

North-East Quarry, Dunbar: Evaluation Data Structure Report

AOC Project 4393
22nd October 2010



North-East Quarry, Dunbar, Evaluation: Data Structure Report

On Behalf of:	Lafarge Cement UK Blue Circle House The Shore Northfleet Kent DA11 9AN
National Grid Reference (NGR):	NT 7171 7674
AOC Project No:	4393
Prepared by:	Martin Cook and Alan Duffy
Illustration by:	Stefan Sagrott
Date of Fieldwork:	19 th to 21 st October - 2010
Date of Report:	27 th October 2010

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

Author: Martin Cook	Date: 27 th October 2010
Approved by: John Gooder	Date: 27 th October 2010
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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

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Abstract

This report represents the results of an archaeological evaluation undertaken by AOC Archaeology Group on the site of a proposed quarry extension, at the North-East Quarry, Dunbar, East Lothian.

The archaeological evaluation comprised the excavation of five trenches, in supplementing a previously completed evaluation undertaken in 2005.

The trenches proved to be archaeologically sterile, with neither archaeological features nor artefacts being identified

No further works are considered necessary.

1 INTRODUCTION

1.1 Background

- 1.1.1 AOC Archaeology Group was commissioned by Lafarge Cement UK to undertake additional evaluation trenching across an area previously evaluated in 2005 (Gooder 2005); ahead of a proposed quarry extension at the Lafarge Cement UK North East Quarry development near East Barns, near Dunbar, East Lothian.
- 1.1.2 The proposed development lies within the administrative area of East Lothian Council, which is advised on archaeological matters by the East Lothian Council Archaeology Service (ELCAS). ELCAS recommended a programme of archaeological works in accordance with NPPG 5 (1994) and *Planning Advice Note 42* (1994) in determining the nature, extent, condition, date and significance of any archaeological remains within the proposed development area.
- 1.1.3 A *Written Scheme of Investigation* (AOC 2005) was previously agreed with ELCAS in advance of the original evaluation being undertaken. The evaluation was designed to compliment the original works, and consisted of five trenches totalling 1570 m².
- 1.1.4 Neither significant archaeological features nor artefacts were identified.

1.2 Location

- 1.2.1 Located approximately 3 km south-east of Dunbar, East Lothian, the North East Quarry land-take covers an area of approximately 182 ha and lies between the main east coast railway line and the foreshore (centred NGR: NT 7252 7620; Figure 1). The targeted field was located to the immediate east of the Barns Ness Road (NGR: NT 7171 7674; Figure 2).

1.3 Archaeological background

- 1.3.1 A desk-based assessment completed in 2000 summarised the known archaeological record of the area (Barber & Gooder 2000).
- 1.3.2 An archaeological evaluation completed across the area in 2005 identified a suite of prehistoric features including late prehistoric stone-built roundhouse settlement, post-built roundhouse settlement and features possibly associated with a palisaded enclosure (NMRS: NT77NW 30) (Gooder 2005).

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

- 3.1 The trenching was designed to compliment the earlier phases of works (Gooder 2005) and evaluate specific areas that it was felt would benefit from further trenching. The evaluation was designed to establish the extent, condition, character, quality, significance and date of any archaeological features present within the site area. The trenching comprised the excavation of five additional trenches of varying size and orientation.
- 3.2 Due to the presence of a buried service Trench 2 was reduced in size by 25 m. The sizes of Trenches 1 and 5 were correspondingly increased.
- 3.3 Stripping of the overburden was by means of a JCB excavator equipped with a 1.7 m wide 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.
- 3.4 All trial trenching 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 evaluation was undertaken between 19th and 21st October 2010. Overall weather conditions were good, comprising overcast but dry conditions yielding good archaeological visibility. The following should be read in conjunction with the data presented in Appendices 1-3 and Figure 2.
- 4.1.2 The excavation of the trenches revealed topsoil comprising soft, sticky red/brown silty sand. Very few modern finds were identified within the topsoil. Underlying the topsoil, natural subsoil varied between gravels across the majority of the suite, and sands at the northern end.
- 4.1.3 No evidence was identified for ceramic or earlier rubble drains, reflecting the good drainage rendered by the gravel subsoil.
- 4.1.4 Neither significant archaeological features nor artefacts were identified.



Plate 1: Post-excavation shot of Trench 2

5 CONCLUSION

- 5.1 No significant archaeological remains or artefacts were identified during the evaluation.

