

CFA Archaeology Ltd

archaeological consultants

Advice on Archaeology & Planning

Environmental Impact Assessment

Interpretation, Design & Display

Finds/ Environmental Analysis

Field Evaluation & Excavation

Historic Building Recording

Site & Landscape Survey

Geophysical Survey

Mid Hill Wind Farm Extension, Fetteresso, Aberdeenshire Archaeological Mitigation Works

Report No. 2128

CFA ARCHAEOLOGY LTD

The Old Engine House
Eskmills Business Park
Musselburgh
East Lothian
EH21 7PQ

Tel: 0131 273 4380
Fax: 0131 273 4381
email: info@cfa-archaeology.co.uk
web: www.cfa-archaeology.co.uk

Author	Philip Karsgaard MA
Illustrator	Leeanne Whitelaw BSc MifA
Editor	Melanie Johnson MA PhD FSA Scot MifA
Commissioned by	Natural Power Consultants Ltd
Date issued	October 2012
Version	0
OASIS Reference	cfaarcha1-134635
Grid Ref	NO 714 851

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

**Mid Hill Wind Farm Extension,
Fetteresso, Aberdeenshire
Archaeological Mitigation Works**

Report No. 2128

CONTENTS

1.	Introduction	3
2.	Working Methods	3
3.	Archaeological Results	4
4.	Conclusions	4

Appendices

1.	Digital Photographic Register	5
2.	Discovery & Excavation in Scotland Entry	6

Illustrations (bound at rear)

Fig. 1 Location map

Fig. 2 General view of Site 1: peat cutting

Fig. 3 General view of felled area and existing forestry track

1. INTRODUCTION

1.1 General

This report presents the results of archaeological mitigation works carried out at the Mid Hill Wind Farm Extension, Aberdeenshire (NGR: NO 714 851) (Fig. 1). The work was carried out by CFA Archaeology Ltd (CFA) in September 2012 and was commissioned by Natural Power Consultants Ltd.

1.2 Background

The Mid Hill Wind Farm Extension lies on the south side of Fetteresso Forest, to the west of Stonehaven, and comprises an 8 turbine extension to Mid Hill Wind Farm, consented under Section 36 of the Electricity Act 1989.

A Written Scheme of Investigation (WSI) was produced by CFA Archaeology Ltd for Natural Power and was designed to meet the requirements of the Aberdeenshire Council Archaeology Service (ACAS). This set out the programme of archaeological works as Phase 1 of a possible multi-phase archaeological mitigation necessitated by the development.

No existing cultural heritage sites had been identified in the areas to be affected by the wind farm extension.

1.3 Objectives

The objectives of the mitigation works were:

- To conduct a post-felling survey of Turbines 28-33 along with their associated infrastructure.
- To identify the needs for any further work (Phase 2) arising out of the programme of work described above.

2. WORKING METHODS

2.1 General

All work was conducted in order to comply with the requirements of the ACAS. CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance where appropriate.

2.2 Post-felling Walkover Survey

The walkover survey was required following felling and prior to construction. This was designed to identify any previously unrecorded archaeological features that might survive within the previously afforested area and thus be affected by the development. Appropriate mitigation proposals would be brought forward in relation to significant discoveries.

The survey was designed to provide a written and graphic account of the surface remains present. All individual features were described, photographed and sketched, and provided with an OS grid reference taken with DGPS.

3. ARCHAEOLOGICAL RESULTS

The walkover survey followed the existing and proposed trackways to Turbines 28-33 and visited the turbine base locations. Survey was conducted in a 100m corridor centred on these tracks and turbine base locations.

Felled areas had a thick surface covering of brash, mulch and younger felled trees, and the ground had been heavily disturbed by tree furrows. Areas along proposed tracks had also suffered surface disturbance from the passage of machines and vehicles.

One site was located during the walkover survey. Site 1 (Fig. 2) was an area of possible peat exploitation or borrow-pitting, located on the north side of the existing track between Turbines 30 and 31. A roughly crescentic cut, extending approximately 75m E-W and 25m N-S, was identified on the gentle slope to the north, and had removed the peat overburden to a depth of up to 1.2m. The site lies about 5m to the north of the existing track.

No further archaeological sites were identified in the survey area.

