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**Wind Turbine, Dillars Hill,
Dillars, Brocketsbrae,
South Lanarkshire**

Archaeological Watching Brief

Report No. 2002

CFA ARCHAEOLOGY LTD

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1. INTRODUCTION

1.1 General

This report presents the results of an archaeological watching brief undertaken by CFA Archaeology Ltd (CFA) between 10th January 2012 and 18th January 2012 (Phase 1) and 18th June 2012 (Phase 2) on land at Dillars Hill (NGR: NS 831 418) (Fig. 1). The work was commissioned by Dulas Ltd.

A Written Scheme of Investigation (WSI) dated 27 October 2011 was produced by CFA on behalf of Dulas Ltd. The WSI was designed to fulfil the requirements of the West of Scotland Archaeology Service (WoSAS).

1.2 Background

Planning permission has been granted for the construction of two wind turbines on land at Dillars Hill (Fig. 2). The planning permission was subject to a condition requiring an archaeological watching brief during all ground breaking works required for the construction of the turbines including, but not limited to, the turbine bases, access road, cabling, and other associated infrastructure.

2. Objectives

The objectives of the programme of archaeological works were:

- To conduct an appropriate programme of archaeological investigation (watching brief) to monitor all groundbreaking works for the construction of the turbines, access roads, cabling and associated infrastructure.
- 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 Archaeological Watching Brief

The terms of the WSI required an appropriate programme of archaeological investigation (watching brief) to monitor ground breaking works. Excavation was undertaken using a mechanical digger with a straight-edged bucket under constant archaeological supervision.

All discoveries, including soil profiles and subsoil characteristics, were recorded using standard CFA recording forms and digital photography.

3. ARCHAEOLOGICAL RESULTS

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

The ground breaking works consisted of the excavation of a 4m wide access track, a crane pad, the foundations for Turbine 2 (NGR: NS 83077 41827), and the foundations for Turbine 1 (NGR: NS 83125 41797).

The 4m wide access track, located c.3m east of the present fence line, was stripped of topsoil to a depth of 0.25m-0.3m to reveal the natural substrate (Fig. 2). The topsoil consisted of mid-brown clayey silt (**001**). The natural consisted of orange-brown sandy clay with small sub-angular stones (**002**).

An area approximately 8m by 8m for the western turbine base (Turbine 2) (Fig. 4) and an adjacent area measuring 20m by 20m for the crane pad (Fig. 3) were stripped of topsoil to natural subsoil. Topsoil was 0.2-0.35m of mid-brown clayey silt (**001**). Natural substrate was orange-brown sandy clay with small sub-angular stones (**002**); towards the eastern edge of the stripped area the natural was a grey-brown sandy clay with small sub-angular stones (**004**).

An area approximately 7m by 7m for the eastern turbine base (Turbine 1) was stripped of topsoil to natural subsoil (Fig. 5). Topsoil was 0.3m of mid-brown sandy silt (**005**) with 0.3m of grey-brown mottled sandy boulder clay (**004**).

There were no features, deposits or artefacts of archaeological significance identified.

4. CONCLUSION

A watching brief was carried out during ground works for the erection of two wind turbines on land at Dillars Hill, Dillars, Brocketsbrae, South Lanarkshire.

There were no features, deposits or artefacts of archaeological significance identified during the watching briefs.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the National Monuments Record of Scotland (NMRS).

A summary statement of the results of this watching brief will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 3) and an online OASIS form will be completed.

APPENDIX 1: Context Register

Context No.	Description
001	Topsoil – mid-brown clayey silt
002	Subsoil – orange-brown sandy clay
003	Brown-black burnt deposit overlying subsoil
004	Subsoil – grey-brown sandy clay
005	Topsoil - mid brown sandy silt

