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Windfarm at Pogbie, East Lothian

Archaeological Monitored Strip – Phase 2
Report No. 3652

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Planning Application No	15/00536/P
Grid Ref	NT 47595 58927

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

Windfarm at Pogbie East Lothian Archaeological Monitored Strip Phase 2

Report No. 3652

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Fig. 6 Crane Pad 5 and Access Road to Turbine 1

Fig. 7 Crane Pad 6 and Turbine Base 6

1. INTRODUCTION

1.1 General

This report presents the results of an archaeological monitored strip undertaken by CFA Archaeology Ltd (CFA) in May 2018 during ground-works for the construction of a 6-turbine extension to the wind farm on land at Pogbie, near Humbie, East Lothian (NGR: NT 475 589 centred) (Fig. 1) The work was commissioned by Green Cat Contracting Ltd (Green Cat).

A Written Scheme of Investigation (WSI) dated 06 February 2018 was produced by CFA for this programme of works. The WSI was designed to meet the requirements of East Lothian Council Archaeology Service (ELCAS).

1.2 Background

Planning permission (Ref. No. 15/00536/P) has been granted for the construction of a 6-wind turbine extension (Phase 2) at Pogbie Farm, Humbie, East Lothian. The planning permission was subject to an archaeological condition requiring a monitored soil strip on all groundbreaking works for the construction of the turbine bases, crane pads and access tracks.

The development area lies to the east of the A68 Trunk Road (A68) at an altitude of c.320 to 355m aOD. It consists of upland rolling semi-improved ground containing a number of forestry plantations and shelterbelts. The woodland within the development area had been felled prior to the commencement of works.

Pogbie windfarm lies within close proximity to one of the few major routes through southern Scotland. This route appears to have been one of some antiquity, with the Roman road of Dere Street lying c.2km to the west. Lying much closer to the site is a road known as 'King's Road' (Site No. NT45NE 57), which roughly follows the line of the current A68. This road is reputed to be a medieval road associated with King Malcolm IV, but does not appear on any maps predating Armstrong's 1771 map, suggesting that it is more likely to date to the 18th century. The general area does appear to have been well utilised during the medieval period with a medieval hospital being established at Soutra Aisle (c.2km to SW), but the road serving this is considered most likely to have followed the line of Dere Street. An archaeological desk-based-assessment and walkover survey undertaken for the Environmental Report (Pogbie Wind Farm Environmental Report Section 6-Archaeological Studies) identified twelve sites within the proposed development area, but all of these are thought to relate to post-medieval agricultural activity. Two areas of cropmarks (Site No NT45NE 41 and NT45NE 42) located within close proximity to the borrow pit are also thought to be modern/geological in date.

Phase 1 consisted of a watching brief during the construction of the Phase 1 turbines and associated infrastructure (see Gray and Kirby 2018).

Phase 2 consisted of a watching brief during the construction of the Phase 2 extension.

1.3 Objectives

The aims and objectives of the archaeological work were:

- To conduct an appropriate programme of archaeological investigation (monitored strip) to monitor all groundbreaking works apart from the access road lines within forestry, all other infrastructure that lies within afforested areas will be monitored.
- 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 Chartered Institute for Archaeologists' Code of Conduct, Standards and Guidance as necessary.

2.2 Watching Brief

The areas monitored included turbine bases, crane pads, compound areas, storage areas and access tracks. All groundbreaking works were carried out using a smooth-bladed ditching bucket under archaeological supervision.

Turbine bases were 15m in diameter, with the crane pads being approx 30m x 30m. All access tracks were floated apart from sections of the spur road to Turbine 1.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms. The positions of archaeological features were recorded using industry standard survey equipment.

3. ARCHAEOLOGICAL RESULTS

Context numbers are in bold and described in Appendix 1.

3.1 Programme of Works

This programme of works covered the Phase 2 Turbine Bases 1-6 (including crane pads), and a section of access track to Turbine 1 (the rest of the track was floated).

The deposits consisted of 0.35-0.6m of peaty-silt topsoil (**001**) overlying varying natural deposits, although predominantly consisting of a yellowish-red silty-clay (**003**).

A number of modern drainage features were identified, but there were no features, deposits or artefacts of archaeological significance.

