

Mauchline Road, Hurlford, Ayrshire: Archaeological Evaluation Data Structure Report

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AOC Project 22099

22nd March 2013



Mauchline Road, Hurlford, Ayrshire

Archaeological Evaluation Data Structure Report

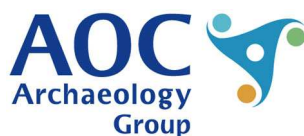
On Behalf of:	Glen Catrine Bond Ltd, 7 laigh Road, Mauchline, Ayrshire KA5 6SN
National Grid Reference (NGR):	NS 45552 36212
AOC Project No:	22099
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Date of Fieldwork:	18 th March – 22 nd March 2013
Date of Report:	25 th March 2013

This document has been prepared in accordance with AOC standard operating procedures.

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Abstract

This report presents the results of an archaeological evaluation undertaken in respect of a proposed development at Mauchline Road, Hurlford, Ayrshire (NGR: NS 45552 36212).

AOC Archaeology was required to excavate an 8% sample of the 8ha area totalling 3200 linear metres.

The evaluation revealed thin top-soil overlying clay subsoil. A boggy area covering the north of the site was revealed to have limited peat formation deposits with relatively modern attempts at drainage. No significant archaeological deposits were encountered.

No further works are considered necessary.

1 INTRODUCTION

1.1 Background

- 1.1.1 AOC Archaeology Group was commissioned by Glen Catrine Bond Ltd to undertake an archaeological evaluation prior to a development at Mauchline Road, Hurlford, East Ayrshire. The evaluation was undertaken in order to satisfy the requirements of the local planning authority, East Ayrshire Council who are advised on archaeological matters by the West of Scotland Archaeology Service (WoSAS). The works were conducted according to the terms of a *Written Scheme of Investigation* (AOC 2012) in accordance with the principles set out in *Scottish Planning Policy* (Scottish Government 2010) and *PAN 2/2011 Planning & Archaeology* (Scottish Government 2011).
- 1.1.2 The development area (NGR: NT; NS 45552 36212; Figure 1) measures 8 ha in total and is currently under rough pasture.
- 1.1.3 The evaluation revealed no significant archaeological material. The north end of the site was poorly drained with some standing water. Some thin peat formation was observed within the lower lying levels of the site.

1.2 Location

- 1.2.1 The proposed development lies within the southern edge of Hurlford, East Ayrshire and presently comprises rough pasture, centred NGR NS 45552 36212. The development area is approximately triangular in plan, to the immediate north of the Glen Catrine Bond, and is bounded to the north and west by the Richardson Park Playing Field and to the east by the Mauchline Road.

1.3 Archaeological background

- 1.3.1 The RCAHMS and the local Sites and Monuments Records did not list any archaeological sites within the development land-take, but as a greenfield site there existed the possibility of unknown buried archaeological sites lying with the development boundaries.

2 OBJECTIVES

- 2.1 The objectives of the archaeological evaluation were:
- i) to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through evaluation trenching;
 - ii) to advise and implement an appropriate form of mitigation, such excavation, post-excavation analyses and publication, given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

3 METHODOLOGY

- 3.1 The details of the archaeological evaluation, laid out below, were designed to meet the requirements of East Ayrshire Council as advised by WoSAS.

- 3.2 The presence of an old mine shaft and live sewer were noted before the start of the evaluation and the trenches placed accordingly.
- 3.3 The evaluation was undertaken by a 13 tonne excavator equipped with 2.0 m wide bladed ditching bucket. Excavation was undertaken in units/spits until the first significant archaeological horizon or natural subsoil was reached. All machine excavation was supervised by an experienced field archaeologist and according to AOC Archaeology Group's standard operating procedures, and as per the methodology within the *Written Scheme of Investigation* (AOC 2013). The trenches were immediately backfilled upon completion.

4 RESULTS

- 4.1 The archaeological evaluation was undertaken during the 18th March – 22nd March 2013. Overall weather conditions were generally dry and archaeological visibility was good.



