

Johnston Loch, Gartcosh, North Lanarkshire : Archaeological Evaluation Report

AOC Project 23371

02nd May 2016



ARCHAEOLOGY

HERITAGE

CONSERVATION

Johnston Loch, Gartcosh, North Lanarkshire: Archaeological Evaluation Report

On Behalf of: **Persimmon Homes North Scotland**
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This document has been prepared in accordance with AOC standard operating procedures.

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Contents

	Page
List of Figures	1
List of Plates	1
List of Appendices	1
Summary	2
1 INTRODUCTION	3
1.1 Site Background	3
1.2 Site Location.....	3
1.3 Archaeological & Palaeoenvironmental Background.....	3
2 OBJECTIVES	3
2.1 The objectives of the archaeological works were;.....	3
3 METHODOLOGY.....	4
4 RESULTS.....	5
5 CONCLUSIONS & RECOMMENDATIONS	5
6 REFERENCES	5
APPENDIX 1: Trench Descriptions	7
APPENDIX 2: Photographic Record	15
APPENDIX 3: 'Discovery and Excavation in Scotland' Report.....	17

List of Figures

Figure 1: Site Location plan

Figure 2: Site plan showing location of archaeological evaluation trenches

List of Plates

Plate 1: Trench 48 showing modern drainage and plough scars from north

Plate 2: Trench 44 showing modern drainage and plough scars from north

Plate 3: Historic Field Boundary from south

Plate 4: Historic Field Boundary from south-east

List of Appendices

Appendix 1: Trench Descriptions

Appendix 2: Photographic Record

Appendix 3: '*Discovery and Excavation in Scotland*' Report

Summary

This report presents the results of an archaeological evaluation undertaken by AOC Archaeology Group on behalf of Persimmon Homes & Avant Homes, on a 15ha land plot located to the south of Johnston Loch, Gartcosh, North Lanarkshire. The evaluation was undertaken as the initial part of a phased programme of works required as a condition of the planning consent for the development.

The evaluation consisted of the machine trenching of 6,360 m², 8% of the available development area. A total of 8,000 m² was originally required; however the combination of extensive marsh land situated along the northern boundary, and live services reduced the area that could feasibly be evaluated.

The evaluation was undertaken in an area of sloping, improved pasture. This had been extensively drained with modern ceramic pipes placed at 3.0 m intervals across the site. These drains all appeared to run into the Johnston Loch. Neither significant archaeological features nor artefacts were encountered, and no further archaeological works are recommended, although this will have to be confirmed by the Stirling Council Archaeology Officer, advisor to North Lanarkshire Council.

1 INTRODUCTION

1.1 Site Background

- 1.1.1 AOC Archaeology Group was commissioned by Persimmon Homes & Avant Homes (Planning Application 14/01849/PPP) to carry out a programme of archaeological works prior to the construction of a residential development at Johnston, Gartcosh, North Lanarkshire (NGR: NS 695 680). The proposed development lies within the administrative area of North Lanarkshire Council, which is advised on archaeological matters by the Archaeological Officer for Stirling Council. The archaeological works were conducted in accordance with the principals set out in *Scottish Planning Policy* (2014) and *Planning & Archaeology* (2011) and in accordance with North Lanarkshire Council as advised by the Archaeological Officer for Stirling Council.
- 1.1.2 The current evaluation takes in an area measuring 15 ha and is currently under improved pasture.
- 1.1.3 The evaluation revealed that the proposed development area had been subject to extensive modern drainage in the form of closely positioned ceramic drains. The drains appeared to empty directly into the Johnston Loch. No archaeologically significant material or features were observed.

1.2 Site Location

- 1.2.1 The proposed development area measures approximately 15ha (centered on NGR: NS 695 680) and consists predominantly of agricultural land. The area is bordered by residential housing to the south along Old Gartloch Road and by a railway line to the south-west. Johnston Loch and an extensive area of marsh lay to the north with the A752 road forming the eastern boundary.

1.3 Archaeological & Palaeoenvironmental Background

- 1.3.1 There are no previously recorded archaeological sites with the proposed development area.
- 1.3.2 Historical map information suggests that Johnston Loch formerly extended into the NW fringe of the development area. The SI information provided suggests that this area now contains lacustrine clays, but there are no indications within test pit or borehole data of peat accumulation. Peat was not recorded anywhere within the development area. However, it is possible that waterlogged deposits could be present in the zone where the loch formerly extended into the development area, but beyond the extent of the SI investigations.

