

Hedderwick Hill, Dunbar Phase 2

Archaeological Evaluation: Data Structure Report

AOC 22355

OASIS ID - aocarcha1-140954

14th January 2013



Hedderwick Hill, Phase 2: Archaeological Evaluation: Data Structure Report

On Behalf of:

James Barbour
Foxlake Adventures CIC
Hedderwick Stables
Dunbar
EH42 1XF

National Grid Reference (NGR): NT 6406 7785

AOC Project No: 22355

Prepared by: Jake Streatfeild-James

Illustration by: Jake Streatfeild-James

Date of Fieldwork: 14th January 2013

Date of Report: 14th January 2013

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

Author: Jake Streatfeild-James

Date: 14th January 2013

Approved by: Martin Cook

Date:

Draft Report Stage:

Date:

Enquiries to: AOC Archaeology Group
Edgefield Industrial Estate
Edgefield Road
Loanhead
EH20 9SY

Tel. 0131 440 3593
Fax. 0131 440 3422
e-mail. admin@aocarchaeology.com



www.aocarchaeology.com

Contents

	Page
List of illustrations.....	3
List of plates	3
List of appendice	3
Abstract	4
1 INTRODUCTION	5
1.1 Project Background	5
1.2 Site Location.....	5
1.3 Archaeological background	5
2 OBJECTIVES	5
3 METHOD	5
4 RESULTS	6
5 CONCLUSION.....	7
6 RECOMMENDATIONS	7
7 REFERENCES	8
APPENDIX 1: TRENCH SUMMARIES	10
Trench 1.....	10
APPENDIX 2: PHOTOGRAPHIC REGISTER.....	11
Digital	11
APPENDIX 3: 'DISCOVERY AND EXCAVATION IN SCOTLAND' REPORT	12

List of illustrations

Figure 1: Site Location

Figure 2: Trench Position

List of plates

Plate 1: Trench 1

Plate 2: Trench 1 Sample Section of Trench 1 at 40m

List of appendice

Appendix 1 Trench Summary

Appendix 2 Photographic Register

Appendix 3 *'Discovery and Excavation in Scotland'* Entry

Abstract

AOC Archaeology Group was commissioned Barbour Homes Ltd to undertake an archaeological evaluation in advance of an extension to an existing sporting lake at Hedderwick Hill near Dunbar in the East Lothian. The development area consists of c. 2500 m² of agricultural land situated due west of Dunbar, north of the A1. A single 70m trench was excavated through the centre of the development, no significant archaeological remains or artefacts were uncovered.

1 INTRODUCTION

1.1 Project Background

- 1.1.1 AOC Archaeology Group was commissioned by Barbour Homes Ltd to undertake an archaeological evaluation of the archaeological implications of the extension of an existing sporting lake at Hedderwick Hill, Dunbar. The proposed development lies within the administrative area of the East Lothian County Council, which is advised by East Lothian Council Archaeology Service. A programme of archaeological works had been specified by ELCAS in keeping with the policies outlined in *Scottish Planning Policy* (2010) and *PAN 2/2011 Planning and Archaeology* (2011) in order to record the extent and significance of any archaeological remains which may be present within the development area.
- 1.1.2 AOC undertook a 5% evaluation of the existing sporting lake (Phase 1) immediately to the north during 2010, finding the site to be archaeologically sterile, with modern field drains being the only visible anthropogenic activity (Cook, 2010).

1.2 Site Location

- 1.2.1 The proposed development area covers 2500 m² of agricultural land overlooking the estuary of the River Tyne from the South, and bordered by Dunbar to the east and the A1 to the South (centred NT 6406 7785, Figure 1).

1.3 Archaeological background

- 1.3.1 The proposed development contained no known sites of archaeological interest; the site is however in the vicinity of Hedderwick Hill House, which was demolished in 1961. The remains of the estate, ancillary buildings and walled gardens still survive to the west of the area.
- 1.3.2 No other sites of archaeological significance were identified within the proposed development.

