil. All 62 trenches were 50 m long by 2 m wide. Trenches were located to provide an 8% sample (6,194 m2) of the development area and were arranged in a herring bone pattern (Figure 1).
- 6.2 All on-site recording, written, drawn and photographic, was to the standards of Chartered Institute for Archaeologists (CIfA) guidance (Code of Conduct 2014) and standards (Standard and guidance for archaeological field evaluation 2014). Trenches were surveyed and located within the National Grid using a GPS. Weather conditions for the evaluation were very cold but mostly dry.

Results

- 7.1 During the course of the evaluation 62 trenches were excavated, totalling 6194 square metres, the results of which are set out in Appendix [B]. For the majority of the area trenches revealed a moderately compacted light brown to light grey brown clayish silt topsoil (0.2 to 0.35 m thick), which lay over orangey brown sandy clay or light grey brown/grey silty clay natural subsoil. No features of archaeological significance were encountered in any of the trenches.
- 7.2 During the evaluation a background scatter of artefacts were noted from topsoil deposits across the area, including ceramic and glass fragments, clay pipe stems and metal agricultural tools. None of them was thought to be significant.

Discussion

8.1 During the course of the evaluation no significant archaeological remains or small finds were found. The cartographic evidence of the area demonstrates that the site was not developed and was probably used as pasture land throughout the recent past. The agricultural tools, ceramic, glass and clay pipe fragments recorded as part of the topsoil and probably introduced during night soiling activities together with the presence of field drains and plough marks corroborate this agricultural use of the land.

Recommendations

9.1 The evaluation has shown that no archaeological remains survive within the development area. Consequently it is recommended that no further archaeological work is required in relation to this development.

9.2 GUARD Archaeology would stress that these recommendations are intended for guidance only. While the recommended mitigation strategy was developed following consultation with West of Scotland Archaeology Service (WoSAS) final decisions on the nature and extent of any future archaeological work rest with the planning authority.

Acknowledgements

10.1 GUARD Archaeology would like to thank Kevin Murphy of Persimmon Homes for his assistance. Technical support was from Aileen Maule. The illustrations were produced by Diarmuid O Connor, who also carried out the survey of the trenches. The project was managed for GUARD Archaeology by John Atkinson.



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Section 2: Appendices





Appendices

Appendix A: Bibliography

On-line sources

British Geological Survey www.bgs.ac.uk [accessed on 08-03-2016]

Royal Commission for the Ancient and Historical Monuments of Scotland, Pastmap and Canmore searches www.rchams.gov.uk [accessed on 08-03-2016]

National Library of Scotland digital map collection www.nls.uk [accessed on 09-03-2016]

Appendix B: Trench Details

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
1	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Modern feature.
2	50	2	0.35- 0.45	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
3	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
4	50	2	0.35	Moderately compacted light grey brown clayish silt. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks and modern feature.
5	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
6	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Plough marks and field drains.



Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
7	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks and field drains.
8	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
9	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
10	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology.
11	50	2	0.35- 0.45	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	No archaeology.
12	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.2 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Stone field drain.
13	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
14	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Stone and ceramic field drains.

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
15	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
16	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology.
17	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
18	50	2	0.3-0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology.
19	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks.
20	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology.
21	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Plough marks.
22	50	2	0.4	Moderately compacted light grey brown clayish silt. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks and field drains.
23	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks.



Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
24	50	2	0.4	Moderately compacted light grey brown clayish silt. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks, stone and field drains.
25	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology. Field drains.
26	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology. Stone and ceramic field drains.
27	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains.
28	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
29	50	2	0.35	Moderately compacted light grey brown clayish silt. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey silty clay with moderate inclusions of sub- rounded cobbles.	No archaeology. Stone drains and modern feature.
30	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
31	50	2	0.35	Moderately compacted light grey brown clayish silt. 0.2-0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology.
32	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
33	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
34	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains.
35	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey silty clay with moderate inclusions of sub- rounded cobbles.	No archaeology. Field drain and plough marks.
36	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.35 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey silty clay with moderate inclusions of sub- rounded cobbles.	No archaeology. Field drain and plough marks.
37	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains.
38	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology. Stone and ceramic field drains.
39	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
40	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks.

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
41	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains.
42	50	2	0.45	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
43	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
44	50	2	0.45	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.35 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
45	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
46	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
47	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains and modern feature.
48	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks and field drains.

Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
49	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Plough marks and field drains.
50	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey silty clay with moderate inclusions of sub- rounded cobbles.	No archaeology. Plough marks and field drains.
51	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.35 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
52	50	2	0.35	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
53	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Field drains.
54	50	2	0.5	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.4 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology.
55	50	2	0.45	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains.
56	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology.



Tr No	Length (m)	Width (m)	Depth (m)	Topsoil/Overburden	Subsoil	Subsoil	Details
57	50	2	0.55	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.4 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology.
58	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology. Field drains.
59	50	2	0.45	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	-	No archaeology.
60	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology. Field drains.
61	50	2	0.3	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.25 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	-	No archaeology. Plough marks and field drains.
62	50	2	0.4	Moderately compacted light brown clayish silt with frequent sub- rounded pebbles. 0.3 m thick.	Moderately compacted orangey brown sandy clay with specks of coal and moderate inclusions of angular small boulders and cobbles.	Moderately compacted light grey brown silty clay with angular pebbles and cobbles.	No archaeology.

Appendix C: List of Photographs

File 1

Frame	Area	Context No.	Subject	Taken from
1	-	-	ID shot of film	-
2	-	-	General shot of site	W
3	TR1	-	ID shot	-
4	TR1	-	East facing section	E
5	TR1	-	Post-ex	S
6	TR1	-	Post-ex	Ν
7	TR2	-	ID shot	-
8	TR2	-	South-west facing section	SW
9	TR2	-	Post-ex	NW
10	TR2	-	Post-ex	SE
11	TR3	-	ID shot	-
12	TR3	-	North-east facing section	NE

Frame	Area	Context No.	Subject	Taken from
13	TR3	-	Post-ex	NW
14	TR3	-	Post-ex	SE
15	TR8	-	ID shot	-
16	TR8	-	North-west facing section	NW
17	TR8	-	Post-ex	SW
18	TR8	-	Post-ex	NE
19	TR6	-	ID shot	
20	TR6	_	South-east facing section	SE
21	TR6	_	Post-ex	SW
22	TR6	-	Post-ex	NE
22	TR5	-	ID shot	-
23	TR5	-		NW
			North-west facing section	
25	TR5	-	Post-ex	SW
26	TR5	-	Post-ex	NE
27	TR4	-	ID shot	-
28	TR4	-	North-west facing section	NW
29	TR4	-	Post-ex	SW
30	TR4	-	Post-ex	NE
31	TR15	-	ID shot	-
32	TR15	-	North-east facing section	NE
33	TR15	-	Post-ex	NW
34	TR15	-	Post-ex	SE
35	TR14	-	ID shot	-
36	TR14	-	North-east facing section	NE
37	TR14	-	Post-ex	NW
38	TR14	-	Post-ex	SE
39	TR13	_	ID shot	_
40	TR13	_	North-east facing section	NE
40	TR13		Post-ex	NW
41	TR13	-	Post-ex	SE
	TR13		ID shot	
43		-		-
44	TR12	-	South-west facing section	SW
45	TR12	-	Post-ex	NW
46	TR12	-	Post-ex	SE
47	TR7	-	ID shot	-
48	TR7	-	North-west facing section	NW
49	TR7	-	Post-ex	NE
50	-	-	Working shot	NE
51	TR7	-	Post-ex	SW
52	TR11	-	ID shot	-
53	TR11	-	North-east facing section	NE
54	TR11	-	Post-ex	NW
55	TR11	-	Post-ex	SE
56	TR10	-	ID shot	-
57	TR10	-	South-west facing section	SW
58	TR10	_	Post-ex	NW
59	TR10	_	Post-ex	SE
60	TR9	-	ID shot	-
61	TR9	-	North-east facing section	NE
62	TR9 TR9			NW
		-	Post-ex	
63	TR9	-	Post-ex	SE
64	TR24	-	ID shot	-
65	TR24	-	NNW facing section	NNW
66	TR24	-	Post-ex	WSW
67	TR24	-	Post-ex	ENE

