

# 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*

## **Dungavel Windfarm, South Lanarkshire**

### **Archaeological Evaluation Site 13**

**Report No. 3167**

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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 archaeological mitigation work by CFA Archaeology Ltd (CFA) in May 2014 at the site of the proposed Dungavel Wind Farm, South Lanarkshire (NGR: NS 67044 37223, Fig. 1). The work was commissioned by Natural Power Consultants Ltd.

Planning consent has been granted for the construction of 13 wind turbines together with associated infrastructure on land north-east of Dungavel Hill set within a commercial forest.

### **1.2 Background**

A Written Scheme of Investigation (WSI) entitled *Dungavel Wind Farm, South Lanarkshire: Method Statement for a programme of archaeological works* produced by Headland Archaeology Ltd (2012) proposed a set of mitigation works to safeguard individual sites and monuments identified in the Environmental Statement (cultural heritage chapter, Headland Archaeology 2005).

The Environmental Statement identified 11 sites of archaeological interest inside the application area. A twelfth site (Site 12) lay outwith the final site boundary. One additional site, a shepherd's cairn (Site 13) was identified by Mott MacDonald's environmental team in forestry in the area of the proposed substation on the north-west flank of Side Hill. Site 13 will be directly impacted upon by the construction process.

### **1.3 Objectives**

The objectives of the programme of works were:

- Site 13 will be avoided by the felling programme, recorded and evaluated to clarify if it is a complex structure incorporating, for example, any earlier material in its construction, and then (if appropriate) fully excavated prior to construction of the substation.

## **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.

### **2.2 Demarcation**

Site 13 was demarcated and fenced-off prior to the commencement of felling operations.

The erection of clearly identifiable fencing was carried out by the contractors under the direct supervision of CFA staff. The site was fenced-off with a 5m exclusion zone. The fencing was erected to a standard commensurate with the need for it to remain in place for the duration of the felling works.

### **2.3 Evaluation**

The cairn was photographed prior to the evaluation commencing.

All hand excavation and on-site recording was carried out according to standard CFA procedures, using pro forma record sheets and digital photography. Sections and plans were produced at an appropriate scale.

### **3. ARCHAEOLOGICAL RESULTS**

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

The cairn was unaffected by felling operations in the vicinity.

#### **3.1 Stone removal**

Prior to the deconstruction of the cairn it was photographed from all angles (Fig. 2). Following on from this the stones making up the cairn were carefully removed by hand. There was no obvious structure to the cairn. The stones varied in size and had been randomly laid resulting in a rough cone-shaped arrangement at just over 1m high and about 2.5m in circumference.

#### **3.2 Evaluation**

Following the removal of the stones, a trench measuring 4m by 1m was marked out and the turf removed. This revealed a thin layer of black humified peat (**101**) less than 0.10m thick, overlying natural shattered bedrock (**102**) (Fig. 3). The cairn had been constructed directly on top of the existing ground surface.

No archaeological features were present. The only finds were modern glass and fragments of a ceramic drain pipe, which were not retained.

#### 4. CONCLUSION

Deconstruction of the shepherd's cairn (Site 13) showed that it comprised a random assortment of stones with no obvious structure sitting directly on top of a thin peaty topsoil.

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

It is considered likely that the cairn is of recent date.

CFA recommend that no further work is required in mitigation.

A summary statement of the results of this evaluation will be submitted for publication in *Discovery and Excavation in Scotland* on completion of the whole project.

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

## APPENDIX 1: Context Register

Context no.	Description
101	Humic silty peat topsoil, contains roots and large boulders, modern glass and clay pipe drain, topped with grasses, sedges and moss
102	Natural shattered bedrock