2 OBJECTIVES

- 2.1 The objectives of the archaeological works are:
 - i) to determine 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 archaeological mitigation, such as further building recording, excavation, post-excavation analyses and publication, should significant archaeological remains be encountered that cannot be preserved *in situ*.

3 METHOD

- 3.1 The *Written Scheme of Investigation* (AOC 2013) proposed a trenching scheme sampling 5% of the total area, amounting to a total of 125m² or 62.5 linear metres with a width of 2.0m.

- 3.2 The trench was excavated with an 18 tonne 360° tracked excavator fitted with a 2.0 m wide ditching bucket. The trench details are summarised in Appendix 1. Machine excavation was conducted in shallow units/spits through topsoil/overburden to the upper surface of the underlying geological deposits. The evaluation trial trenching was undertaken according to AOC Archaeology Group's standard operating procedures as detailed with the *Written Scheme of Investigation* (AOC 2012).

4 RESULTS

- 4.1 The various data gathered from the evaluation is presented as a series of appendices
- i) Appendix 1 contains the trench summaries
 - ii) Appendix 2 contains the photographic register
 - iii) Appendix 3 reproduces the '*Discovery and Excavation in Scotland*' entry
- 4.2 Trial trenching was undertaken on the 14th January 2013 in overcast and wet conditions. Archaeological visibility was good throughout the operation.



Figure 1 View of Trench 1

- 4.3 No archaeological features or artefacts were identified during the evaluation. Topsoil was found to overlie subsoil to a uniform depth of 0.45m across the length of the trench. The topsoil comprised a clayey sand with small fragments of coal and coal sands as frequent inclusions. The natural subsoil

consisted of a vivid orange sand clay banding. At the eastern end of the trench a modern disturbance was visible in the section, excavated with a 'V' profile ditching bucket, and carrying a single clay field drain, which quickly flooded. A modern water service supplying the wake boarding facilities currently used at Fox Lake was observed against the natural.