4. CONCLUSIONS

An archaeological monitored strip was carried out during groundworks for a six turbine extension to the wind farm at Pogbie Farm, near Humbie, East Lothian. The monitored strip identified a number of modern drainage features, but there were no features, deposits or artefacts of archaeological significance identified.

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

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

5. REFERENCES

Gray, B & Kirby, M (2018) '*Windfarm at Pogbie, East Lothian: Archaeological Monitored Strip Phase 1*'. Report No. 3651. CFA Archaeology Ltd.

APPENDIX 1: Photographic Register

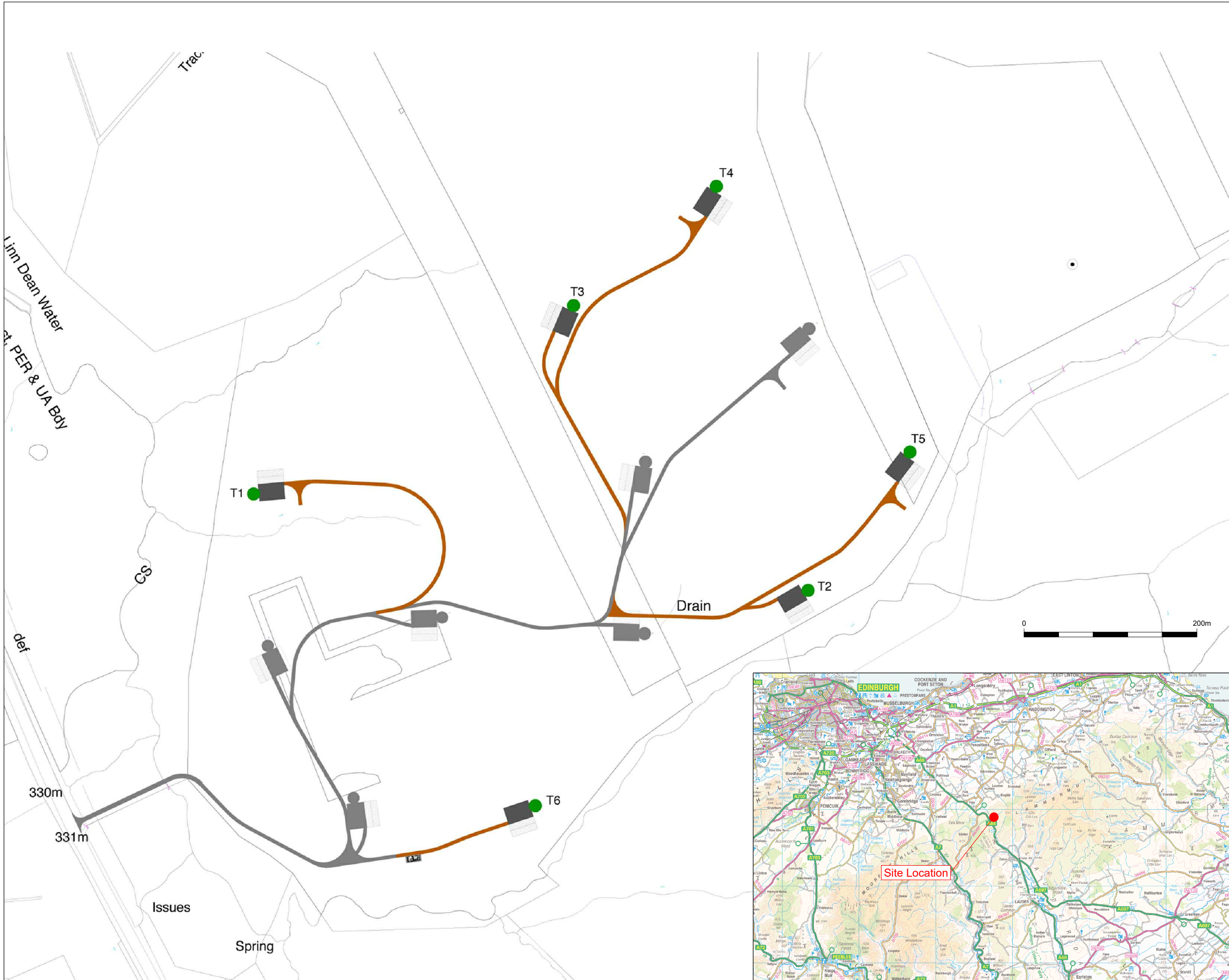
Shot No.	Summary description of subject	Facing
001	Post ex of Phase 2 Crane Pad 6	NW
002	Post ex of Phase 2 Turbine Base 6	E
003	Post ex of Phase 2 Crane Pad 1	N
004	Post ex of Phase 2 Turbine Base 1	W
005	Post ex of Phase 2 Crane Pad 4	W
006	Post ex of Phase 2 Turbine Base 4	E
007	Post ex of Phase 2 Crane Pad 3	N
008	Post ex of Phase 2 Turbine Base 3	E
009	Post ex of Phase 2 Crane Pad 2	N
010	Post ex of Phase 2 Turbine 2	N
011	Post-ex of Phase 2 spur road to Turbine 1	N
012	Post-ex of Phase 2 spur road to Turbine 1	W
013	Post-ex of Phase 2 spur road to Turbine 1	W
014	Post-ex of Phase 2 spur road to Turbine 1	N
015	General working shot of Phase 2 crane pad 5 area	NE
016	Post-ex of Phase 2 Crane pad 5	NE
017	Post-ex of Phase 2 Crane pad 5	NE