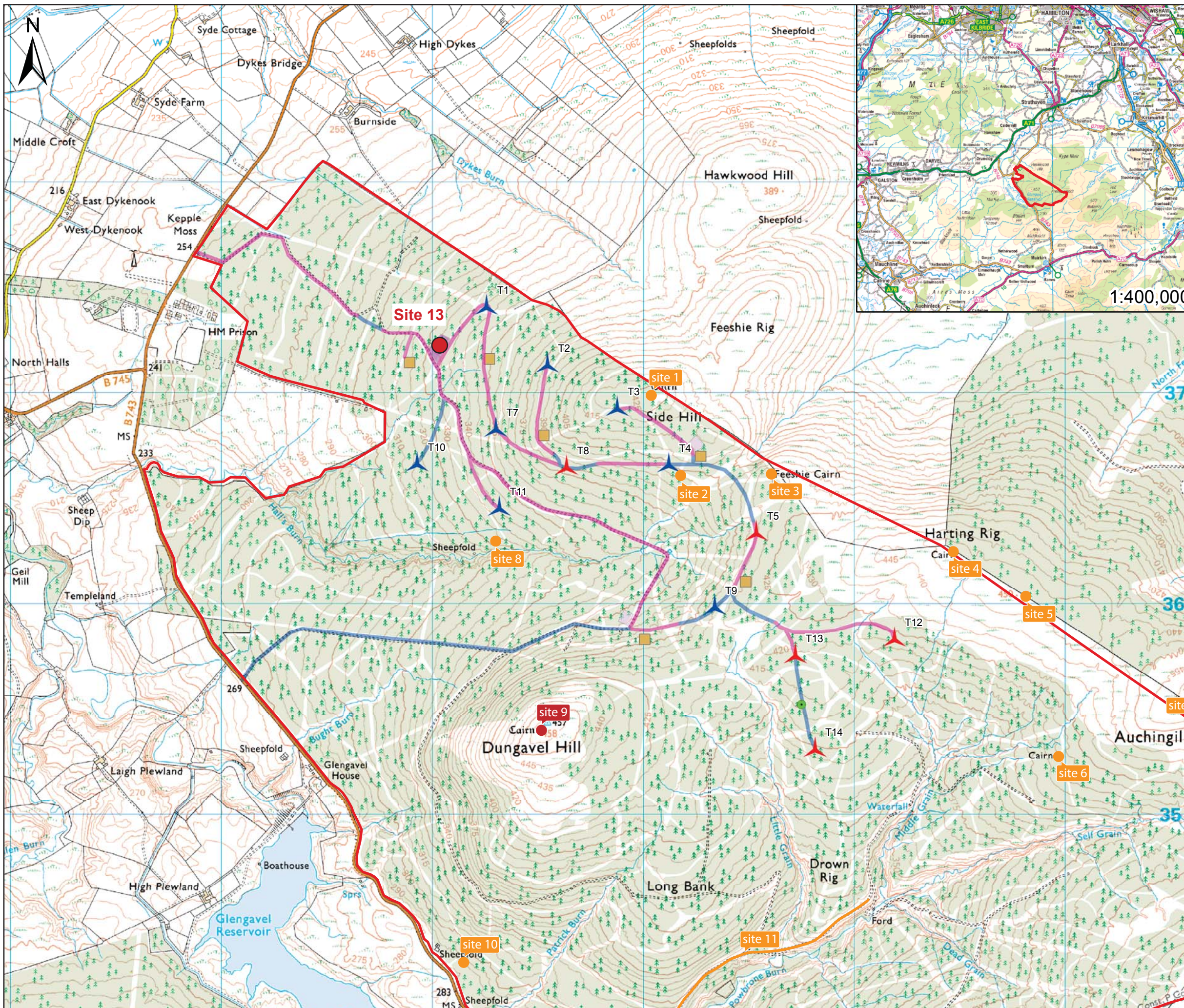
## APPENDIX 2: Digital Photographic Register

Shot	Description	From	Conditions
1-2	Cairn (Site 13)	W	Sunny
3-4	Cairn (Site 13)	S	Sunny
5-6	Cairn (Site 13)	E	Sunny
7-8	Cairn (Site 13)	N	Sunny
9-10	Pre-excavation after the stones had been removed	SW	Sunny
11	Section shot, NW end	SW	Sunny
12	Section shot, SE end	SW	Sunny
13	Post excavation close-up showing area of cairn	SW	Sunny
14-15	Post-ex of trench NW end	SE	Sunny
16-17	Post-ex of trench SE end	NW	Sunny













## APPENDIX 3: Drawing Register

Drawing Ref	Scale	Subject
Drawing No 1	1:20	SW-facing section





Key

-  80m hub
-  60m hub
-  Consented Track
-  New Track
-  Met Mast
-  Substation
-  Satellite Laydown
-  50m Borrow Pit Area
-  Laydown Area
-  Site Boundary
-  Scheduled Ancient Monument
-  other sites of cultural heritage interest



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Fig. No: 1 Report No: 3167

Title  
**Site Location**

Project  
**Dungavel Windfarm, South Lanarkshire  
 Archaeological Evaluation  
 Shepherds Cairn Site 13**

Client  
**Natural Power**

Scale at A3  
**1:17,500**

Drawn by: TB Checked by: MC Date: 04/06/2014

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*Fig. 2 - General shot of Shepherds Cairn (Site 13) prior to its deconstruction*



*Fig. 3 - Natural bedrock exposed following the removal of overlying peat*



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Title:  
**Photos**

Project:  
**Dungavel Windfarm, South Lanarkshire  
 Archaeological Evaluation Shepherds Cairn Site 13**

Fig. No: <b>2-3</b>	Report: <b>3167</b>	Drawn: <b>TB</b>	CKD: <b>MC</b>	Date: <b>04/06/14</b>
Client: <b>Natural Power</b>				

Scale: