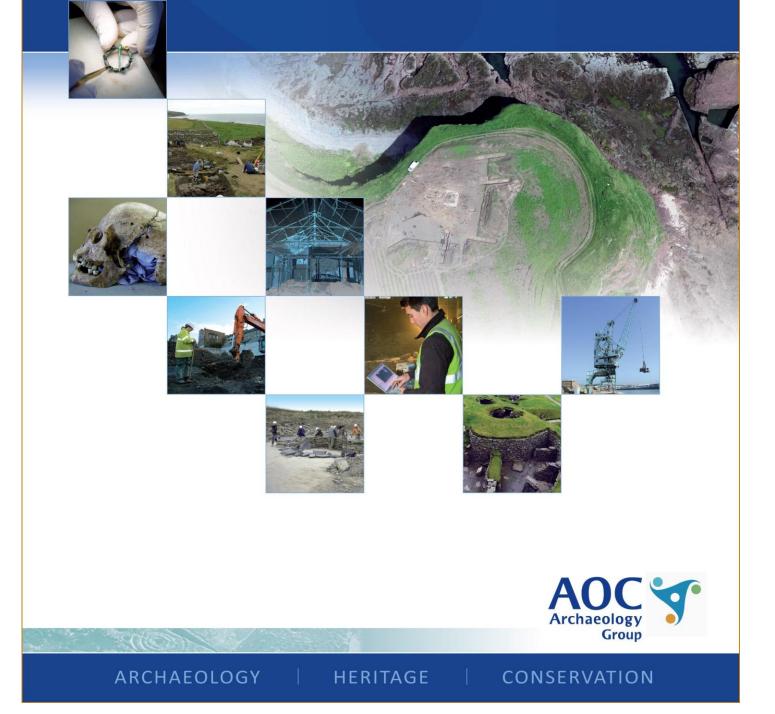
Byres Farm, Garleton, Longniddry, East Lothian: Monitored Topsoil Strip Data Structure Report

AOC Project 22073 OASIS No. aocarch1-120095 (1) 29th February 2012



Byres Farm, Garleton, Longniddry, East Lothian:

Monitored Topsoil Strip Data Structure Report

On Behalf of:	J.W Black and Sons, Byres Farm, Garleton, Longniddry East Lothian	
National Grid Reference (NGR):	NT 49217 77084 & NT 49173 77183	
AOC Project No:	AOC22073	
OASIS Project No:	aocarcha1-120095 (1)	
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Date of Fieldwork:	27 th February 2012	
Date of Report:	29 th February 2012	
This document has been prepared in accordance with AOC standard operating procedures.		
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Draft/Final Report Stage: Draft	Date: 29 th February 2012	

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Abstract

This report presents the results of an Archaeologically Monitored Topsoil Strip undertaken by AOC Archaeology Group prior to the construction of two wind turbines on a greenfield site at Byres Farm, Garleton, Longniddry, East Lothian.

The topsoil strip comprised excavation of two trenches totalling 50 m^2 . Neither significant archaeological features nor unstratified artefacts were observed during the topsoil stripping works.

1 INTRODUCTION

1.1 Background

- 1.1.1 AOC Archaeology Group was commissioned by Mr Roy Black to undertake a programme of archaeological works on ground-breaking works associated with the construction of two wind turbines at Byres Farm, Garleton, Longniddry, East Lothian (Planning Reference No. 11/00784/P). The need for and scope of the archaeological works had been determined by the East Lothian Council, as advised on archaeological matters by East Lothian Council Archaeology Service (ELCAS).
- 1.1.2 The proposed development lies within the administrative area of East Lothian Council, which is advised on archaeological matters by East Lothian Council Archaeology Service (ELCAS). A programme of archaeological works had been specified by ELCAS; with the required works in keeping with the policies outlined in *Scottish Planning Policy* (Scottish Government 2010) and *PAN 2/2011 Planning and Archaeology* (Scottish Government 2011) in order to determine and record the extent and significance of any archaeological remains which may be present within the development area.
- 1.1.3 A *Written Scheme of Investigation* (AOC 2012) was agreed with ELCAS in advance of the evaluation being undertaken.

1.2 Location

1.2.1 The two wind turbine foundation trenches were located to the north-west of Byres Farm within open fields (Figure 1). The two trenches were positioned along the edge of an existing field.