Plate 1; Trench 6 North facing section showing peat formation

- 4.2 Trenches 1-13 were located in the north-western half of the site (Figure 2). This was relatively low lying land with poor drainage. The majority of the trenches in this area showed signs of limited peat formation 0.10 m to 0.20 m in depth. This immediately overlaid a sub-soil of pale yellow sandy clay. Recent attempts to drain the area through the placement of tile drains had been only partially successful with some standing water in evidence.

- 4.3 Trenches 14-36 were excavated on rising ground to the south and east of the site. Top-soil was thin ranging from 0.20 m to 0.30 m in depth. This overlay clay subsoil ranging from pink to pale yellow in colour. No modern drainage was encountered. Occasional modern ceramics were observed in the majority of the excavated trenches. No significant archaeological material was encountered.



Plate 2; Trench 34 Post-excavation shot from south-east

5 CONCLUSION AND RECOMMENDATIONS

- 5.1 The proposed development site was subject to a full and comprehensive archaeological evaluation. Neither significant archaeological features nor artefacts were identified. Further works are therefore considered unnecessary. This recommendation will require confirmation by West of Scotland Archaeology Service (WoSAS) on behalf of City of East Ayrshire Council.

6 BIBLIOGRAPHY

AOC 2013 *Mauchline Road, Hurlford: Written Scheme of Investigation* Unpublished client report

Scottish Government 2010 *Scottish Planning Policy*, February 2010.

Scottish Government 2011 *Planning And Archaeology* 2/2011.