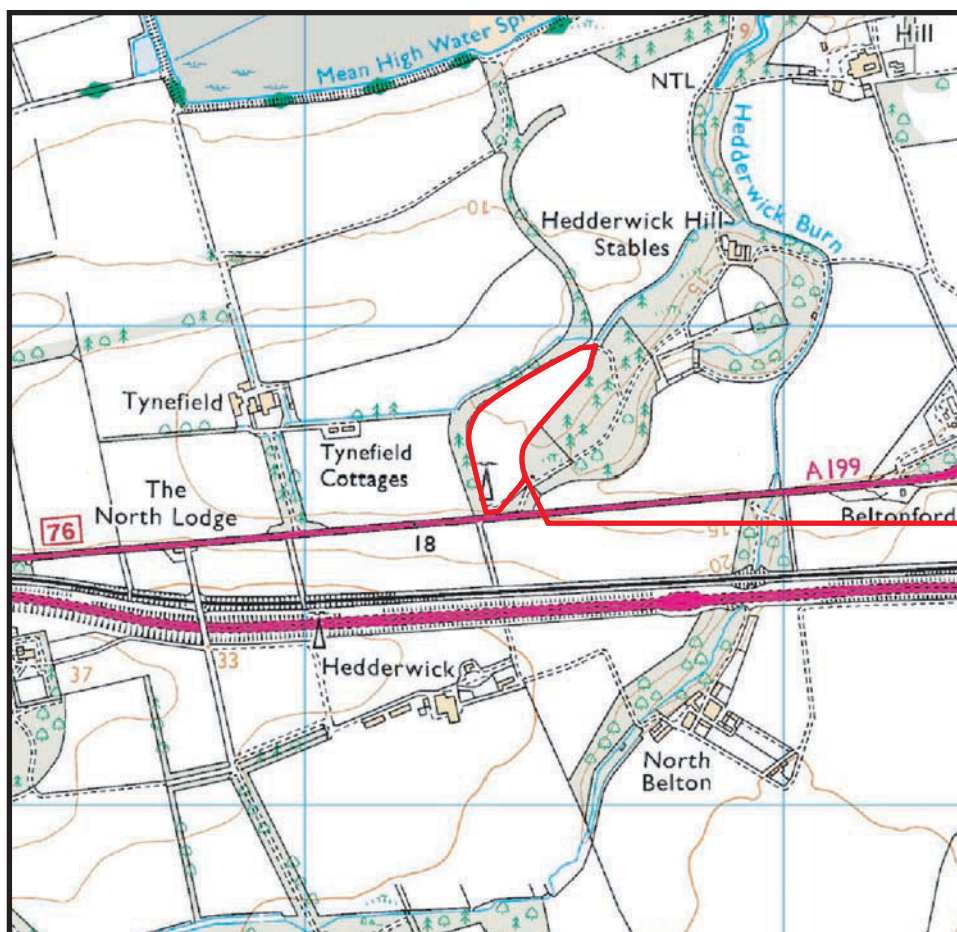
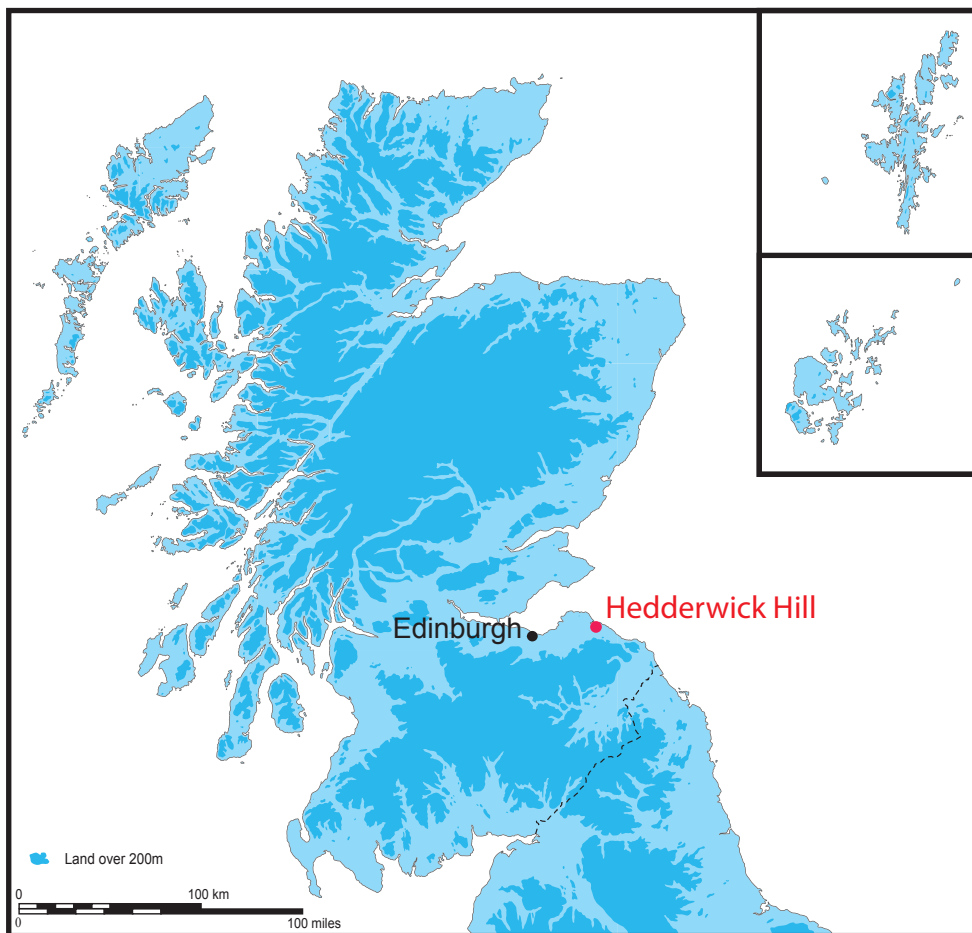
Figure 2 Sample Section of Trench 1 at 40m

5 CONCLUSION

- 5.1 Neither significant archaeological features nor unstratified artefacts were encountered during the evaluation. However, the absence of archaeological remains should not be considered as proof that no anthropogenic activity has taken place here. Rather it may to serve to highlight the impact of modern agricultural regimes on the archaeological record.
- 5.2.1 The significant balance of probability is that the development area is archaeologically sterile.

