

# CFA Archaeology Ltd

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## **Kype Muir Wind Farm, South Lanarkshire**

### **Archaeological Watching Brief**

**Report No. 3545**

## **CFA ARCHAEOLOGY LTD**

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

**Kype Muir Wind Farm,  
South Lanarkshire**

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Fig. 2 Araburnrig farmstead demarcated using blue posts

Fig. 3 Compound area

Fig. 4 Working shot of road widening to east of Site 8

# 1. INTRODUCTION

## 1.1 General

This report presents the results of an archaeological watching brief and site demarcation undertaken by CFA Archaeology Ltd (CFA) between December 2016 and April 2017 at Kype Muir Wind Farm, near Strathaven, South Lanarkshire (NS 71847 39060) (Fig. 1) during Site Enabling Works and On-site Construction Activities associated with the wind farm development. The work was commissioned by Arcus Consultancy Services Ltd on behalf of Banks Renewables.

A Written Scheme of Investigation (WSI), dated June 2016, was produced by Arcus Consultancy Services Ltd on behalf of Banks Renewables. The WSI was designed to meet the requirements of the imposed planning conditions for archaeological mitigation works, and to meet the requirements of the West of Scotland Archaeology Service acting on behalf of South Lanarkshire Council.

The WSI contains reference numbers, which refer to gazetteer entries in the Cultural Heritage and Archaeology Chapter of the Environmental Statement (ES) for the wind farm (CFA 2011). The site numbers shown in Fig. 1 also correspond to the gazetteer entries detailed in the same report (*ibid*). Where necessary, this report should be read in conjunction with the ES.

## 1.2 Background

The Kype Muir Wind Farm consists of 26 turbines and associated infrastructure. The development is located in forestry approximately 5km to the south of Strathaven, South Lanarkshire.

## 1.3 Objectives

The objectives of the programme of mitigation works were:

- **Fencing-off Site:** the fencing of Araburnrig Farmstead (Site 19) prior to construction works (Phase 1 in WSI).
- **Archaeological Watching Brief:** A targeted Watching Brief (WB) was to be maintained during construction of the initial access road covering 100m around Sites 8 and 12, and the construction compound at Site 9 (Phase 2 in WSI).

## **2. WORKING METHODS**

### **2.1 General**

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

### **2.2 Site Demarcation**

Archaeological attendance was required prior to commencement of construction activities in order to demarcate Site 19 by means of blue painted wooden posts and a 10m buffer.

### **2.3 Targeted Watching Brief**

A targeted watching brief was conducted during stripping operations associated with the construction of the initial access roads which covered 100m around Sites 8 and 12, and the construction compound in the vicinity of Site 9. Stripping operations were conducted using tracked excavators equipped with a smooth-bladed ditching bucket whilst under the constant archaeological supervision. The existing forestry access track in the vicinity of Site 12 was only widened by approximately 0.5m either side of the track.

All excavation and on-site recording was carried out according to CFA procedure, principally by photography, and by completing standard CFA record forms.

The stratification of all excavated areas was recorded whether or not significant archaeological deposits were identified.

### **3. ARCHAEOLOGICAL RESULTS**

#### **3.1 General**

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

#### **3.2 Site Demarcation**

Site 19 (Araburnrig farmstead) consisted of ruined farmstead comprising a rectangular building divided into three compartments within an enclosure (Fig. 2). The farmstead measured approximately 17m by 7m with the walls surviving to a maximum height of 1m. The enclosure, attached to the south of the farmstead, measured approximately 13m by 15m with denuded walls surviving to a height of three courses high (approximately 0.5m high). The site was demarcated with blue wooden posts with a buffer of 10m.

The site is first depicted on the Thomson's map of 1832 and later on the First Edition OS map (1864) and Second Edition OS map (1898). It is recorded in the Historic Environment Record (HER) as NS73NW 7 and in Canmore as 351894.

#### **3.3 Targeted Watching Brief**

The topsoil (**001** and **003**) consisted of very dark brown peaty clay at Site 9 (construction compound) (Fig. 3) and greyish dark brown silty peat at Site 8 (Fig. 4). No topsoil was removed during road construction operations at Site 12.

The peat was overlying natural subsoil (**002** and **004**) consisting of mixed light grey or brown clays and orange-red sandy clays at Sites 9 and 8, respectively.

No archaeologically significant remains or artefacts were identified during the watching brief.

#### **4. CONCLUSION**

An archaeological watching brief and site demarcation was carried out during ground breaking operations for the construction of Kype Muir Wind Farm.

The farmstead of Araburnrig (HER No. NS73NW 7) was demarcated with a 10m buffer zone around it.

During the watching brief no archaeological features, deposits or artefacts were discovered.

The project archive, comprising all CFA record sheets, maps and report will be deposited with the National Record of the Historic Environment and copies of reports lodged with South Lanarkshire Sites and Monuments Record.

A summary statement on the archaeological watching brief will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 3). This work will also be reported on through *OASIS Scotland*.

#### **5. REFERENCES**

CFA 2011 Kype Muir Wind Farm Environmental Statement, Chapter 9: Cultural Heritage and Archaeology.