1.3 Archaeological background

- 1.3.1 A farming settlement at Byres appears in the cartographic record from 1682 onwards (Adair 1682, 1736; Roy 1747-55). In the late 18th century it is shown with an approach avenue from the west leading to a tree-lined rectangular park with formally laid-out gardens in the south-east. The Ordnance Survey First Edition (1852) shows the site of the proposed turbine locations as open ground.
- 1.3.2 The location of the proposed wind turbine development is within an area of considerable archaeological interest. A cluster of scheduled sites approximately 2 km to the east includes the 'Sixpence Strip' enclosure (Index No. 5823); 'Dalvreck' palisaded enclosure and pit alignment (5824); 'Foster Law' enclosure, ring-ditch and pit alignment (5862); 'Dalvreck' ring-ditch and pit alignment (5863) and 'Newmains House' enclosures (5866). Located to the south-east is another group of scheduled sites, including 'Skid Hill' fort (6030); 'Barney' enclosure (6031); 'Barney Main's palisaded enclosure and pit alignment (6032) and 'Kae Heughs' fort (752).
- 1.3.3 In the more immediate vicinity lie several undesignated heritage assets, including a possible ringditch (MEL 4472) to the north-east, with the '*Mungoswells*' earthwork (MEL 4910) and enclosure (MEL 4471) further to the north-east. A Neolithic polished stone axe head (*NMRS* NT52NW 501) has also been recovered from the local area.

1.3.4 No known previous archaeological investigations had been undertaken within the development area.

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, postexcavation analyses and publication, given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

3 METHODOLOGY

- 3.1 Two 5 m by 5 m foundation pits were excavated to the natural subsoil. The excavation was undertaken by means of a JCB 3CX wheeled excavator equipped with a toothless ditching bucket. Excavation was undertaken in shallow units/spits until the first significant archaeological horizon or natural subsoil was reached. All machine excavation was supervised by an experienced field archaeologist.
- 3.2 All excavation was undertaken according to AOC Archaeology Group's standard operating procedures. The trenches were backfilled on completion of the evaluation.

4 RESULTS

4.1 Introduction

- 4.1.1 The archaeological strip was undertaken on 27th February 2012. Overall weather conditions were good; comprising clear and dry conditions yielding good archaeological visibility. In total 50 m² (combined basal dimensions) of foundations were opened., equating to the total footprint of the two wind turbines The following should be read in conjunction with the data presented in Appendix 1. Foundation Trench 1 was situated at NGR: NT 49217 77084 with Foundation Trench 2 located at NGR: NT 49173 77183 (Figure 1)
- 4.1.2 Topsoil comprised a dark brown back silt up to 0.60 m in depth, overlying a natural subsoil of varying orange brown silty clay. Very few modern artefacts were noted within the topsoil with ceramic sherds and bottle glass amongst the most common, though nothing of note was identified and the material was not retained.
- 4.1.3 A single rubble field drain, aligned north-west to south east, ran across Foundation Trench 1.



PLATE 1 – Foundation Trench 2 under excavation

5 CONCLUSION

5.1 No structural remains, negative cut features or anthropic deposits of any archaeological significance were found. No unstratified artefactual material of archaeological significance was recovered from the topsoil.

6 **RECOMMENDATIONS**

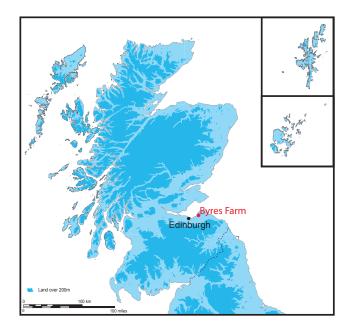
6.1 Neither archaeological features nor residual artefacts were revealed by the evaluation; the two wind turbine foundation trenches proving to be archaeologically sterile. No further archaeological works are considered necessary. This recommendation will require confirmation by ELCAS on behalf of East Lothian Council.

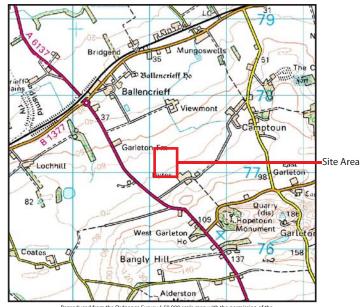
7 **REFERENCES**

AOC 2012 Byres Farm, Garleton, Longniddry, East Lothian, Monitored Topsoil Strip, Written Scheme of Investigation. Unpubl AOC Project Design.

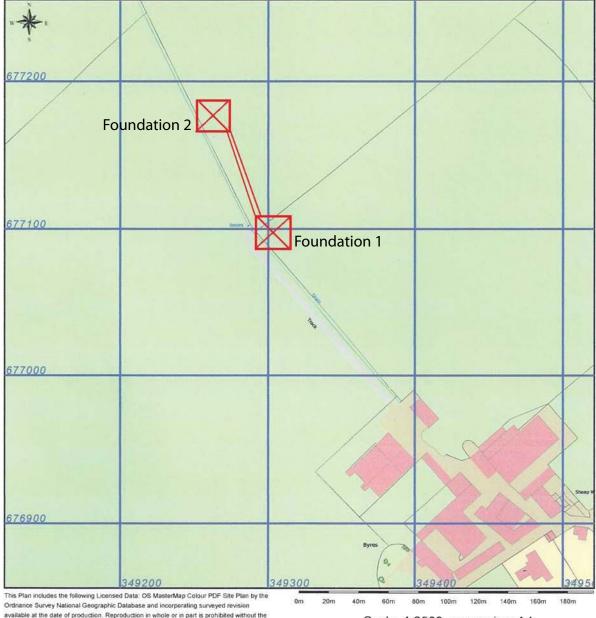
Scottish Government 2010 Scottish Planning Policy.