6 RECOMMENDATIONS

- 6.1 No further archaeological works are considered necessary. The recommendation will require confirmation by Andy Robertson, ELCAS.



Ordnance Survey © Crown copyright [2012] All rights reserved. Licence number 100023757.

Figure 1: Location of the site at Hedderwick Hill

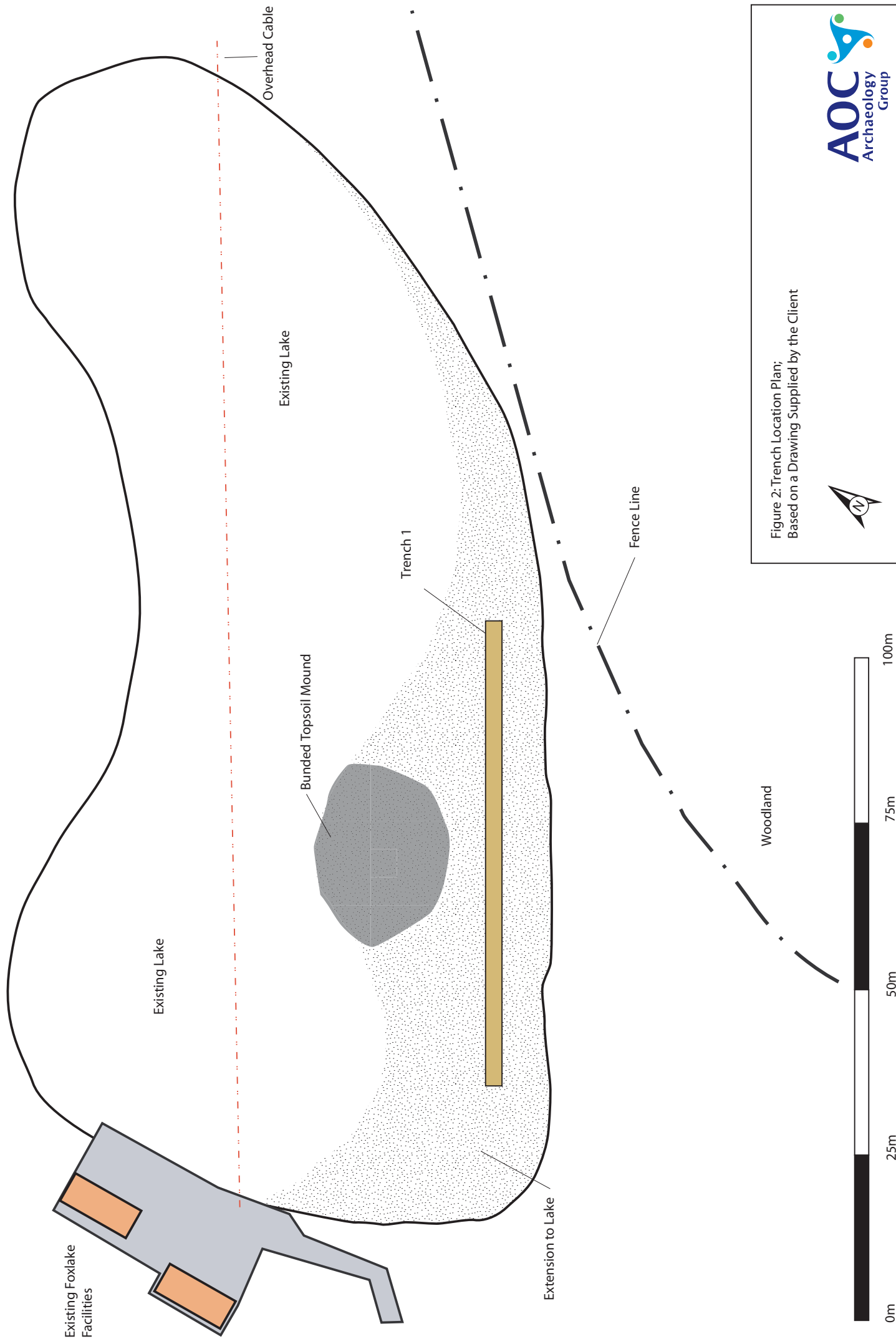


Figure 2: Trench Location Plan;
Based on a Drawing Supplied by the Client



7 REFERENCES

AOC Archaeology 2013 *Hedderwick Hill Phase 2, Written Scheme of Investigation*. AOC Archaeology Project Design. .

Cook, 2010 *Hedderwick Hill, Dunbar: Evaluation Data Structure Report*, AOC Archaeology Unpublished Data Structure Report

Scottish Government 2010 *Scottish Planning Policy*.

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

**Hedderwick Hill,
Phase 2
Archaeological Evaluation:
Data Structure Report**

Section 2: Appendices

APPENDIX 1: TRENCH SUMMARIES

Trench 1

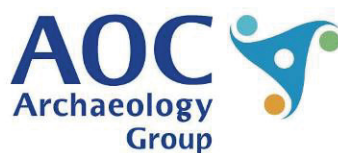
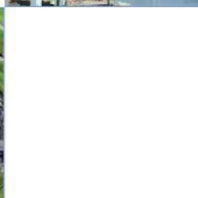
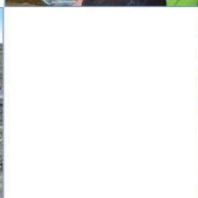
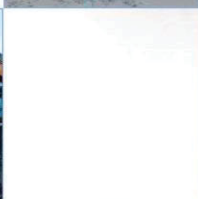
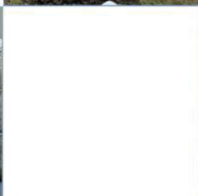
Dimensions	70 m by 2.0 m
Orientation	E-W
Depth of Topsoil	0.40 m to 0.45 m
Features	None
Drains	None
Subsoil	Orange Sand and Clay
Finds	None

APPENDIX 2: PHOTOGRAPHIC REGISTER**Digital**

Frame	Trench	Description	From
1	1	Trench 1 Flooding	N
2	1	Trench 1 Flooding	N
3	1	Trench 1 Post-Ex	W
4	1	Trench 1 Sample Section at 10m	N