*Cartographic*

Ordnance Survey 1st Edition (1864) Lanarkshire Sheet XXX Six inch to one mile

Ordnance Survey 2nd Edition (1898) *Lanarkshire XXX NE* Six inch to one mile

Thomson J (1832) *Northern Part of Lanarkshire. Southern Part*

## APPENDIX 1: Context Register

Context	Description
001	Topsoil at Site 9 - very dark brown/black peaty clay
002	Natural at Site 9 - mixed light grey and brown clays
003	Topsoil at Site 8 - greyish dark brown silty peat
004	Natural at Site 8 - orange-red sandy clay

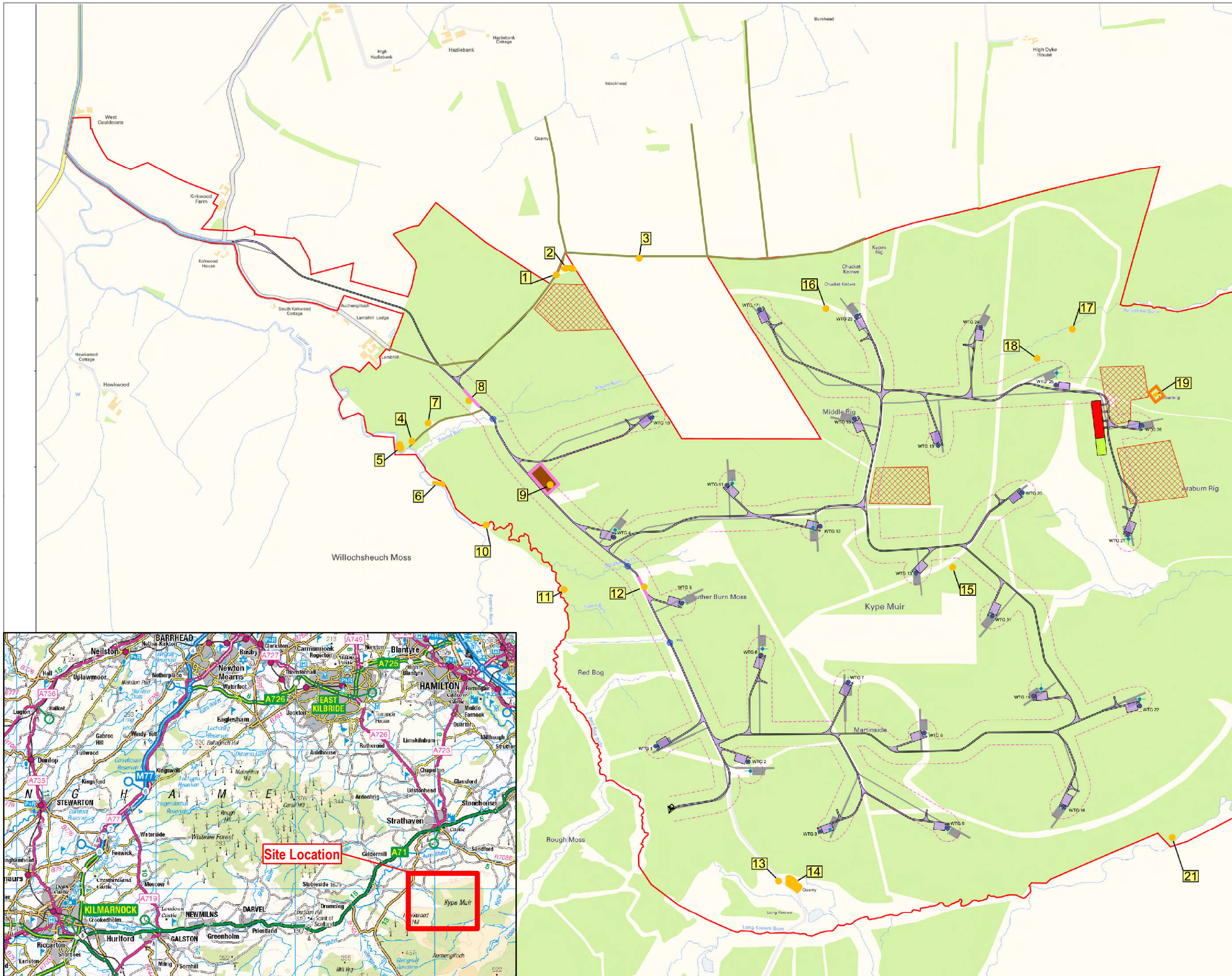
## APPENDIX 2: Photograph Register

Number	Description	From
1	Looking into Site 19 (enclosure)	SE
2	Wall 001 of enclosure	S
3	Wall 001 of enclosure	S
4	Wall 001 of enclosure, oblique	SE
5	Wall 001 of enclosure, oblique	SE
6	Wall 002 of enclosure, looking north with stumps	S
7	Wall 002 of enclosure, looking north with stumps	S
8	Wall 001, SW corner looking into enclosure	SSW
9	Wall 001, NW corner	NNE
10	Building (Walls 003-005) from interior	SW
11	Building, along southern extent of 003	WSW
12	Building, interior of building towards 004	ENE
13	Building, interior, Wall 005 showing kerbs and lintels	WNW
14	Wall 004 from the north	N
15	Looking into the interior of the enclosure, Wall 001	N
16	Building wall 003 from west side, interior end	S
17	Building wall 003 from the east side	S
18-25	Site demarcated, from NW corner going anticlockwise	Var
26	General shot from access track of demarcated site	SSW
27	Pre-ex temporary compound (Site 9 area)	NW
28	Pre-ex temporary compound with brash removal	W
29	General shot of Site 9 location (not evident)	NW
30	General shot of Site 9 from the river crossing	S
31	Working shot of de-stumping	SW
32	North-west strip area, working shot	SW
33	North-west strip area, post-ex shot	NE
34	Post-ex shot of south-west corner	NW
35	Post-ex shot of north-east edge	SW
36	Sample section, south-west edge	NE
37	Working shot of north-west end	SW
38	General working shot from river crossing	S
39	Working shot of midway along north-east edge	NW
40	Working shots, looking west	E
41	Post-ex/mid-ex shot of south-east end	NW
42	Post-ex/mid-ex shot of north-west end	SW
43	Working shot of road widening to east of Site 8. Approximate 5m extension	NW
44	Working shot showing extent of stripping activities	NW
45	West side of the access track showing road widening activities i.e spreading of topsoil only	NW
46	Working shot of road widening	SE
47	Finished strip adjacent to Site 8	SE
48	Finished excavation for road widening at Site 12	SE



### APPENDIX 3: DISCOVERY & EXCAVATION IN SCOTLAND ENTRY

<b>LOCAL AUTHORITY:</b>	South Lanarkshire
<b>PROJECT TITLE/SITE NAME:</b>	Kype Muir Wind Farm
<b>PROJECT CODE:</b>	KYPE3