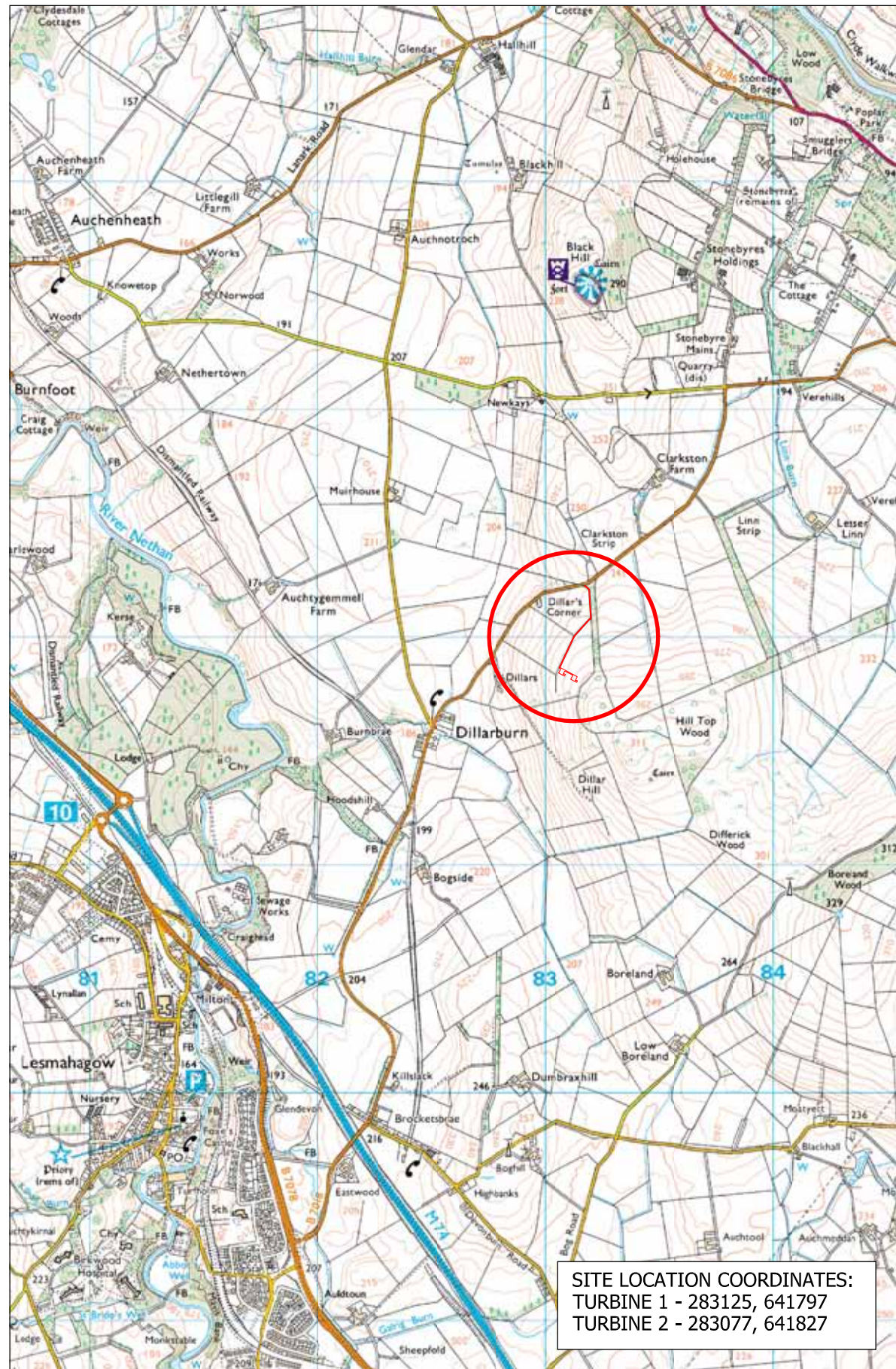
APPENDIX 2: Photographic Register

Digital Images

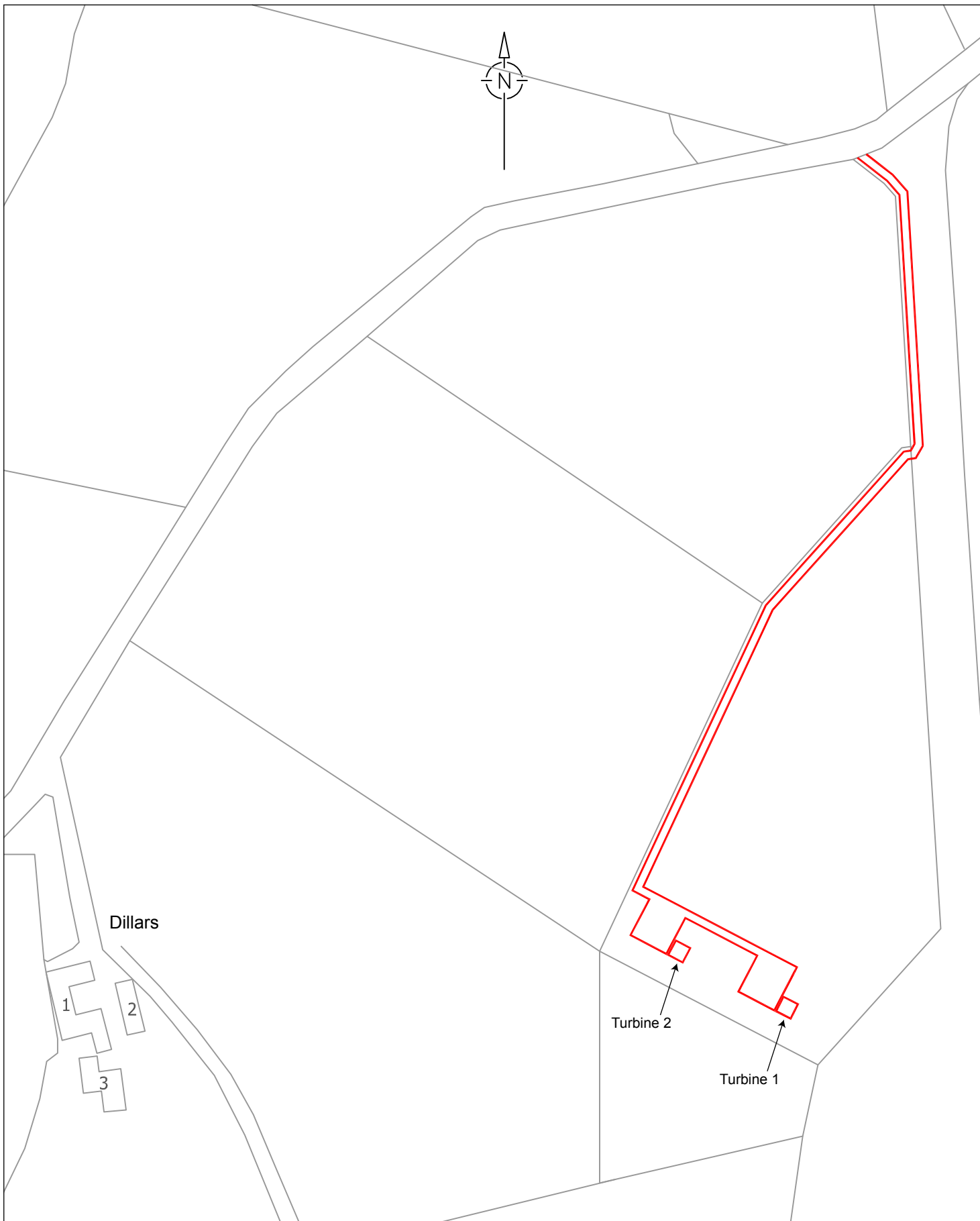
Number	Description	From	Conditions
1	Existing track, pre-excavation	N	Overcast
2	General working shot	N	Overcast
3	Line of track, pre-excavation	SW	Sun
4	General view from Dillars Hill showing route of access track	S	Sun
5	General working shot showing part of stripped access track	NE	Sun
6	Line of track, pre-excavation	NE	Clear
7	General view showing part of stripped access track	NE	Sun
8	General view showing part of stripped access track	N	Overcast
9	General location of burnt organic patch (003) in access track	N	Overcast
10-11	Detail view of patch of burnt organic material (003) below topsoil in access track	E	Overcast
12	General view showing stripped access track	N	Mist
13	General shot of west crane pad	E	Sun
14-15	Base for west crane pad and west turbine base stripped to natural subsoil	NE	Sun
16	General shot of stripped area for west turbine base, working shot of test pit	E	Sun
17-18	General views of stripped area for east turbine base	NE	Sun

APPENDIX 3: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	South Lanarkshire
PROJECT TITLE/SITE NAME:	Two Wind Turbines, Dillars Hill, Dillars, Brocketsbrae, South Lanarkshire
PROJECT CODE:	DILL
PARISH:	Lesmahagow
NAME OF CONTRIBUTOR:	Alison McCaig
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Watching Brief
NMRS NO(S):	-
SITE/MONUMENT TYPE(S):	-
SIGNIFICANT FINDS:	-