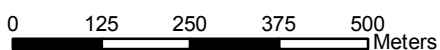
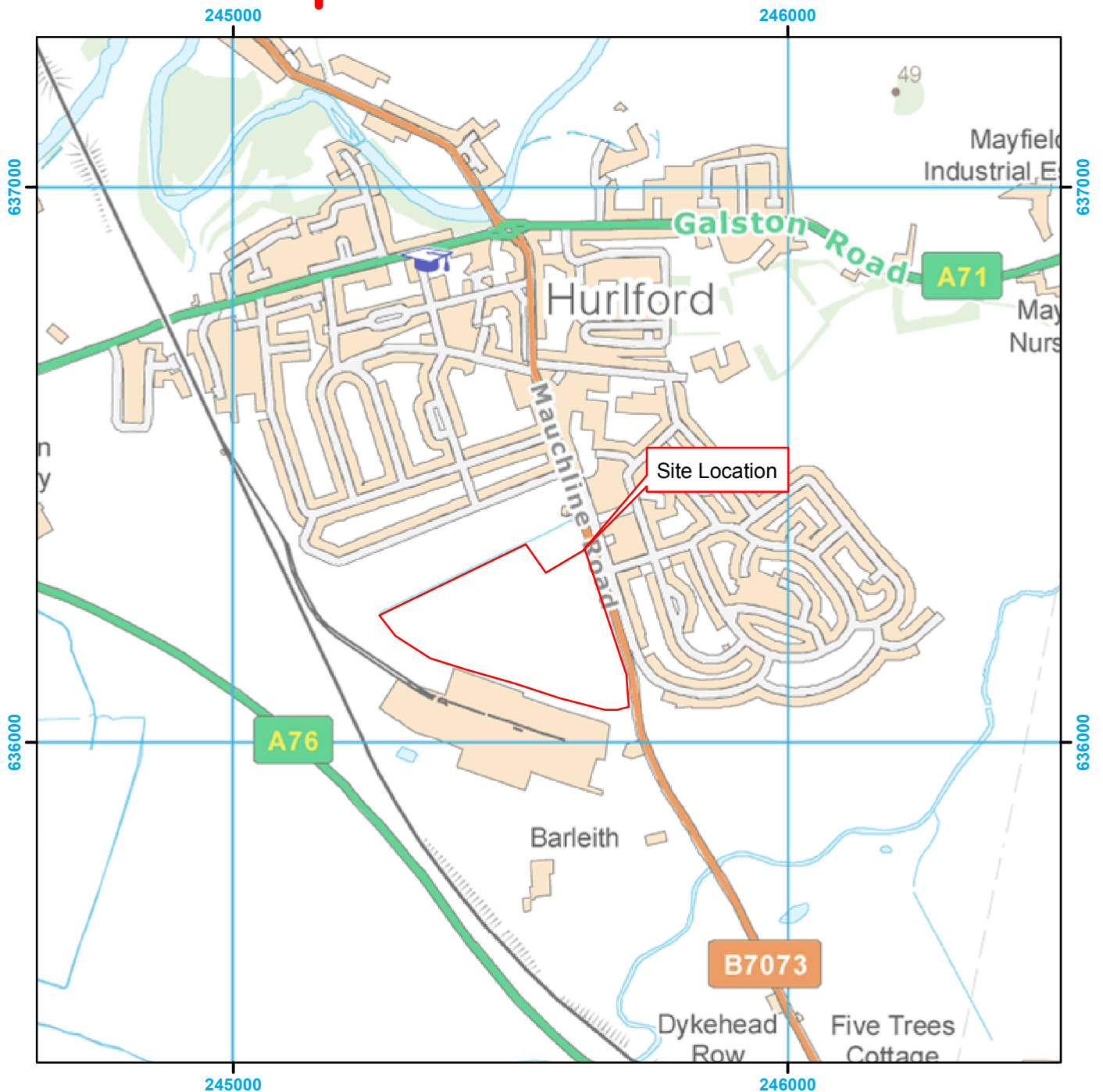
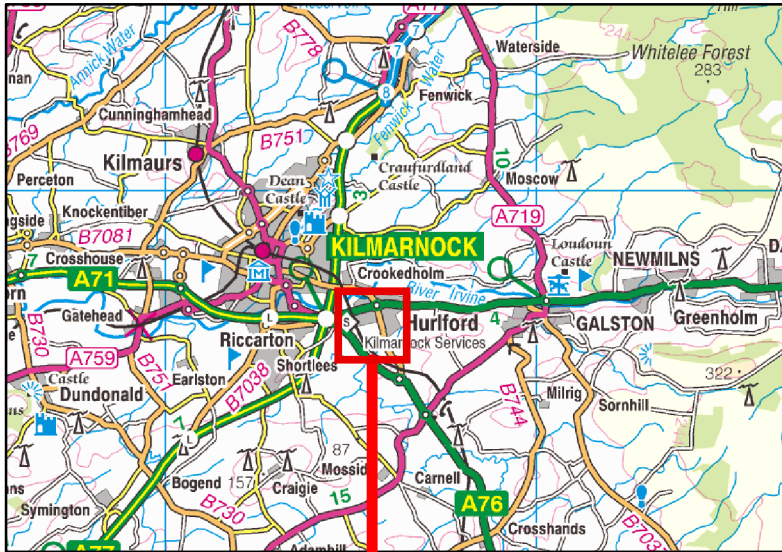


Figure 1: Site Location Plan



Figure 2 - Evaluation Trench Locations

Mauchline Road, Hurlford, East Ayrshire: Archaeological Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	SE-NW
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Tile drains at 1.5 m, 8.0 m & 12.0 m
<i>Subsoil</i>	Yellow sands and clays
<i>Finds</i>	None

Trench 2

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	W-E
<i>Top-soil Depth</i>	0.35 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Yellow sands and clays
<i>Finds</i>	None

Trench 3

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Peat formation 0.20 m in depth from 0 m to 40.0 m
<i>Subsoil</i>	Yellow sands and clays
<i>Finds</i>	None

Trench 4

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Tile drains at 10 m intervals
<i>Subsoil</i>	Yellow sands and clays
<i>Finds</i>	None

Trench 5

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Tile drains at 10 m intervals
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 6

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Peat formation 0.10 m in depth
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 7

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	SW-NE
<i>Top-soil Depth</i>	0.25 m
<i>Depth of Excavation</i>	0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Peat formation 0.20 m in depth
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 8

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	Peat formation 0.20 m in depth. Tile drains at 5.0 m intervals
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 9

