

Smiddy Cottage, Kilincadzow: Archaeological Evaluation Data Structure Report

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Smiddy Cottage, Kilincadzow: Archaeological Evaluation Data Structure Report

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National Grid Reference (NGR):	NS 8840 4840
AOC Project No:	22855
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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 relation to a proposed residential development and equestrian complex at Smiddy Cottage, Kilncadzow, South Lanarkshire.

The evaluation required an 8% trenching sample of the development area. A total of nine trenches of varying lengths and alignments were excavated encountering rubble and ceramic tile drains as well as agricultural furrows. Out with the agricultural remains neither significant archaeological features nor artefacts were revealed.

No further works are considered necessary within the development area.

1 INTRODUCTION

1.1 Background

1.1.1 AOC Archaeology Group was commissioned by Mr. Sandy Beveridge to undertake an archaeological evaluation of a proposed residential development and equestrian complex to be situated within fields to the S of Smiddy Cottage, Kilncadzow, South Lanarkshire. The evaluation was undertaken in order to satisfy the requirements of the local planning authority, South Lanarkshire 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 2014) approved on behalf of South Lanarkshire Council by WoSAS and in accordance with the principles set out in *Scottish Planning Policy* (Scottish Government 2014) and *PAN 2/2011 Planning & Archaeology* (Scottish Government 2011).

1.2 Location

1.2.1 The site (centred on NGR NS 8840 4840) is situated within 2 fields to the south of properties on Craighenhill Road, Kilncadzow. Open pasture surrounds the development areas to the east and west, with Kilncadzow village centre to the north (see Figure 1).

1.3 Archaeological Background

1.3.1 A prior evaluation was undertaken to the immediate east of the development area by AOC Archaeology Ltd (Engl 2005) on an adjacent land parcel. This revealed the remains of a probable 19th century farmstead.

1.3.2 It is apparent from a comparison of the current and 1st edition maps of Kilncadzow that the settlement has diminished in size since the 19th century. The 1st edition OS map (Lanarkshire 25, surveyed in 1859) shows a larger settlement with a smithy, boiler and additional row of houses. The wider area around the settlement is shown on the 1st edition to contain limeworks, limekilns and ironstone pits. Many other buildings which still exist have decreased in size. The settlement may have had a specialised industrial function in the 18th and 19th centuries.

1.3.3 The proposed development falls within an area of some archaeological sensitivity based on the wider presence of prehistoric, Roman and medieval activity. The proposed development site involves a substantial undeveloped green-field area, with the potential for the survival of un-recorded sub-surface archaeological remains.

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;
- ii) to advise and implement an appropriate form of mitigation, such as excavation, post-excavation analyses and publication given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

3 METHODOLOGY

- 3.2 The evaluation was undertaken by a 14 tonne tracked excavator with 2 m wide ditching bucket. Excavation was undertaken in shallow units/spits until the first significant archaeological horizon. 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 2014). The trenches were backfilled on completion of the evaluation.

4 RESULTS

- 4.1 The archaeological evaluation was undertaken on 15th August 2014. Weather conditions were fair allowing for good archaeological visibility throughout the evaluation. In total, 400 m of trenching was opened, varying in alignment and length, with trenches being placed over areas of greatest impact from the proposed development (Figure 2).
- 4.2 The topsoil throughout the development area was a consistent mid grey clay loam, varying in depth from 0.25 m to 0.39 m. The natural subsoil was a mottled orange, grey and brown clay with a few large boulders (Plate 1). Agricultural furrows were noted within Trenches 6 to 9, aligned NW-SE, parallel to the known field boundaries. The furrows were filled with up to 0.15 m of topsoil and occurred every 5 m, cutting into the natural subsoil (Plate 2).

5 CONCLUSION AND RECOMMENDATIONS

- 5.1 From the trenches excavated it has been demonstrated that the development areas are archaeologically sterile. No significant archaeological features or artefacts were revealed throughout the evaluation.
- 5.3 No further archaeological works are deemed necessary within the development area. These recommendations will have to be approved by WoSAS on behalf of South Lanarkshire Council.