APPENDIX 2: Context Register

Context no.	Fill of	Type	Description
001		Deposit	Topsoil
002		Deposit	Peat
003		Deposit	Natural- Yellowish Red Silty Clay
004		Deposit	Yellowish Blue Clay

APPENDIX 3: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME:	Windfarm at Pogbie, East Lothian Archaeological Monitored Strip Phase 2
PROJECT CODE:	POGE
PARISH:	Humbie
NAME OF CONTRIBUTOR:	Bethan Gray
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Watching Brief
NMRS NO(S):	N/A
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	N/A
NGR (2 letters, 8 figures)	NT 47595 58927
START DATE (this season)	February 2018
END DATE (this season)	May 2018
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An archaeological monitored strip was carried out during groundworks for a six turbine extension to the wind farm at Pogbie Farm, near Humbie, East Lothian. The monitored strip identified a number of modern drainage features, but there were no features, deposits or artefacts of archaeological significance identified.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Green Cat Contracting Ltd
ADDRESS OF MAIN CONTRIBUTOR:	CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ.
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited with NRHE, Reports lodged with SMR.



Key:

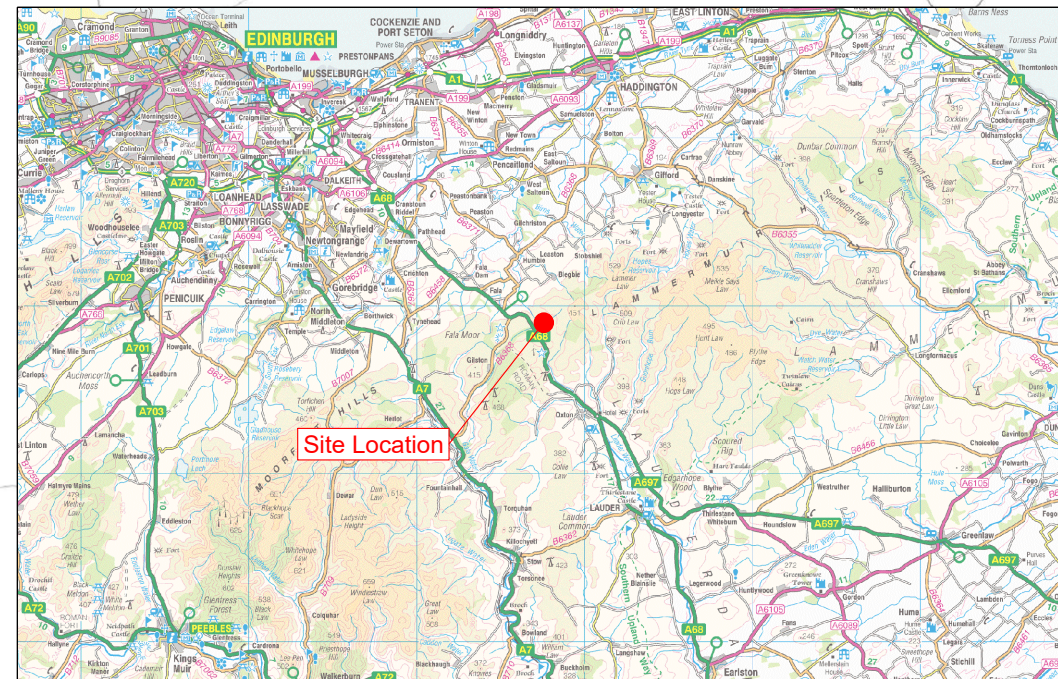
- Turbine Foundation
- Crane Hardstanding
- New Access Track
- Existing Track
- Substation