4. CONCLUSION

A programme of archaeological mitigation works was carried out at the Mid Hill Wind Farm Extension site. This work consisted of a post-felling walkover survey of Turbines 28-33 and their associated infrastructure. One site of possible peat-cutting was identified in the study area.

CFA recommend that no further work is required prior to construction, though the final decision remains with ACAS on behalf of the planning authority.

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

A summary statement of the results of this excavation will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 2).

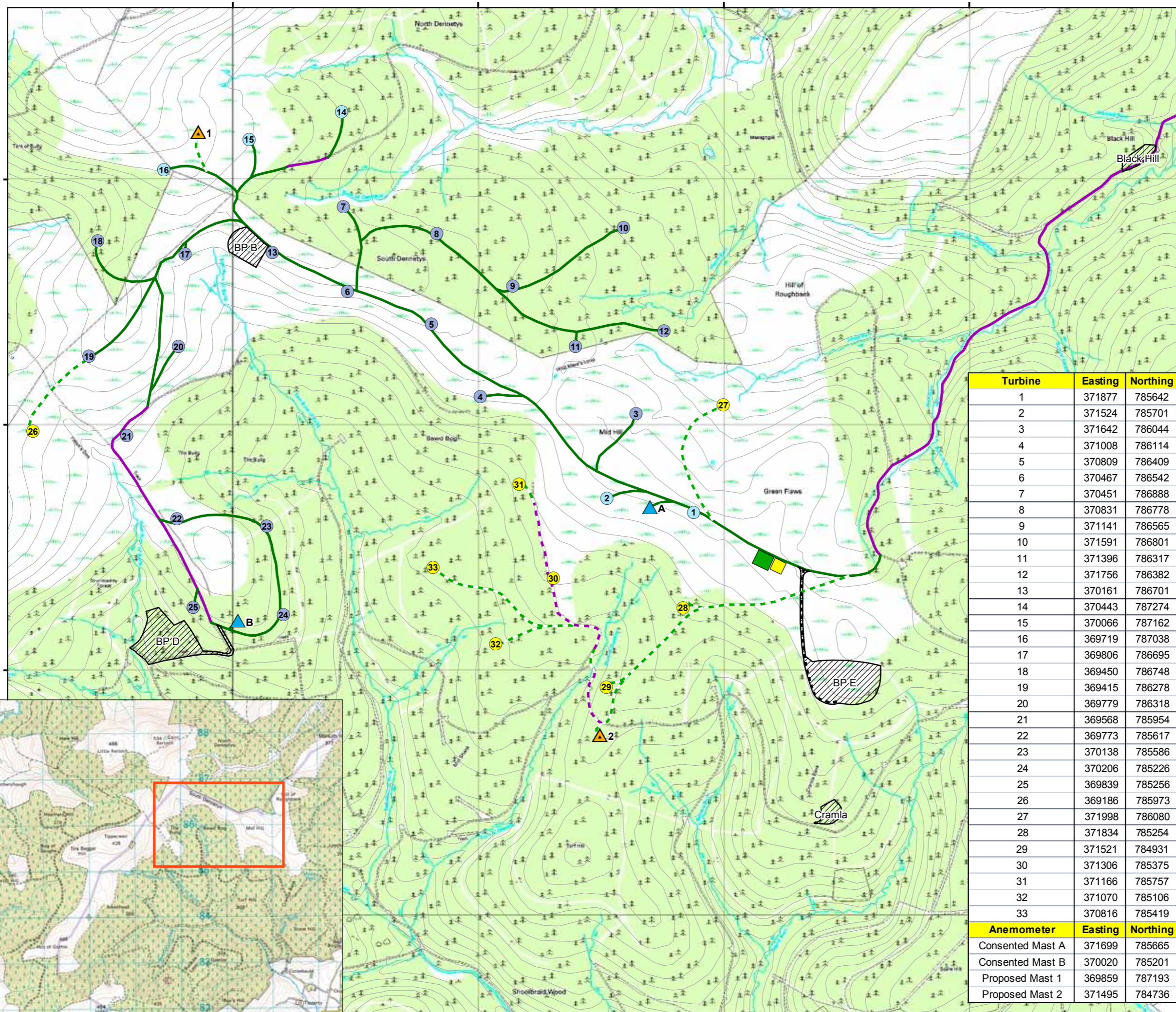
APPENDIX 1: Digital Photographic Register