5-6	1	Trench 1 Sample Section at 40m	N
7-9	1	Trench 1 Post-Ex	W

APPENDIX 3: 'DISCOVERY AND EXCAVATION IN SCOTLAND' REPORT

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME:	Hedderwick Hill, Phase 2
PROJECT CODE:	AOC 22355
PARISH:	Dunbar
NAME OF CONTRIBUTOR:	Jake Streatfeild-James
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)	NT 6406 7785
START DATE (this season)	14 th January 2013
END DATE (this season)	14 th January 2013
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	AOC Archaeology Group was commissioned Barbour Homes Ltd to undertake an archaeological evaluation on a leisure development at Hedderwick Hill near Dunbar in the East Lothian. The development area consists of c. 2500 m ² of agricultural land situated due west of Dunbar, north of the A1. A single 60m trench was excavated through the centre of the development, no significant archaeological remains or artefacts were uncovered.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	n/a
SPONSOR OR FUNDING BODY:	Barbour Homes Ltd
ADDRESS OF MAIN CONTRIBUTOR:	AOC Archaeology Group; Edgefield Road Industrial Estate; Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocarchaeology.com
ARCHIVE LOCATION	Archive to be deposited in NMRS



AOC Archaeology Group, Edgefield Industrial Estate, Edgefield Road, Loanhead EH20 9SY
tel: 0131 440 3593 | fax: 0131 440 3422 | e-mail: edinburgh@aocarchaeology.com

www.aocarchaeology.com