6 RECOMMENDATIONS

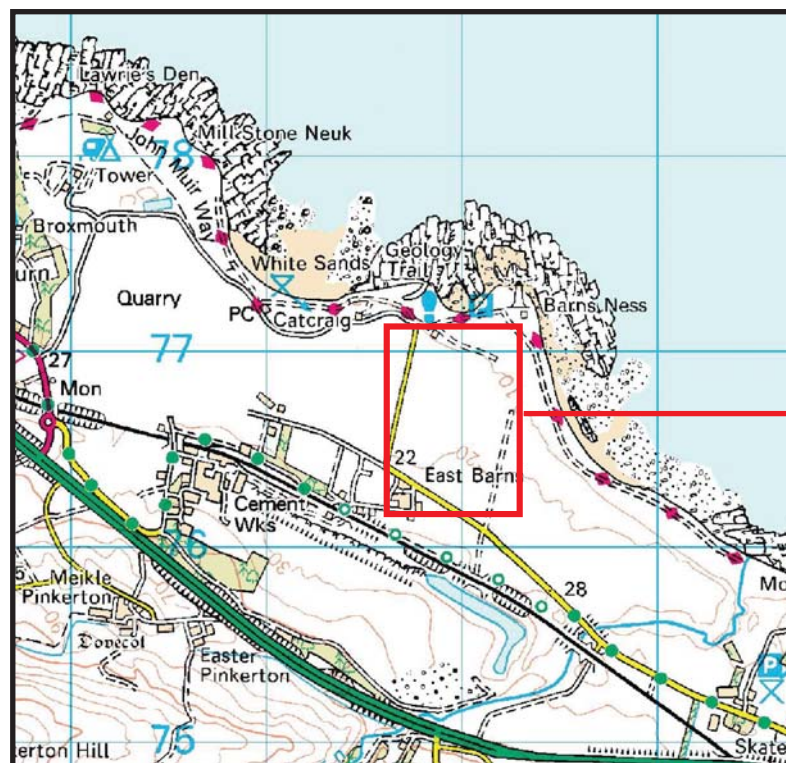
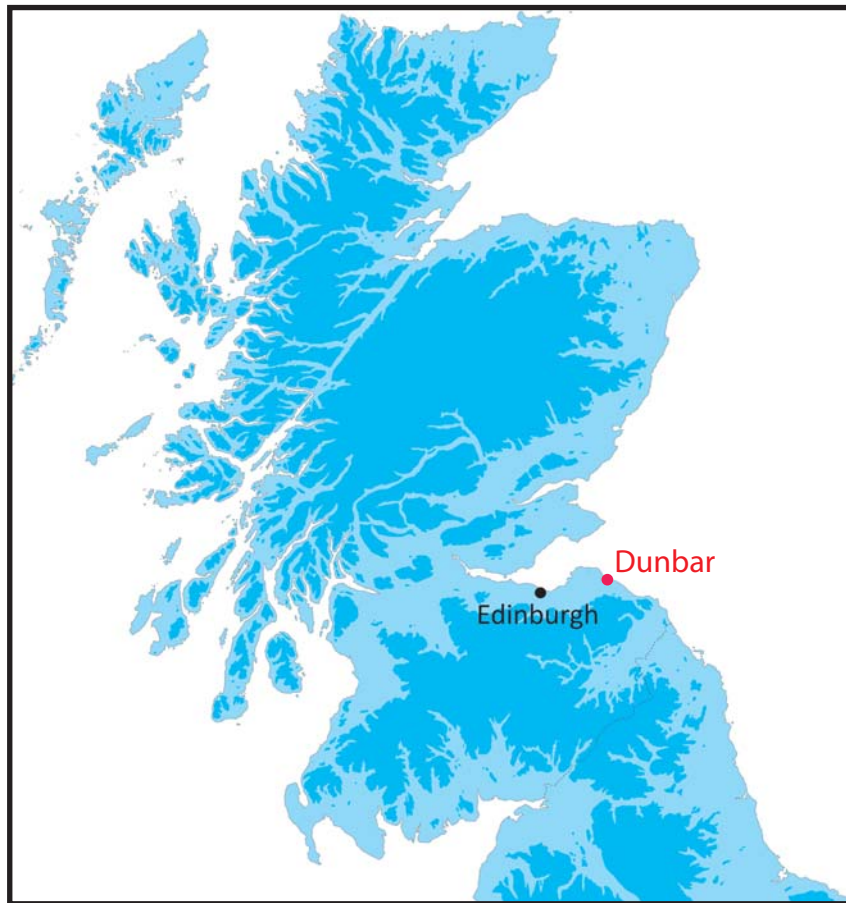
- 6.1 No further archaeological works are considered necessary. This recommendation will require confirmation by ELCAS on behalf of East Lothian Council.

7 BIBLIOGRAPHIC REFERENCES

AOC Archaeology 2005 North-East Quarry Dunbar: *Addendum to Written Scheme of Investigation*. Unpubl AOC Archive Document.