6 REFERENCES

AOC Archaeology 2014, *The Smiddy, Kilncadzow, South Lanarkshire: Written Scheme of Investigation* Unpublished AOC project design

Scottish Government 2014 *Scottish Planning Policy*, 2014

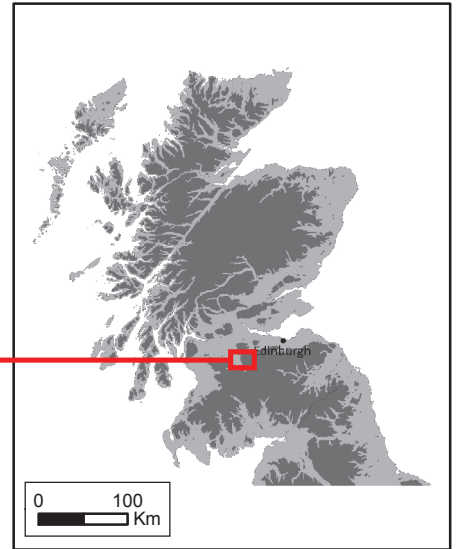
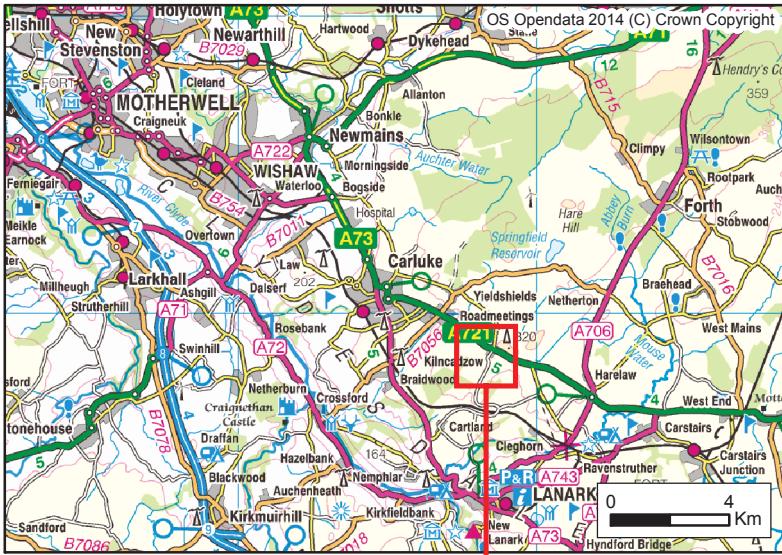
Scottish Government 2011 *Planning And Archaeology 2/2011*