2 OBJECTIVES

- 2.1 The objectives of the archaeological works were;
- to create a basic photographic record of the upstanding, historic field boundaries within the development area.
 - to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through trial trenching.
 - to undertake a peat coring exercise, should suitable peat deposits be encountered during the works, to determine the significance of the deposits potentially disturbed by the development.

3 METHODOLOGY

- 3.1 The archaeological evaluation of the proposed development area was undertaken on 27th April – 03rd May 2016 using two tracked excavators fitted with 2.2 m wide toothless ditching buckets. The area was originally measured at 15 ha, however this was an over estimation with the area available for evaluation measuring 10 ha. An 8% evaluation of the site was required, which would have equated to a total evaluation area of 8000 m². However, due to the presence of live services, the existing rail line and the extensive marsh area the area available for evaluation was significantly reduced. The marsh area along the northern boundary of the site was omitted on the advice of Mr Drew Oliver, Senior Ecologist with Waterman Infrastructure & Environment Ltd due to the probable presence of ground nesting birds. Nevertheless, despite this limitation, a total of 3,180 linear metres (6,360 m²) was excavated and good coverage of the available area was achieved (Figure 2). The evaluation was undertaken in generally dry conditions with good archaeological visibility. Trenches were recorded and subsequently backfilled and compacted.



Plate 1; Trench 48 showing modern drainage and plough scars from north



Plate 2; Trench 44 showing modern drainage and plough scars from north



Plate 3; Historic Field Boundary from south



Plate 4; Historic Field Boundary from south-east

4 RESULTS

- 4.1 A site plan showing the location of trenches can be found in Figure 2. Where present, the topsoil consisted of a thin, poorly drained, clay loam ranging from 0.20 m to 0.40 m in depth. The top-soil had been improved during the 19th century and contained significant amounts of anthropic material, with numerous fragments of white glazed ceramics, stoneware and bottle glass.
- 4.2 The top-soil overlay a natural of yellow boulder clay. The clay natural was heavily scarred by modern ploughing. Extensive modern drainage had occurred across the site area with numerous machine cut, clay field drains set at 3.0 m intervals. The drains were mostly aligned north to south and appeared to empty directly into the Johnston Loch and marsh area.
- 4.3 No archaeologically significant material or features were recorded.
- 4.4 A short programme of peat coring was undertaken within the marsh area on the 28th April. This revealed pockets of peat survival within the development area. The peat ranged from 1.0 m to 1.5 m in depth. As per the requirement of the council brief, a second phase of works on the peat has been instigated.

5 CONCLUSIONS & RECOMMENDATIONS

- 5.1 No significant archaeological finds or features were encountered and the area appears archaeologically sterile.
- 5.2 No further archaeological works are considered necessary within this phase of the development. This recommendation will require confirmation by the Archaeological Officer for Sterling Council on behalf of North Lanarkshire Council.

6 REFERENCES

AOC Archaeology (2016) *Johnston Loch, Gartcosh, North Lanarkshire. Archaeological Evaluation: Written scheme of Investigation*. Unpublished Client Report.

Scottish Government 2014 *Scottish Planning Policy*.

Scottish Government 2011 *PAN 2/2011 Planning and Archaeology*.