Frame	Area	Context No.	Subject	Taken from
68	TR23	-	ID shot	-
69	TR23	-	South-east facing section	SE
70	TR23	-	Post-ex	SW
71	TR23	-	Post-ex	NE
72	TR22	-	ID shot	-
73	TR22	-	South-east facing section	SE
74	TR22	-	Post-ex	SW
75	TR22	-	Post-ex	NE
76	TR21	-	South-east facing section	SE
77	TR21	-	ID shot	-
78	TR21	-	Post-ex	SW
79	TR21	-	Post-ex	NE
80	TR20	-	ID shot	-
81	TR20	-	South-east facing section	SE
82	TR20	-	Post-ex	SW
83	TR20	_	Post-ex	NE
84	TR19	_	ID shot	-
85	TR19	-	South-east facing section	SE
86	TR19	-	Post-ex	SW
87	TR19	-	Post-ex	NE
		-		
88	TR18	-	ID shot	
89	TR18	-	South-east facing section	SE
90	TR18	-	Post-ex	SW
91	TR18	-	Post-ex	NE
92	TR17	-	ID shot	-
93	TR17	-	South-east facing section	SE
94	TR17	-	Post-ex	SW
95	TR17	-	Post-ex	NE
96	TR16	-	ID shot	-
97	TR16	-	South-east facing section	SE
98	TR16	-	Post-ex	SW
99	TR16	-	Post-ex	NE
100	TR31	-	ID shot	-
101	TR31	-	South-west facing section	SW
102	TR31	-	Post-ex	NW
103	TR31	-	Post-ex	SE
104	TR30	-	ID shot	-
105	TR30	_	South-west facing section	SW
105	TR30	_	Post-ex	NW
100	TR30	-	Post-ex	SE
107	TR29	-	ID shot	
108	TR29	-	South-west facing section	SW
109	TR29	-	Post-ex	NW
111	TR29	-	Post-ex	SE
112	TR28	-	ID shot	-
113	TR28	-	South-west facing section	SW
114	TR28	-	Post-ex	NW
115	TR28	-	Post-ex	SE
116	TR27	-	ID shot	-
117	TR27	-	South-west facing section	SW
118	TR27	-	Post-ex	NW
119	TR27	-	Post-ex	SE
120	TR26	-	ID shot	-
121	TR26	-	South-west facing section	SW
122	TR26	-	Post-ex	NW

Frame	Area	Context No.	Subject	Taken from
123	TR26	-	Post-ex	SE
124	TR25	-	ID shot	-
125	TR25	-	South-west facing section	SW
126	TR25	-	Post-ex	NW
127	TR25	-	Post-ex	SE
128	TR40	-	ID shot	-
129	TR40	-	South-east facing section	SE
130	TR40	-	Post-ex	SW
131	TR40	-	Post-ex	NE
132	TR39	-	ID shot	-
133	TR39	-	South-east facing section	SE
134	-	-	General shot of site	S
135	TR39	-	Post-ex	SW
136	TR39	-	Post-ex	NE
137	TR38	-	ID shot	-
138	TR38	-	South-east facing section	SE
139	TR38	-	Post-ex	SW
140	TR38	-	Post-ex	NE
141	TR37	-	ID shot	-
142	TR37	-	South-east facing section	SE
143	TR37	-	Post-ex	SW
144	TR37	-	Post-ex	NE
145	TR36	-	ID shot	-
146	TR36	-	South-east facing section	SE
147	TR36	-	Post-ex	SW
148	TR36	-	Post-ex	NE
149	TR35	-	ID shot	-
150	TR35	-	South-east facing section	SE
151	TR35	-	Post-ex	SW
152	TR35	-	Post-ex	NE
153	TR34	-	ID shot	-
154	TR34	-	South-east facing section	SE
155	TR34	-	Post-ex	SW
156	TR34	-	Post-ex	NE
157	TR33	-	ID shot	-
158	TR33	-	South-east facing section	SE
159	TR33	_	Post-ex	SW
160	TR33	_	Post-ex	NE
161	TR32	_	ID shot	-
162	TR32		SSE facing section	SSE
163	TR32		Post-ex	NNE
165	TR32	_	Post-ex	SSW

File 2

Frame	Area	Context No.	Subject	Taken from
1	-	-	ID shot of film	-
2	TR47	-	ID shot	-
3	TR47	-	North-east facing section	NE
4	TR47	-	Post-ex	NW
5	TR47	-	Post-ex	SE
6	TR46	-	ID shot	-
7	TR46	-	North-east facing section	NE
8	TR46	-	Post-ex	NW
9	TR46	-	Post-ex	SE