<b>PARISH:</b>	Avondale
<b>NAME OF CONTRIBUTOR:</b>	Gary Savory
<b>NAME OF ORGANISATION:</b>	CFA Archaeology Ltd
<b>TYPE(S) OF PROJECT:</b>	Watching Brief
<b>RCAHMS Site No.</b>	NS73NW 7
<b>SITE/MONUMENT TYPE(S):</b>	Farmstead
<b>SIGNIFICANT FINDS:</b>	None
<b>NGR (2 letters, 10 figures)</b>	NS 71847 39060
<b>START DATE (this season)</b>	December 2016
<b>END DATE (this season)</b>	April 2017
<b>PREVIOUS WORK (incl. <i>DES</i> ref.)</b>	None
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (May include information from other fields)	A targeted archaeological watching brief and site demarcation was carried out by CFA during ground breaking operations associated with the construction of Kype Muir Wind Farm, South Lanarkshire. The farmstead Araburnrig (HER No. NS73NW 7) was demarcated. During the watching brief no archaeological features, deposits or artefacts were identified.
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	N/A
<b>SPONSOR OR FUNDING BODY:</b>	Arcus Consultancy services on behalf of Banks Renewables
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
<b>EMAIL ADDRESS:</b>	cfa@cfa-archaeology.co.uk
<b>ARCHIVE LOCATION (intended/deposited)</b>	National Record of the Historic Environment (archive) West of Scotland Archaeology Services Sites and Monuments Record (report)



- Key:**
- Cultural Heritage Site (Point)
  - Site 8 Watching Brief Coverage  
50m either side along track (100m total)
  - Site 12 Watching Brief Coverage  
50m either side along track (100m total)
  - Site 19 Fenced Prior To Construction
  - Cultural Heritage Site (Extent)
  - Proposed Construction Compound  
(To be covered by Watching Brief)
  - Field Boundary
  - PROPOSED TURBINE LOCATION
  - + CONSENTED TURBINE LOCATION
  - 50m MICROSITING BUFFER
  - PROPOSED WATER COURSE CROSSINGS
  - PLANNING BOUNDARY
  - CONSENTED TRACKS
  - CONSENTED HARDSTANDINGS
  - PROPOSED TRACK AND HARDSTANDINGS
  - CONSENTED BORROW PIT LOCATIONS
  - PROPOSED SUBSTATION
  - SUBSTATION CONSTRUCTION COMPOUND
  - ⚡ PROPOSED MET MAST

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Title:  
**Location map and site plan**

Project:  
**Kype Muir Wind Farm**

Client:  
**Arcus Consultancy Services Ltd  
 on behalf of Banks Renewables**

Scale at A3:  
**1:14,000**

Drawn by: SW	Checked by: MJ	Date: 28/04/2017
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Fig. 2 - Site 19 demarcated using blue posts



Fig. 3 - Compound area



Fig. 4 - Working shot of road widening to east of Site 8

Project:  
Kype Muir Wind Farm



Client:  
Arcus Consultancy Services Ltd on behalf of Bank Renewables

Drawn by: SW	Checked: MJ	Date: 28/04/17
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