Shot No.	Summary description of subject	Taken from	Conditions
1	View of survey area at edge of felled area, northern end	NE	Rain
2	Turbine 28 base, cleared area/borehole	SE	Overcast
3	General shot at 371690E 785048N	NE	Overcast
4	General shot at Turbine 29	SE	Overcast
5	Junction of trackway at 371358E 785188N	NE	Overcast
6	Junction of trackway	SE	Overcast
7	Turbine 32 general shot	N	Rain
8	Turbine 33 general shot	SE	Rain
10	General shot of Site 1, possible peat-cutting	S	Rain
11	General shot of Site 1, possible peat-cutting	W	Rain
12	General shot of Site 1, possible peat-cutting	E	Rain
13	Turbine 30 base area, general shot	NW	Rain
14	View of existing track	W	Rain

APPENDIX 2: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	Aberdeenshire
PROJECT TITLE/SITE NAME:	Mid Hill Windfarm Extension
PROJECT CODE:	MDWF2
PARISH:	Glenbervie
NAME OF CONTRIBUTOR:	Philip Karsgaard
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Survey
NMRS NO(S):	-
SITE/MONUMENT TYPE(S):	-
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NO 714 851
START DATE (this season)	September 2012
END DATE (this season)	September 2012
PREVIOUS WORK (incl. <i>DES</i> ref.)	-
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A programme of archaeological mitigation was undertaken at Mid Hill Wind Farm Extension, consisting of a post-felling walkover survey of turbine bases and associated infrastructure. The survey identified the remains of an area of possible peat exploitation. No other remains were identified in the felled areas.
PROPOSED FUTURE WORK:	N/A
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Natural Power Consultants Ltd
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, East Lothian, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record for Scotland (NMRS) Aberdeenshire Council Sites and Monuments Record (SMR)

Key



Turbine	Easting	Northing
1	371877	785642
2	371524	785701
3	371642	786044
4	371008	786114
5	370809	786409
6	370467	786542
7	370451	786888
8	370831	786778
9	371141	786565
10	371591	786801
11	371396	786317
12	371756	786382
13	370161	786701
14	370443	787274
15	370066	787162
16	369719	787038
17	369806	786695
18	369450	786748
19	369415	786278
20	369779	786318
21	369568	785954
22	369773	785617
23	370138	785586
24	370206	785226
25	369839	785256
26	369186	785973
27	371998	786080
28	371834	785254
29	371521	784931
30	371306	785375
31	371166	785757
32	371070	785106
33	370816	785419
Anemometer	Easting	Northing
Consented Mast A	371699	785665
Consented Mast B	370020	785201
Proposed Mast 1	369859	787193
Proposed Mast 2	371495	784736



CFA ARCHAEOLOGY LTD
 CFA ARCHAEOLOGY LTD
 The Old Engine House
 Eskmills Park, Musselburgh
 East Lothian, EH21 7PQ
 T: 0131 273 4380
 F: 0131 273 4381
 e: info@cfa-archaeology.co.uk
 w: www.cfa-archaeology.co.uk

Fig. No:	1	Revision	A
----------	---	----------	---

Title
Site Location

Project
Mid Hill Wind Farm Extension

Scale at A3
1:2000

Client
Natural Power Consultants LTD



Drawn by: LW
Checked by: LW
Report No: 2128



Fig. 2 - General view of site 1: peat cutting



Fig. 3 - General view of felled area and existing forestry track

Fig. No: 2-3		Revision: A	Project: Mid Hill Wind Farm Extension			CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park, Musselburgh East Lothian, Eh21 7PQ T: 0131 273 4380 F: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk
Drawn by: LW	Checked: LW	Report No: 2128	Client: Natural Power Consultants LTD			
<small>The copyright in this document (including its electronic form) shall remain vested in CFA Archaeology Ltd (CFA) but the Client shall have a licence to copy and use the document for the purpose for which it was provided. CFA shall not be liable for the use by any person of this document for any purpose other than that for which the same was provided by CFA. This document shall not be reproduced in whole or in part or relied upon by third parties for any use whatsoever without the express written authority of CFA.</small>						