Frame	Area	Context No.	Subject	Taken from
10	TR45	-	ID shot	-
11	TR45	-	North-east facing section	NE
12	TR45	-	Post-ex	NW
13	TR45	-	Post-ex	SE
14	TR44	-	ID shot	-
15	TR44	-	North-east facing section	NE
16	TR44	-	Post-ex	NW
17	TR44	-	Post-ex	SE
18	TR43	-	ID shot	-
19	TR43	-	South-west facing section	SW
20	TR43	-	Post-ex	NW
21	TR43	-	Post-ex	SE
22	TR42	-	ID shot	-
23	TR42	-	North-east facing section	NE
24	TR42	-	Post-ex	NW
25	TR42	-	Post-ex	SE
26	TR41	-	ID shot	-
27	TR41	-	SSE facing section	SSE
28	TR41	-	Post-ex	SSW
29	TR41	_	Post-ex	NNE
30	TR52	-	ID shot	-
31	TR52	-	South-east facing section	SE
32	TR52		Post-ex	SW
33	TR52		Post-ex	NE
34	TR51		ID shot	-
35	TR51		North-west facing section	NW
36	TR51		Post-ex	SW
37	TR51		Post-ex	NE
38	TR51		ID shot	-
39	TR50		South-east facing section	SE
40	TR50		Post-ex	SW
40	TR50		Post-ex	NE
41	TR49		ID shot	-
42	TR49		South-east facing section	SE
				SW
44 45	TR49 TR49	-	Post-ex	
		-	Post-ex ID shot	NE
46	TR48			
47	TR48	-	North-west facing section	NW
48	TR48	-	Post-ex	SW
49	TR48	-	Post-ex	NE
50	TR57	-	ID shot	-
51	TR57	-	South-west facing section	SW
52	TR57	-	Post-ex	NW
53	TR57	-	Post-ex	SE
54	TR56	-	ID shot	-
55	TR56	-	South-west facing section	SW
56	TR56	-	Post-ex	NW
57	TR56	-	Post-ex	SE
58	TR55	-	ID shot	-
59	TR55	-	South-west facing section	SW
60	TR55	-	Post-ex	NW
61	TR55	-	Post-ex	SE
62	TR54	-	ID shot	-
63	TR54	-	South-west facing section	SW
64	TR54	-	Post-ex	NW

Frame	Area	Context No.	Subject	Taken from
65	TR54	-	Post-ex	SE
66	TR53	-	ID shot	-
67	TR53	-	South-east facing section	SE
68	TR53	-	Post-ex	SW
69	TR53	-	Post-ex	NE
70	TR60	-	ID shot	-
71	TR60	-	North-west facing section	NW
72	TR60	-	Post-ex	SW
73	TR60	-	Post-ex	NE
74	TR59	-	ID shot	-
75	TR59	-	North-west facing section	NW
76	TR59	-	Post-ex	SW
77	TR59	-	Post-ex	NE
78	-	-	Working shot shows trenches post-ex	E
79	TR58	-	ID shot	-
80	TR58	-	North-west facing section	NW
81	TR58	-	Post-ex	SW
82	TR58	-	Post-ex	NE
83	TR62	-	ID shot	-
84	TR62	-	South-west facing section	SW
85	TR62	-	Post-ex	NW
86	TR62	-	Post-ex	SE
87	TR61	-	ID shot	-
88	TR61	-	South-east facing section	SE
89	TR61	-	Post-ex	SW
90	TR61	-	Post-ex	NE

Appendix D: Discovery and Excavations Scotland Entry

LOCAL AUTHORITY:	South Lanarkshire	
PROJECT TITLE/SITE NAME:	Greenlees Road, Cambuslang	
PROJECT CODE:	4352	
PARISH:	Cambuslang	
NAME OF CONTRIBUTOR:	Iraia Arabaolaza	
NAME OF ORGANISATION:	GUARD Archaeology	
TYPE(S) OF PROJECT:	Evaluation	
NMRS NO(S):		
SITE/MONUMENT TYPE(S):		
SIGNIFICANT FINDS:	None	
NGR (2 letters, 8 or 10 figures)	NS 6360 5888	
START DATE (this season)	29-02-2016	
END DATE (this season)	08-03-2016	
PREVIOUS WORK (incl. DES ref.)	No	
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	0	
PROPOSED FUTURE WORK:	No	
CAPTION(S) FOR ILLUSTRS:		
SPONSOR OR FUNDING BODY:	Persimmon Homes	
ADDRESS OF MAIN CONTRIBUTOR:	GUARD Archaeology Limited, 52 Elderpark Workspace, 100 Elderpark Street, Glasgow, G51 3TR	
EMAIL ADDRESS:	bob.will@guard-archaeology.co.uk	
ARCHIVE LOCATION (intended/ deposited)	Archive to be deposited with NMRS.	