Plate 1 - General view of Trench 4

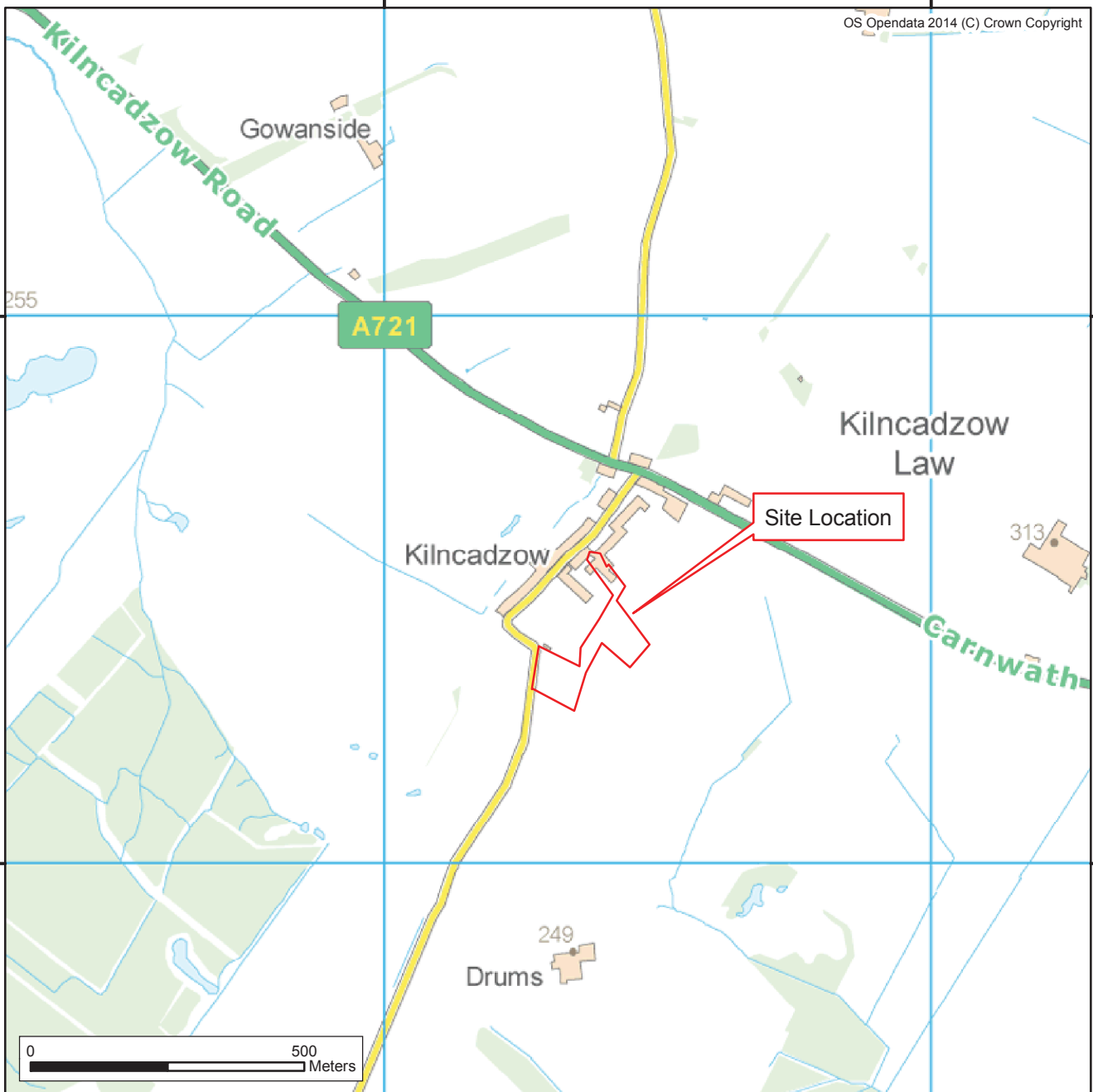


Plate 2 - View of furrows in Trench 8



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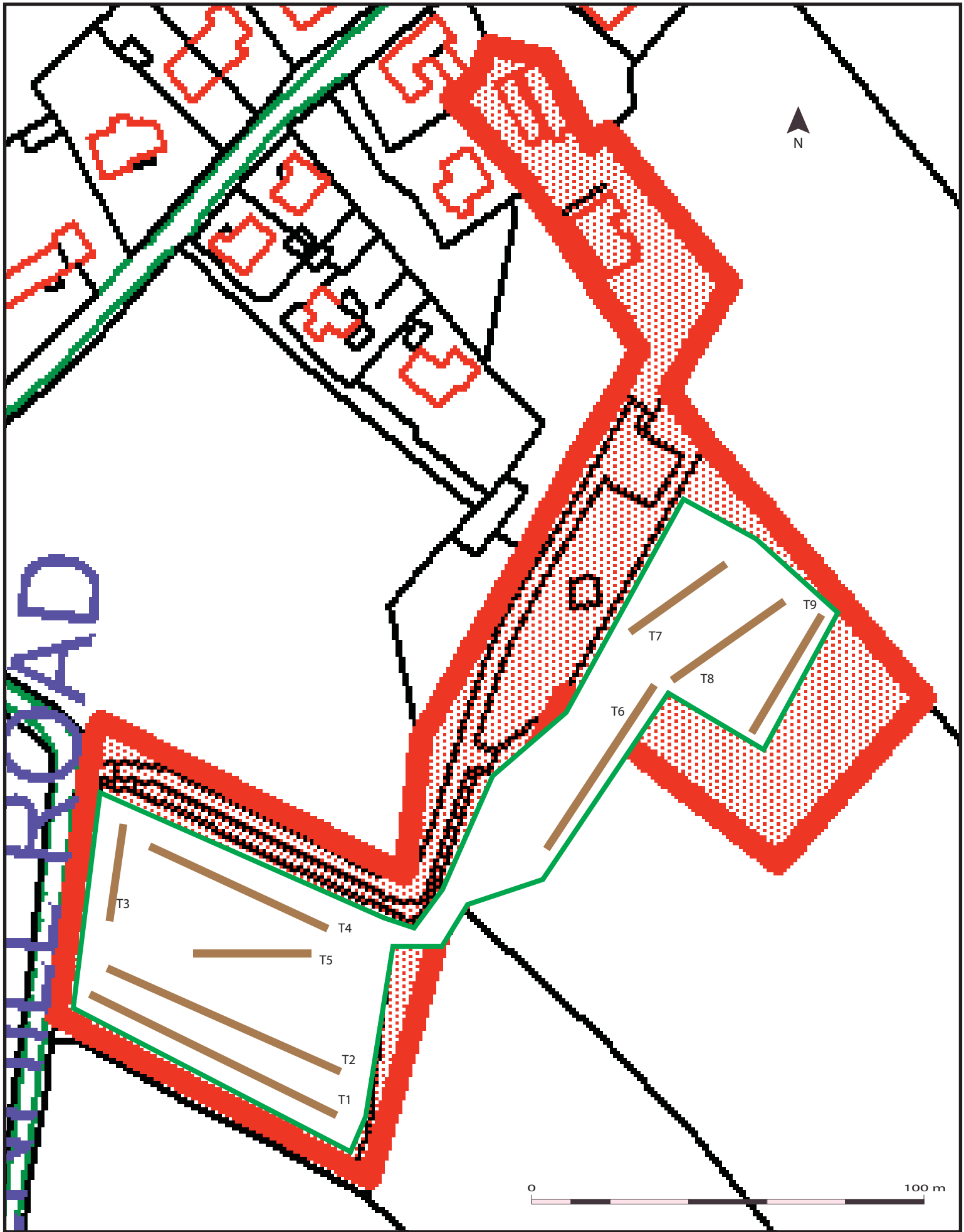
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Figure 1: Site Location Plan



- Property Boundary
- Development Boundary
- Evaluation trench

Based on a drawing provided by the client

Figure 2 - Trench Location plan

Smiddy Cottage, Kilncadzow: Archaeological Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	70 m by 2 m
<i>Total Area</i>	140 m ²
<i>Excavated Orientation</i>	N to S
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.3 m
<i>Depth of Excavation</i>	0.3 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic tile field drain at 0, 0.65 m to 56 m aligned N-S
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions. Heavily plough scarred.
<i>Finds</i>	None

Trench 2

<i>Dimensions</i>	65 m by 2 m
<i>Total Area</i>	130 m ²
<i>Excavated Orientation</i>	N to S
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.36 m
<i>Depth of Excavation</i>	0.36 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic tile field drain at 18 m to 55 m aligned NW-SE
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions. Heavily plough scarred.
<i>Finds</i>	None

Trench 3

<i>Dimensions</i>	25 m by 2 m
<i>Total Area</i>	50 m ²
<i>Excavated Orientation</i>	NE to SW
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.37 m
<i>Depth of Excavation</i>	0.37 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic tile field drain at 7.55 m to 8.2 m; 15 m to 15.4 m; and 22.4 m to 23.1 m aligned NW-SE
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions. Heavily plough scarred.
<i>Finds</i>	None

Trench 4

<i>Dimensions</i>	50 m by 2 m
<i>Total Area</i>	100 m ²
<i>Excavated Orientation</i>	NW to SE
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.39 m
<i>Depth of Excavation</i>	0.39 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions. Heavily plough scarred.
<i>Finds</i>	None