NGR (2 letters, 10 figures)	NS 831 418
START DATE (this season)	January 2012
END DATE (this season)	January 2012
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A watching brief was carried out during ground works for the construction of two wind turbines on land at Dillars Hill. There were no features, deposits or artefacts of archaeological significance identified during the watching brief.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Dulas Ltd
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) West of Scotland Archaeology Service (report)



OS Location Plan - Scale 1:25000



OS Site Plan - Scale 1:2500

Key:
 Watching brief areas

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Fig. No: 1 Revision: A

Title:
Location map showing watching brief areas

Project:
Dillars Hill, Brocketsbrae

Scale at A3:

Client:
Dulas Ltd

Drawn by: LW Checked by: LW Report No: 2002



Fig. 2 - Topsoil stripping along access track



Fig. 3 - Crane pad stripped of topsoil from north-east

Fig. No:	2-3	Revision:	A	Scale:		Project:	Dillars Hill, Brocketsbrae
Drawn by:	LW	Checked:	LW	Report No:	2002	Client:	Dulas Ltd

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Fig. 4 - Turbine base 2 stripped of topsoil from east



Fig. 5 - Turbine base 1 stripped of topsoil from north-east

Fig. No: 4-5	Revision: A	Scale:	Project: Dillars Hill, Brocketsbrae
Drawn by: LW	Checked: LW	Report No: 2002	Client: Dulas Ltd

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