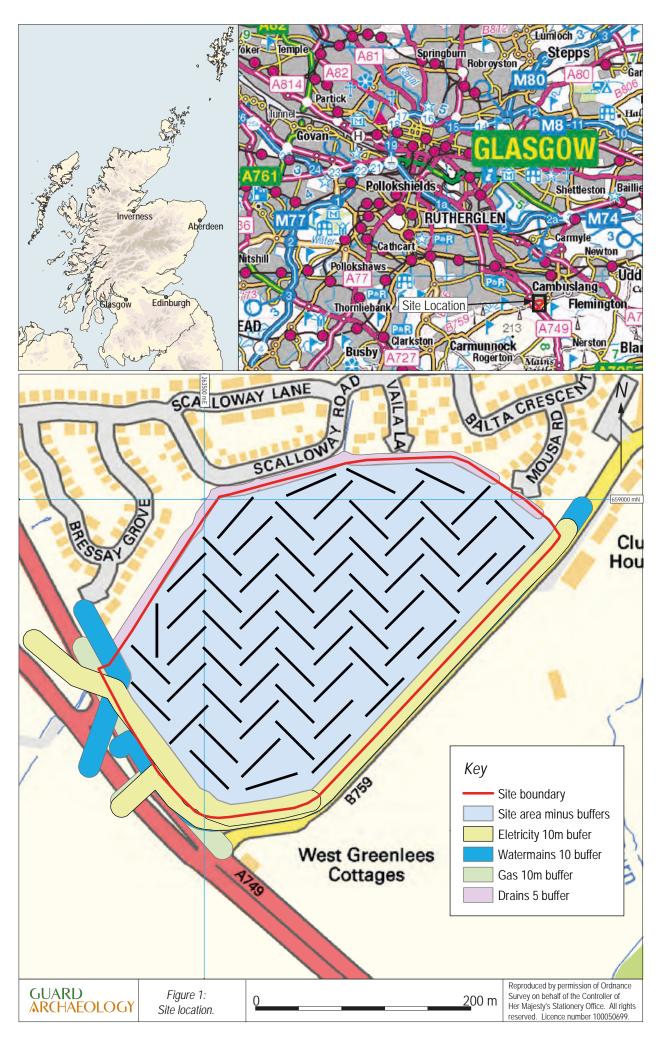
Appendix E: Written Scheme of Investigation GREENLEES ROAD, CAMBUSLANG

WRITTEN SCHEME OF INVESTIGATION

PROJECT 4352









Executive Summary

1.1 This Written Scheme of Investigation forms the archaeological method statement for the evaluation of the area proposed for the construction of new houses and associated infrastructure at Greenlees Road, Cambuslang, South Lanarkshire (Figure 1) (Planning reference CR/14/0193). This document will require to be approved by the West of Scotland Archaeology Service (WoSAS) prior to the commencement of archaeological fieldwork.

Introduction

- 2.1 This Written Scheme of Investigation (WSI) sets out the methodology for the archaeological mitigation works required in support of the erection of new dwellings and associated infrastructure at Greenlees Road, Cambuslang, South Lanarkshire in accordance with the relevant archaeology guidance specified by WoSAS (Planning references CR/14/0193). An 8% archaeological evaluation 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 WoSAS, 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 site is located to the south of Cambuslang and east of Cathkin on the flanks of Cathkin Braes. The development area is defined by the East Kilbride Road (A749) along its western side and Greenlaws Road along the south and east with Kirkhill Golf Club lying beyond. The northern limits are demarcated by an open water course with houses lying beyond. The area of archaeological interest is centred on NS 6360 5888. The development area is currently covered in open pasture and will form the nucleus of a new housing estate and associated roads and infrastructure.

Archaeological Background

4.1.1 There are no known archaeological or historical sites present within the proposed development area. However, historic sites are noted within CANMORE and within the historic environment record for South Lanarkshire (maintained by WoSAS) to be on the sites' periphery. These include the site of a large factory or industrial works to the east of the development area (CANMORE ID 147147) and the site of a colliery nearby (WoSAS HER ID 41007). B & C Listed building are noted to the west, north and east of the development area and the area immediately north of the development was evaluated in April 2003 and revealed no features or finds of any significance (CANMORE ID 269393).