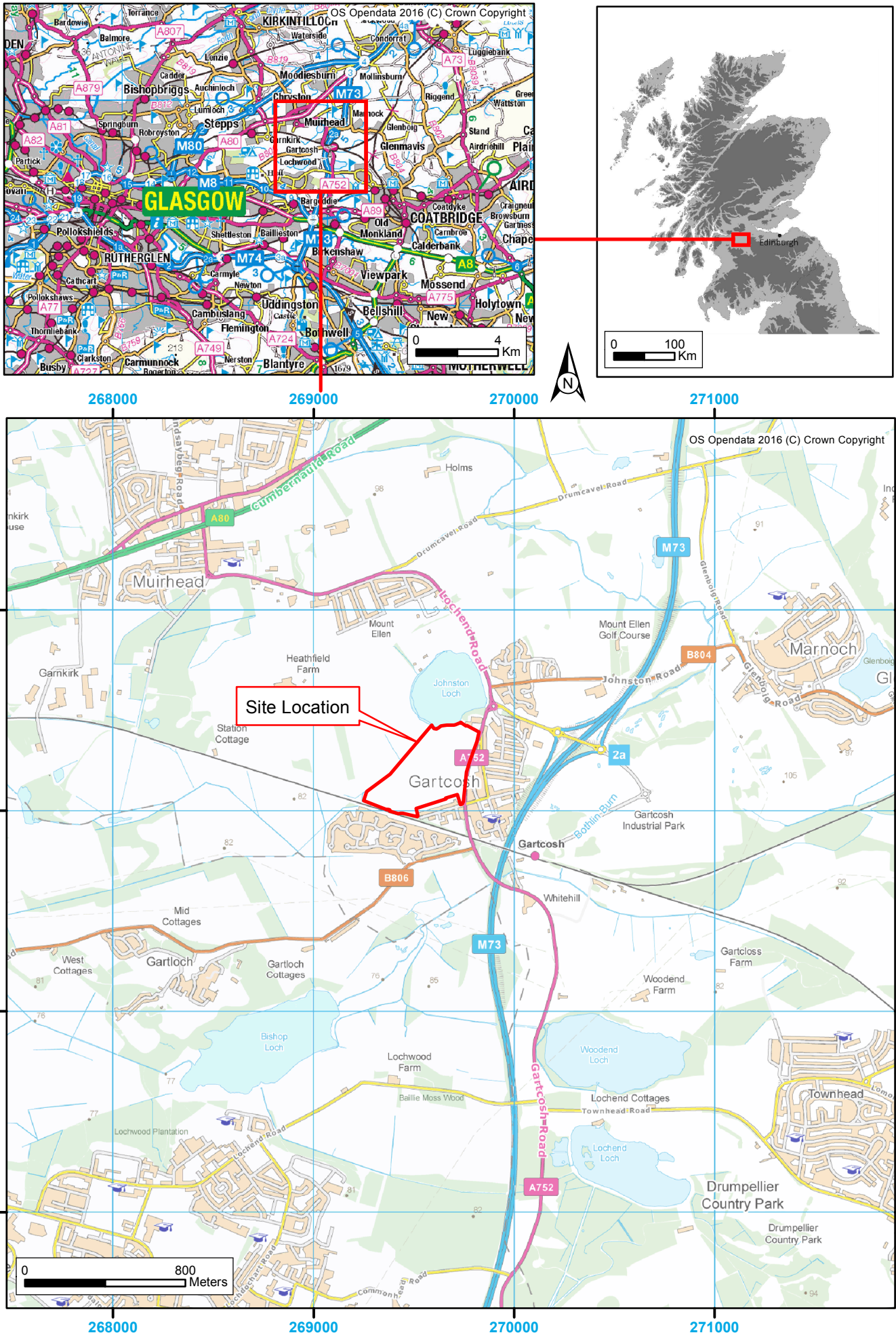


Figure 1: Site Location Plan

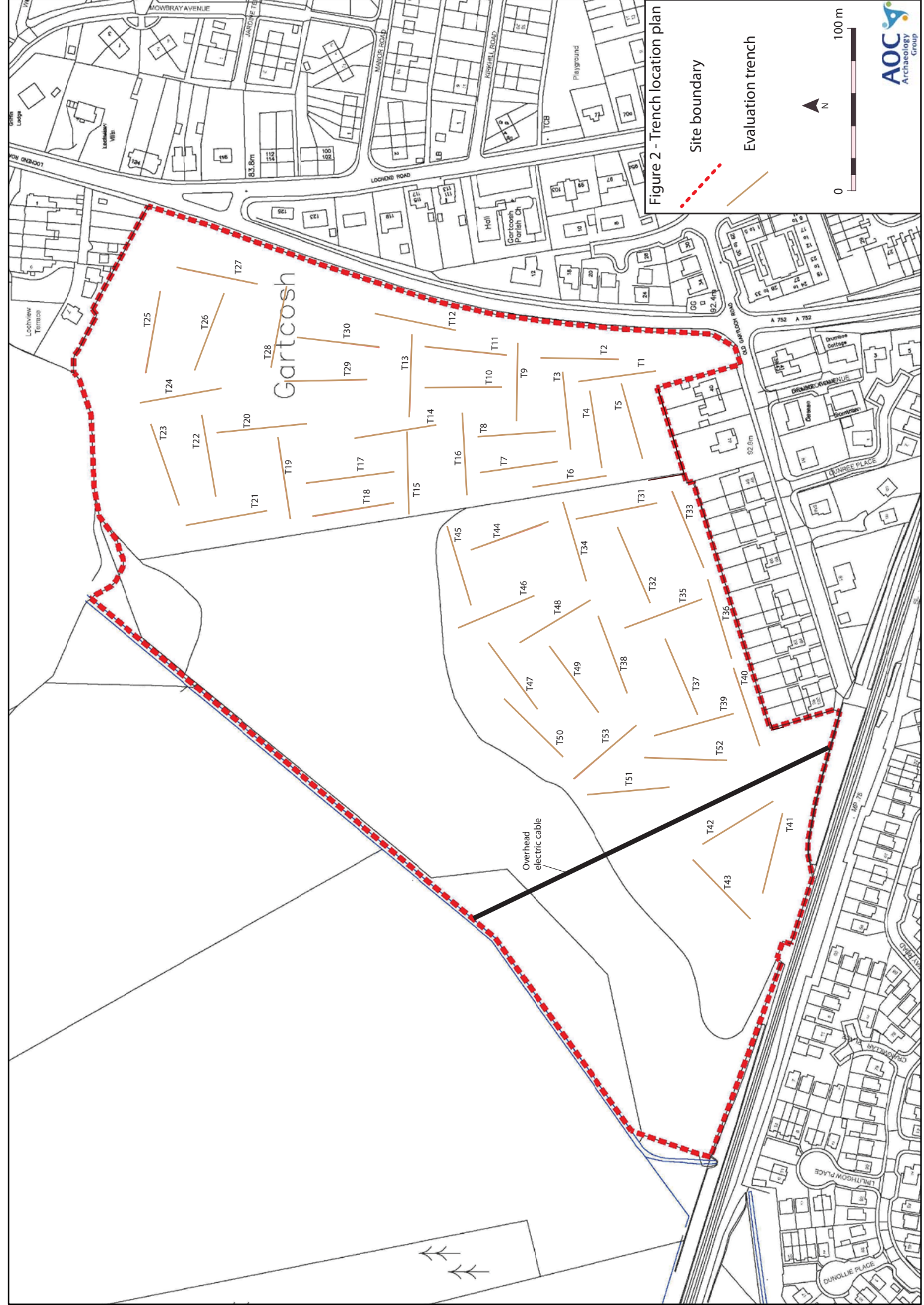


Figure 2 - Trench location plan

Site boundary

Evaluation trench



**Johnston Loch, Gartcosh, South Lanarkshire
Archaeological Evaluation Report**

Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	S/N
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 2

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	S/N
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 3

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.40 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 4

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 5

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 6

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	S/N
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.32 m
<i>Significant Features</i>	None
<i>Other Features</i>	Clay drain at 3.0 m NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.

Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 7

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 8

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 9

Dimensions 50 m by 2.2 m
Orientation W/E
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 10

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.30 m
Depth of Excavation 0.35 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 11

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 12

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.

Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 13

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.30 m
Depth of Excavation 0.40 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 14

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.35 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 15

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 16

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 17

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.30 m
Depth of Excavation 0.32 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 18

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.

Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 19

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.25 m
Depth of Excavation 0.27 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 20

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.20 m
Depth of Excavation 0.25 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 21

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 22

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.30 m
Depth of Excavation 0.32 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 23

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.30 m
Depth of Excavation 0.35 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 24

Dimensions 50 m by 2.2 m
Orientation N/S
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE

Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 25

Dimensions 50 m by 2.2 m
Orientation W/E
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 26

Dimensions 50 m by 2.2 m
Orientation W/E
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 27

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.30 m
Depth of Excavation 0.32 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 28

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.25 m