Trench 5

<i>Dimensions</i>	30 m by 2 m
<i>Total Area</i>	60 m ²

<i>Excavated Orientation</i>	E to W
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.33 m
<i>Depth of Excavation</i>	0.33 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic tile field drain at 3.3 m to 7.5 m; 21.1 m to 24.6 m; 21.8 m to 25.3 m aligned NW-SE
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions. Heavily plough scarred.
<i>Finds</i>	None

Trench 6

<i>Dimensions</i>	50 m by 2 m
<i>Total Area</i>	100 m ²
<i>Excavated Orientation</i>	SW to NE
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.33 m
<i>Depth of Excavation</i>	0.33 m
<i>Significant Features</i>	None
<i>Other Features</i>	Furrow at 1.1 m; 3.3 m; 9.8 m; 16.1 m; 24.2 m; 31.6 m aligned SE-NW averaging 1.5 m wide
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions.
<i>Finds</i>	None

Trench 7

<i>Dimensions</i>	30 m by 2 m
<i>Total Area</i>	60 m ²
<i>Excavated Orientation</i>	W to E
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.43 m
<i>Depth of Excavation</i>	0.43 m
<i>Significant Features</i>	None
<i>Other Features</i>	Ceramic tile drain at 1.2 m aligned N-S. Furrow at 13.6 m; 20.1 m; 28 m aligned N-S.
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions.
<i>Finds</i>	None

Trench 8

<i>Dimensions</i>	35 m by 2 m
<i>Total Area</i>	70 m ²
<i>Excavated Orientation</i>	W to E
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.35 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	Furrow at 4.6 m; 10.7 m; 17.5 m aligned N-S.
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions.
<i>Finds</i>	None

Trench 9

<i>Dimensions</i>	35 m by 2 m
<i>Total Area</i>	70 m ²
<i>Excavated Orientation</i>	W to E
<i>Soil Make-up</i>	Topsoil – mid grey clay loam – max depth 0.35 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	Furrow at 6.1 m and every 5-6 m aligned N-S.
<i>Natural Subsoil</i>	Mottled orange, grey and yellow clay with rare boulder and stone inclusions.
<i>Finds</i>	None

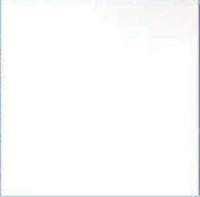
APPENDIX 2: Photographic Record

Digital Photographs

Frame	Description	From	Date
1-2	General shots of Area A	Var	15/8/14
3-5	General shots of Area B	Var	15/8/14
6	Plough scars in T1	SE	15/8/14
7	Trench 1 post ex	SE	15/8/14
8	Rubble drain and Ce tile drain in T2	SE	15/8/14
9	Trench 2 post ex	NW	15/8/14
10	Trench 3 post ex	NE	15/8/14
11	Trench 4 post ex	NW	15/8/14
12	Trench 5 post ex	W	15/8/14
13-15	General shots of field B post ex	Var	15/8/14
16	Shot of furrow in T6	NW	15/8/14
17	Shot of furrow in T6	NE	15/8/14
18	Trench 7 post ex	NE	15/8/14
19	Trench 8 post ex	NE	15/8/14
20	Trench 9 post ex	SW	15/8/14
21-22	General shots of field A post ex	Var	15/8/14

APPENDIX 3: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	South Lanarkshire Council
PROJECT TITLE/SITE NAME	Smiddy Cottage
PROJECT CODE:	AOC 22855
PARISH:	Carnwath
NAME OF CONTRIBUTOR:	Kevin Paton
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	None
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	N/A
NGR (2 letters, 6 figures)	NS 8840 4840
START DATE (this season)	15 th August 2014
END DATE (this season)	15 th August 2014
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>An archaeological evaluation was undertaken in relation to a proposed residential development and equestrian complex at Smiddy Cottage, Kilncadzow, South Lanarkshire.</p> <p>The evaluation required an 8% trenching sample of the development area. A total of nine trenches of varying lengths and alignments were excavated encountering rubble and ceramic tile drains as well as agricultural furrows. Out with the agricultural remains neither significant archaeological features nor artefacts were revealed.</p> <p>No further works are considered necessary within the development area.</p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	---
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ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS



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