Barber, J.W. & Gooder, J.W. 2000 North-East Quarry, Dunbar: archaeological desk-based assessment. Unpublished AOC Archaeology Group client report.

Gooder, J North-East Quarry Evaluation: *Data Structure Report*. Unpubl AOC Archive Document.



Site Area

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Figure 1: Location of the site at East Barns, Dunbar

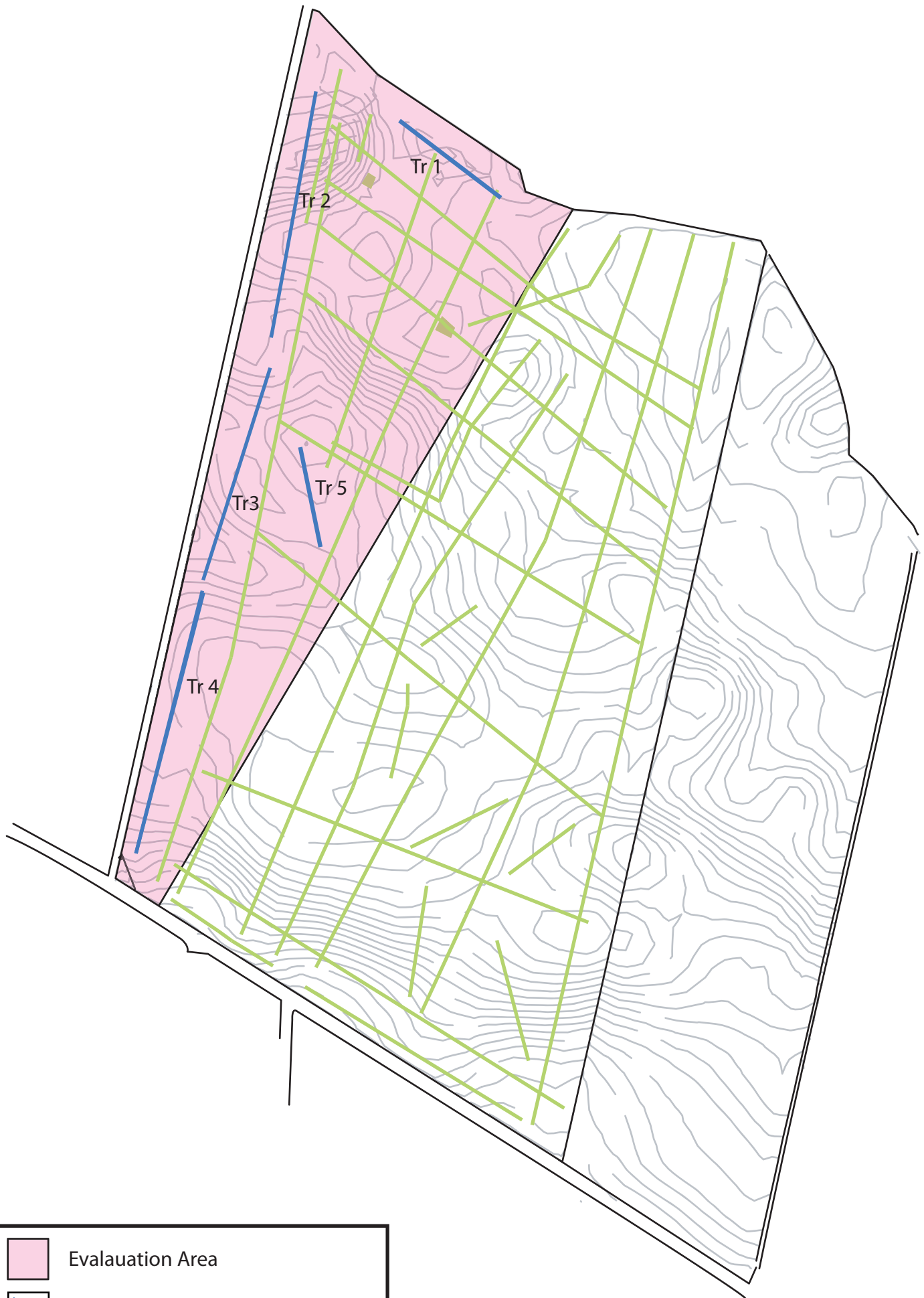
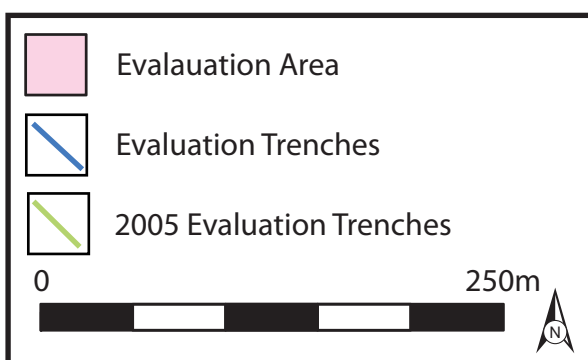