Depth of Excavation 0.27 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 29

Dimensions 50 m by 2.2 m
Orientation N/S
Depth of Topsoil 0.30 m
Depth of Excavation 0.35 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 30

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.30 m
Depth of Excavation 0.32 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE

Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 31

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.30 m
Depth of Excavation 0.32 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 32

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.20 m
Depth of Excavation 0.25 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 33

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.30 m
Depth of Excavation 0.35 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 34

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 35

Dimensions 50 m by 2.2 m
Orientation S/N
Depth of Topsoil 0.20 m
Depth of Excavation 0.22 m
Significant Features None
Other Features Modern clay drains set at 3.0 m intervals aligned NNW/SSE
Subsoil Yellow brown compact boulder clay with heavy plough scarring.
Finds Numerous shards of 19th glazed ceramics, glass and stoneware.

Trench 36

Dimensions 50 m by 2.2 m
Orientation E/W
Depth of Topsoil 0.25 m
Depth of Excavation 0.30 m
Significant Features None

<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 37

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 38

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 39

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	N/S
<i>Depth of Topsoil</i>	0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 40

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 41

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	NW/SE
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 42

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	N/S
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None

<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 43

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 44

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	S/N
<i>Depth of Topsoil</i>	0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 45

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 46

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	N/S
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 47

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 49

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	S/N
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None

<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 50

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	E/W
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 51

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	NE/SW
<i>Depth of Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.32 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 52

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	NE/SW
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

Trench 53

<i>Dimensions</i>	50 m by 2.2 m
<i>Orientation</i>	NE/SW
<i>Depth of Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	Modern clay drains set at 3.0 m intervals aligned NNW/SSE
<i>Subsoil</i>	Yellow brown compact boulder clay with heavy plough scarring.
<i>Finds</i>	Numerous shards of 19 th glazed ceramics, glass and stoneware.

