

CFA Archaeology Ltd

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Advice on Archaeology & Planning

Environmental Impact Assessment

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Finds/ Environmental Analysis

Field Evaluation & Excavation

Historic Building Recording


Site & Landscape Survey


Geophysical Survey

Blackdykes, Tantallon, North Berwick

**Archaeological Archive Assessment
& Monitored Strip**

Report No. 3111

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This document has been prepared in accordance with CFA Archaeology Ltd standard operating procedures.

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1. INTRODUCTION

1.1 General

This report presents the results of an archaeological monitored strip and archive assessment undertaken by CFA Archaeology Ltd (CFA) on land at Blackdykes, Tantallon, North Berwick (NT 57981 83687) (Fig. 1). The work was commissioned Mr Hew Dalrymple and was carried out on 7 October 2013 and 11 December 2013.

A Written Scheme of Investigation (WSI) dated 16 September 2013 was produced by CFA Archaeology Ltd. The WSI was designed to fulfil the requirements of the East Lothian Council Archaeology Service (ELCAS).

1.2 Background

Planning permission was granted, subject to an archaeological condition, for the erection of two wind turbines and the excavation of associated grid connection cabling.

1.3 Objectives

The objectives of the programme of archaeological works are

- To conduct an appropriate programme of archaeological investigation (monitored strip) to monitor all groundbreaking works to ensure works are cleared of topsoil and other modern overburden to identify either undisturbed natural subsoil or archaeological features (whichever comes first).
- To mitigate the effects of construction on any archaeological deposits or features identified through excavation and recording and produce a report on them.

2. WORKING METHODS

2.1 General

CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Fieldwork. Recording of all elements followed established CFA methods, as detailed in the approved WSI.

2.2 Archive Assessment

A desk-based assessment was conducted to put this work within the local context. The NMRS and Historic Environment Record site databases were consulted. Readily available historical mapping were also consulted. Sites with statutory designations were identified.

2.3 Monitored Strip

The terms of the WSI required an appropriate programme of archaeological investigation (Monitored Strip) to monitor ground breaking works. Excavation was undertaken with a mechanical excavator with a smooth-bladed ditching bucket, under constant archaeological supervision.

The ground breaking works consisted of the excavation of a cable trench for the grid connection and 2No. 5.5m x 5.5m square trenches for the turbine bases.

3. ARCHAEOLOGICAL RESULTS

3.1 Archive Assessment

General

The location of the proposed development is within an area containing significant archaeological remains, dating from the prehistoric through to the 19th century. A number of these sites are deemed to be of sufficient significance to be Scheduled. The general area is thus deemed to have a high archaeological potential.

Historic Scotland

Blackdykes Steading, Cartshed and Horsemill is B listed (MEL 1311) and was built sometime in the late 1820s or soon thereafter.

The closest Scheduled Monument, Tantallon Castle (SM No. 13326), is c.2km to the north-east of the site.

The designed landscape at Leuchie (Designed Landscape and Garden No. 258) lies c.0.5km to the south-west of the site. This incorporates the Category A listed Leuchie House; Category C(S) listed stables; and a Category C(S) listed gate lodge with entrance gates.

SMR / NMRS

A possible prehistoric enclosed settlement identified by cropmarks (MEL 7807) is located c.1.3km to the west of the site and the deserted medieval settlement at Gleghornie (MEL 1272) lies c.1.5km to the south-east of the site.

Historic Maps

Historic maps are either too schematic to provide any detail or show the area as open fields.

The Ordnance Survey 6" to 1 mile editions from 1853 to 1906 show the site as an undeveloped agricultural field.

3.2 Monitored Strip

Numbers in bold in the following text refer to contexts, a full list of which is contained in Appendix 1.

The cable trench, which was c.0.3m wide, was excavated from the steading, where the grid connection equipment was installed, out in to the open field where it branched to connect each of the turbines. The turbine bases were each 5.5m x 5.5m.