Aims, Objectives and Scope

- 5.1 The aim of the archaeological evaluation is to identify:
 - the presence or absence of as yet unknown archaeological features within the proposed development area;
 - to ensure that any surviving archaeological remains, encountered during the evaluation, are recorded to an appropriate level.

- 5.2 The objectives are therefore to:
 - Conduct an 8% (6,194 m2) archaeological evaluation of the 77,431 m2 trenchable area of the proposed development site 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 WoSAS, 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, no further archaeological fieldwork will be required for this development.

Fieldwork Methodology

Archaeological Evaluation

- 6.1 A series of 62 evaluation trenches (Figure 1) (50 m in length and measuring 2 m wide) will be excavated using a back-acting machine under constant supervision of a GUARD Archaeologist.
- 6.5 The topsoil or overburden at each trench location will be removed in spits to the first archaeological horizon or, where none was found, to the natural subsoil. Any archaeological features encountered will be cleaned by hand by the on-site Archaeologist to determine their character and extent.
- 6.6 Any significant archaeological features encountered will be dealt with by the on-site Archaeologist. Should negative-cut features be encountered, a representative sample will be 25-50% excavated in order to determine their significance, date and function. 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 test pits will be accurately surveyed using a sub-metre GPS and located within the National Grid.
- 6.7 All archaeological finds will be dealt with by the on-site Archaeologist. 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.
- 6.8 All excavated feature fills and horizons will be sampled as appropriate, using bulk soil samples, for palaeo-environmental evidence.
- 6.9 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.
- 6.10 Should human remains be revealed by the excavation, the local police, the client and WoSAS will be informed immediately. Any human remains will be accurately recorded, but left *in situ*, pending the agreement of the police, the client and WoSAS on an appropriate mitigation strategy.
- 6.11 Should significant archaeological remains be encountered within any of the trenches proposed, the area of investigation may be expanded, in consultation with the client and WoSAS, with the aim of defining the full extent of the archaeological features.
- 6.12 WoSAS will be the final judge of significance regarding any findings and may well insist on full excavation for any features to be destroyed by the proposals.
- 6.12 Should significant archaeological remains be encountered by the evaluation, requiring more than the 8% evaluation outlined above, the remains will be largely left *in situ* pending the agreement of the client and WoSAS on a WSI addenda for an appropriate scope of excavation (Stage 2) and Post-excavation design including scope of finds analysis, conservation & publication (Stage 3).
- 6.13 On completion of the recording of the evaluation trenches, the backfilling will be undertaken by a back-acting machine. No specialist backfilling is proposed.



6.14 All work will be conducted in line with the standards and guidance of the Chartered Institute for Archaeologists (CIfA).

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 WoSAS. 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 At least two copies of the report will be prepared for the client and a further digital PDF copy sent to WoSAS.
- 7.5 WoSAS state that any DSR is to be submitted within 4 weeks of fieldwork completion, any PERD within 3 months of agreement to the DSR and any final publication within a year of agreement to the PERD.
- 7.6 The report will be presented in an ordered state and contained within a protective cover/sleeve or bound in some fashion. 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, WoSAS 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 Treasure's Remembrancer which museum should be allocated the finds. All artefacts will be temporarily stored by GUARD until a decision has been made by the panel.

Personnel and Liaison

- 12.1 The GUARD team will comprise the following qualified and experienced GUARD archaeologists:
 - Project Manager: John Atkinson
 - Project Director (on-site Archaeologists): TBC
 - Finds and Environmental Support and Conservation: Aileen Maule
 - Illustrator: Gillian McSwan
- 12.2 The GUARD Project Manager, 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 will be confirmed on approval of this WSI. WoSAS 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 will take 10 days to complete, including backfilling, with minimal findings.

Health & Safety and Insurance

14.1 GUARD Archaeology Ltd adheres to the guidelines and standards prescribed for archaeological fieldwork set down in the Institute for Archaeologists approved Health and Safety in Field

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Archaeology document, prepared under the aegis of the Standing Conference of Archaeological Unit Managers (SCAUM). It is standard GUARD policy, prior to <u>any</u> 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. Copies of the resultant project safety plan and of GUARD's Fieldwork Safety Policy Statement may be viewed upon request.

14.2 GUARD Archaeology Ltd also possesses all necessary insurance cover, proofs of which may be supplied upon request.

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