APPENDIX 2: Photographic Record

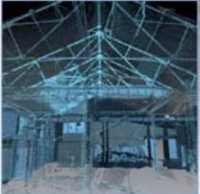
Frame	Trench	Description	From
1	-	Registration shot	-
2	Tr.1	Post excavation shot	S
3	Tr.2	Post excavation shot	S
4	Tr.3	Post excavation shot	W
5	Tr.4	Post excavation shot	W

6	Tr.5	Post excavation shot	W
7	Tr.6	Post excavation shot	S
8	Tr.7	Post excavation shot	N
9	Tr.8	Post excavation shot	N
10	Tr.9	Post excavation shot	E
11	Tr.10	Post excavation shot	N
12	Tr.11	Post excavation shot	N
13	Tr.12	Post excavation shot	W
14	Tr.13	Post excavation shot	N
15	Tr.14	Post excavation shot	E
16	Tr.15	Post excavation shot	W
17	Tr.16	Post excavation shot	W
18	Tr.17	Post excavation shot	N
19	Tr.18	Post excavation shot	N
20	Tr.19	Post excavation shot	E
21	Tr.20	Post excavation shot	N
22	Tr.21	Post excavation shot	N
23	Tr.22	Post excavation shot	N
24	Tr.23	Post excavation shot	N
25	Tr.24	Post excavation shot	S
26	Tr.25	Post excavation shot	E
27	Tr.26	Post excavation shot	N
28	Tr.27	Post excavation shot	N
29	Tr.28	Post excavation shot	E
30	Tr.29	Post excavation shot	W
31	Tr.30	Post excavation shot	N
32	Tr.31	Post excavation shot	N
33	Tr.32	Post excavation shot	W
34	Tr.41	Post excavation shot	SE
35	Tr.42	Post excavation shot	N
36	Tr.40	Post excavation shot	W
37	Tr.39	Post excavation shot	S
38	Tr.37	Post excavation shot	W
39	Tr.36	Post excavation shot	W
40	Tr.35	Post excavation shot	W
41	Tr.38	Post excavation shot	S
42	Tr.37	Post excavation shot	E

43	Tr.33	Post excavation shot	W
44	Tr.34	Post excavation shot	E
45	Tr.44	Post excavation shot	S
46	Tr.45	Post excavation shot	E
47	Tr.46	Post excavation shot	N
48	Tr.47	Post excavation shot	E
49	Tr.48	Post excavation shot	N

APPENDIX 3: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	North Lanarkshire Council
PROJECT TITLE/SITE NAME	Johnston Loch, Gartcosh, North Lanarkshire
PROJECT CODE:	AOC 23371
PARISH:	Gartcosh
NAME OF CONTRIBUTOR:	Rob Engl & Alex Wood
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR	NS 695 680
START DATE	27/4/2016
END DATE	03/5/2016
PREVIOUS WORK	None
MAIN (NARRATIVE) DESCRIPTION:	<p><i>This report presents the results of an archaeological evaluation undertaken by AOC Archaeology Group on behalf of Persimmon Homes & Avant Homes, on a 15ha land plot located to the south of Johnston Loch, Gartcosh, North Lanarkshire. The evaluation was undertaken as the initial part of a phased programme of works required as a condition of the planning consent for the development.</i></p> <p><i>The evaluation consisted of the machine trenching of 6,360 m², 8% of the available development area. A total of 8,900 m² was originally required; however the combination of extensive marsh land situated along the northern boundary, and live services reduced the area that could feasibly be evaluated.</i></p> <p><i>The evaluation was undertaken in an area of sloping, improved pasture. This had been extensively drained with modern ceramic pipes placed at 3.0 m intervals across the site. These drains all appeared to run into the Johnston Loch. Neither significant archaeological features nor artefacts were encountered, and no further archaeological works are recommended, although this will have to be confirmed by the Stirling Council Archaeology Officer, advisor to North Lanarkshire Council.</i></p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Persimmon Homes & Avant Homes
ADDRESS OF MAIN CONTRIBUTOR:	AOC Archaeology Group
EMAIL ADDRESS:	Admin@aocarchaeology.com
ARCHIVE LOCATION	NMRS



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