Where the grid connection entered the steading it was taken under the foundation course which was only c.0.25m below the current ground surface and c.0.35m deep, indicating that the buildings were only built on shallow foundations.

No archaeological features or deposits were identified but the topsoil (001) was c.0.3m deep and overlay natural (002) orangey brown sandy clay and mottled grey clay.

4. CONCLUSION

A monitored strip was carried out during ground breaking works for the installation of two turbine bases and an associated grid connection cable.

No archaeological features or deposits were identified but the topsoil (001) was c.0.3m deep and overlay natural (002).

No further work is recommended: however, it is understood that the final decision rests with the planning authority as advised by ELCAS.

The project archive, comprising all CFA record sheets, plans and reports, will be deposited with the RCAHMS and copies of reports lodged with ELCAS.

The results of this watching brief will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 3). An *OASIS Scotland* entry will also be completed and these will be sufficient for the dissemination of this information.

5. REFERENCES

Cartographic

Ainslie, J, 1821 Ainslie's Map of the Southern Part of Scotland.

Forrest, W, 1799 Map of Haddingtonshire.

Ordnance Survey Haddingtonshire, Sheet 2, surveyed 1853, published 1854.

Ordnance Survey Haddingtonshire, Sheet III.SW surveyed 1893, Published 1895.

Ordnance Survey Haddingtonshire III.SW & SE surveyed 1906, Published 1908.

Roy, W 1752 -55 Military Map, Lowlands.

Sharp, T Greenwood, G & Fowler, W 1824, Map of the County of Haddington.

Thompson, J 1832, John Thompson's Atlas of Scotland.

APPENDIX 1: Context Register

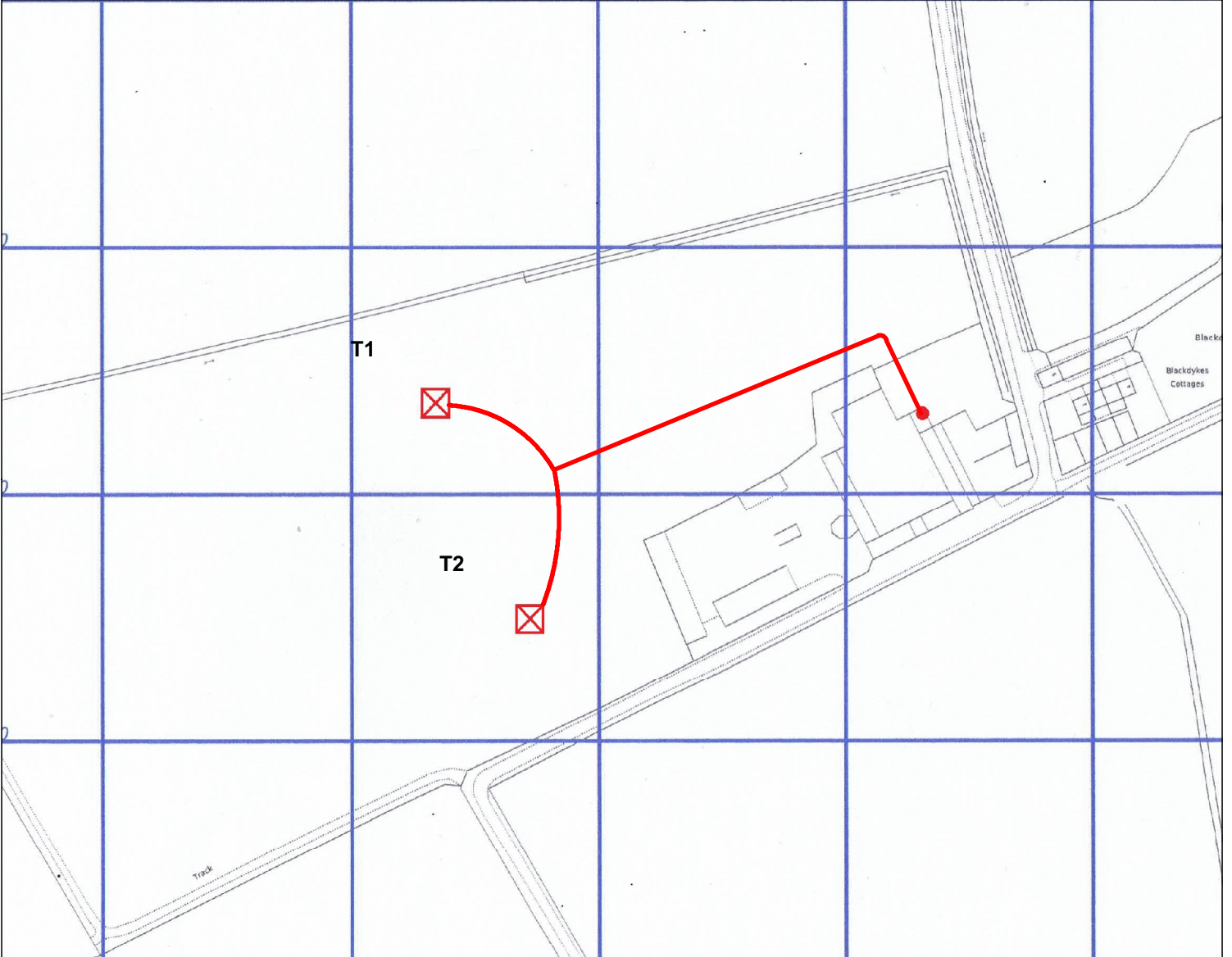
Context No.	Description
001	Topsoil: grey-brown clayey silt
002	Natural: orangey brown sandy clay and mottled grey clay