Scottish Government 2011 PAN 2/2011 Planning and Archaeology.





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Scale: 1:2500, paper size: A4





Byres Farm, Garleton, Longniddry, East Lothian, Monitored Topsoil Strip: Data Structure Report

Section 2: Appendices

APPENDIX 1: Trench Descriptions

Foundation 1

Dimensions	5 m by 5 m
Orientation	N-S
Depth of Topsoil	0.60 m
Depth of Excavations	Up to 0.65 m
Subsoil	Orange/brown silty clay
Feature	North-west to south-east aligned rubble drain
Significant Features	None
Finds	None

Foundation 2

Dimensions	5 m by 5 m
Orientation	N-S
Depth of Topsoil	0.60 m
Depth of Excavations	Up to 0.65 m
Subsoil	Orange/brown silty clay
Features	None
Significant Features	None
Finds	None

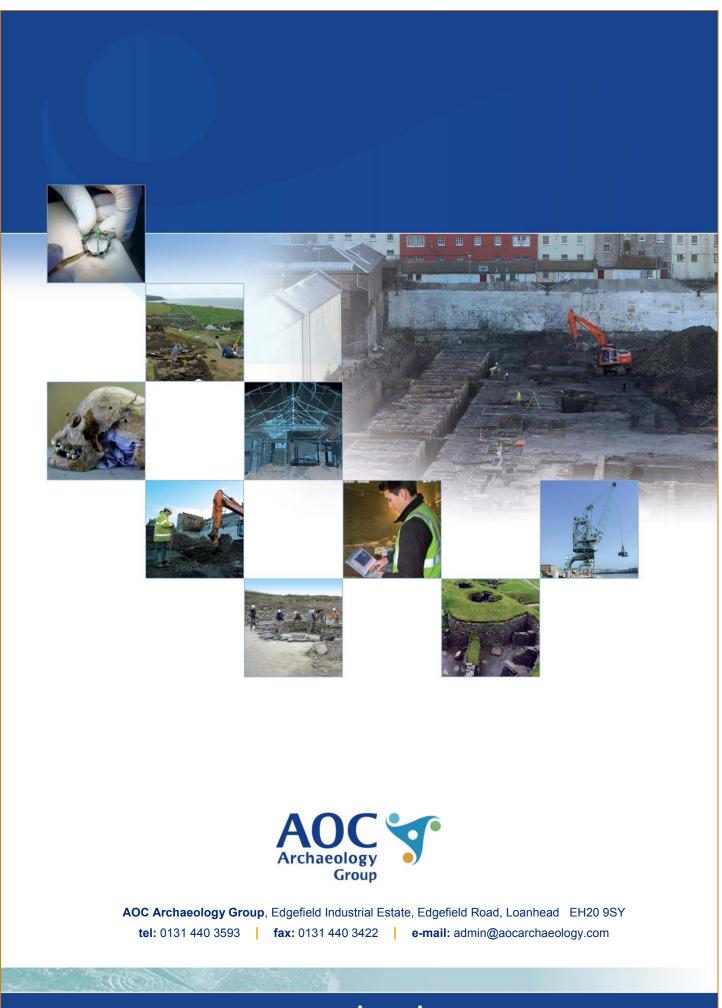
APPENDIX 2: Photographic Record

Digital Film

Frame	Trench	Description	From
1-2		Registration	
3-4	F.1	Working shot of foundation	E
5-6	F.2	Post-excavation shot of foundation	E

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME	Byres Farm, Garleton, Longniddry
PROJECT CODE:	AOC 22073
PARISH:	Haddington
NAME OF CONTRIBUTOR:	Martin Cook
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	N/A
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NT 49173 77183 and NT 49217 77084
START DATE (this season)	27 th February 2012
END DATE (this season)	27 th February 2012
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN(NARRATIVE)DESCRIPTION:(May include information from other fields)	An archaeologically monitored topsoil strip was undertaken prior to the construction of two wind turbines on a greenfield site at Byres Farm, Garleton, Longniddry, East Lothian.
	The archaeological works comprised the excavation of two foundation trenches totalling 50 m ² . Neither significant archaeological features nor unstratified artefacts were observed during the evaluation.
PROPOSED FUTURE WORK:	N/A
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Mr Roy Black
ADDRESS OF MAIN CONTRIBUTOR:	Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocarchaeology.com
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS

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



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