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	SW-NE
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.70 m
<i>Significant Features</i>	None
<i>Other Features</i>	Peat formation 0.40 m in depth
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 10

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	W-E
<i>Top-soil Depth</i>	0.30 m – 0.40 m
<i>Depth of Excavation</i>	0.30 m – 0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 11

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.20 m – 0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Yellow clays
<i>Finds</i>	None

Trench 12

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 13

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	SE-NW
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 14

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.20 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 15

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Pink clays
<i>Finds</i>	None

Trench 16

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None

<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 17

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 18

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 19

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 20

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 21

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.25 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 22

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.25 m

<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 23

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SE-NW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 24

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SE-NW
<i>Top-soil Depth</i>	0.25 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 25

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SE-NW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 26

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SE-NW
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 27

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 28

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 29

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	SW-NE
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 30

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 31

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 32

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 33

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None

<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 34

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 35

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

Trench 36

<i>Dimensions</i>	100 m by 2 m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.30 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange clays
<i>Finds</i>	None

APPENDIX 2: Photographic Record

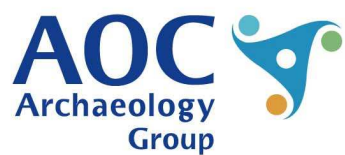
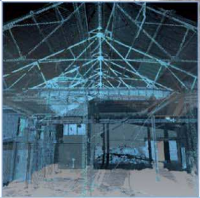
Digital Photographs

Frame	Description	From
1	Registration	-
2	Trench 1 Post excavation shot	NW
3	Trench 2 Post excavation shot	E
4	Trench 3 Post excavation shot	SW
5	Trench 4 Post excavation shot	NE
6	Trench 5 Post excavation shot	NE
7	Trench 6 North facing section	N
8	Trench 6 Post excavation shot	NE
9	Trench 7 Post ex	SW
10	Trench 8 Post ex	SW
11	Trench 9 Post ex	SW
12	Trench 9 South facing section	S
13	Trench 10 Post ex	E
14	Trench 11 Post ex	E
15	Trench 12 Post ex	SE
17	Trench 13 Post ex	S
18	Trench 14 Post ex	SW
19	Trench 15 Post ex	SW
20	Trench 16 Post ex	W
21	Trench 17 Post ex	NE
22	Trench 18 Post ex	NE
23	Trench 19 Post ex	NE
24	Trench 20 Post ex	NE
25	Trench 21 Post ex	S
26	Trench 22 Post ex	SE
27	Trench 23 Post ex	SE
28	Trench 24 Post ex	SE
29	Trench 25 Post ex	SE
30	Trench 26 Post ex	S
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32	Trench 28 Post ex	E
33	Trench 30 Post ex	W
34	Trench 31 Post ex	W
35	Trench 32 Post ex	E
36	Trench 33 Post ex	E
37	Trench 34 Post ex	E
38	Trench 35 Post ex	E

39	Trench 29 Post ex	E
40	Trench 36 Post ex	SW

APPENDIX 3: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	East Ayrshire Council
PROJECT TITLE/SITE NAME	Mauchline Road, Hurlford
PROJECT CODE:	AOC 22099
PARISH:	Hurlford
NAME OF CONTRIBUTOR:	Rob Engl
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 (2 letters, 6 figures)	NS 45552 36212
START DATE (this season)	18 th March 2013
END DATE (this season)	20 th March 2013
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>This report presents the results of an archaeological evaluation undertaken in respect of a proposed development at Mauchline Road, Hurlford, Ayrshire (NGR: NS 45552 36212).</p> <p>AOC Archaeology was required to excavate an 8% sample of the 8ha area totalling 3200 linear metres.</p> <p>The evaluation revealed thin top-soil overlying clay subsoil. A boggy area covering the north of the site was revealed to have limited peat formation deposits with relatively modern attempts at drainage. No in significant archaeological deposits were encountered.</p> <p>No further works are considered necessary.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	---
SPONSOR OR FUNDING BODY:	Glen Catrine Bond Ltd
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ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS



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