APPENDIX 2: Photographic Register

No.	Description	From
1	Cable trench running from steading before entering the open fields	N
2	Cable trench running from steading before entering the open fields	S
3	Cable trench showing foundation of steading	N
4	Main northeast-southwest aligned section of cable trench	E
5-6	Main northeast-southwest aligned section of cable trench	W
7	Main northeast-southwest aligned section of cable trench	E
8	General shot of route of cable trench in open field	E
9	General shot of route of cable trench running towards steading	N
10	Cable trench from location of Turbine 2 running back towards main cable trench	S
11	Fork in cable trench running towards Turbine 1	S
12-13	Turbine Base 1	SW
14-15	Turbine Base 2	SW

APPENDIX 3: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME:	Blackdykes, Tantallon, North Berwick
PROJECT CODE:	BLYK2
PARISH:	North Berwick
NAME OF CONTRIBUTOR:	Bruce Glendinning
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Monitored Strip
NMRS NO(S):	-
SITE/MONUMENT TYPE(S):	-
SIGNIFICANT FINDS:	-
NGR (2 letters, 10 figures)	NT 57981 83687
START DATE (this season)	7 October 2013
END DATE (this season)	11 December 2013.
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A monitored strip was carried out during groundbreaking works for the installation of two wind turbines and an associated grid connection. No archaeological features were revealed.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Mr Hew Dalrymple
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record of Scotland (archive) East Lothian Council Archaeology Service (report)



Key:

- Turbine Location
- Approximate grid connection point
- Cable Route

Scale at A4:
1:2,500

Fig. No: 1 Revision: Client: Hew Dalrymple

Title: Location Plan

Project: Blackdykes, Tantallon, North Berwick, Archaeological Archive Assessment and Monitored Strip

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Fig. 2: Cable trench towards buildings



Fig. 3: Cable trench running SW to NE



Fig. 4: Turbine 1 - Base Excavation



Fig. 5: Turbine 2 - Base Excavation

Fig. No: 2-5	Revision: A	Project: Blackdykes, Tantallon, North Berwick, Archaeological Archive Assessment and Monitored Strip
Drawn by: SW	Checked: BG	Report No.: 3111
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