Figure 2: Evaluation trenches at East Barns, Dunbar



North-East Quarry Evaluation: Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	85 m by 1.7 m
<i>Orientation</i>	NW-SE
<i>Depth of Topsoil</i>	0.40-0.70 m
<i>Depth of Excavation</i>	0.45-0.75 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Gravel
<i>Finds</i>	None

Trench 2

<i>Dimensions</i>	190 m by 1.7 m
<i>Orientation</i>	N-S
<i>Depth of Topsoil</i>	0.37-0.53 m
<i>Depth of Excavation</i>	0.40-0.55 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Gravel
<i>Finds</i>	None

Trench 3

<i>Dimensions</i>	190 m by 1.7 m
<i>Orientation</i>	N-S
<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>	None
<i>Subsoil</i>	Gravel
<i>Finds</i>	None

Trench 4

<i>Dimensions</i>	240 m by 1.7 m
<i>Orientation</i>	N-S
<i>Depth of Topsoil</i>	0.30-0.40 m
<i>Depth of Excavation</i>	0.35-0.45 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Gravel
<i>Finds</i>	None

Trench 5

<i>Dimensions</i>	80 m by 1.7 m
<i>Orientation</i>	NW-SE
<i>Depth of Topsoil</i>	0.40-0.50 m
<i>Depth of Excavation</i>	0.45-0.55 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Gravel
<i>Finds</i>	None

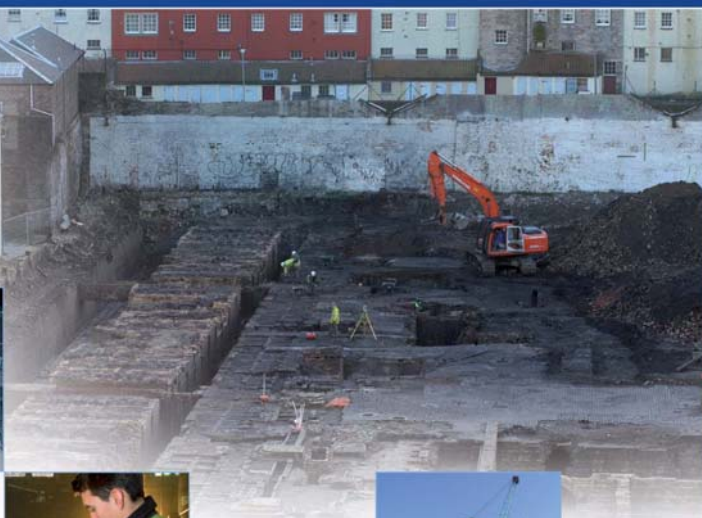
APPENDIX 2: Photographic Record

Black & White Print/ /Digital Film 1

Frame	Trench	Description	From
1-2		Registration	
3-4	4	Post-excavation shot of trench	S
5-6	4	Post-excavation shot of trench	N
7-8	3	Post-excavation shot of trench	S
9-10	3	Post-excavation shot of trench	N
11-12	2	Post-excavation shot of trench	S
13-14	2	Post-excavation shot of trench	W

APPENDIX 3: *Discovery and Excavation in Scotland* Report

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME	North-East Quarry
PROJECT CODE:	AOC 4393
PARISH:	Dunbar
NAME OF CONTRIBUTOR:	Martin Cook
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NT 7171 7674
START DATE (this season)	19 th October 2010
END DATE (this season)	21 st October 2010
PREVIOUS WORK (incl. DES ref.)	Gooder & Cook, J & M (2005a) 'Lafarge Cement UK North-East Quarry, Dunbar (Dunbar parish), evaluation' <i>Discovery Excav Scot</i> , vol.6 Page(s): 51
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological evaluation was undertaken on the proposed quarry extension; at Lafarge Cement UK North East Quarry development at East Barns, near Dunbar, East Lothian. The evaluation complimented an earlier phase of works across the same area (DES 2005). The archaeological evaluation consisted of five trenches amounting to 1570 m ² . Neither archaeologically significant finds nor features were encountered.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	---
SPONSOR OR FUNDING BODY:	Lafarge Cement UK
ADDRESS OF MAIN CONTRIBUTOR:	Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocscot.co.uk
ARCHIVE LOCATION (intended/deposited)	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: admin@aocarchaeology.com

www.aocarchaeology.com