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Title:
Site Plan of Pogbie Wind Farm Phase 2

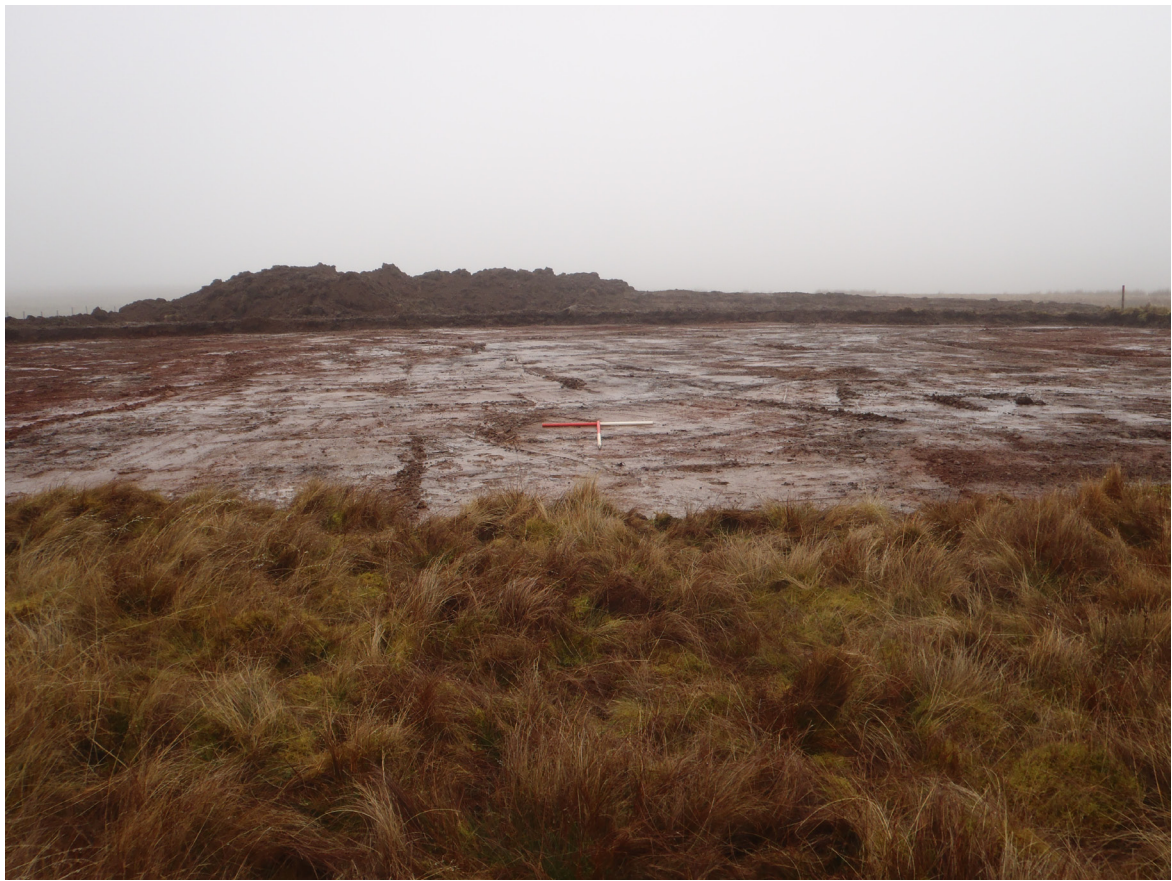
Project:
Windfarm at Pogbie, East Lothian Archaeological Monitored Strip. Phase 2

Client:
Green Cat Contracting Ltd

Scale at A3:
1:4000

Drawn by: MP	Checked by: SW	Date: 04/09/2018
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Report No: 3652	Fig. No: 1
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Title:
Crane Pad 1 and Turbine Base 1

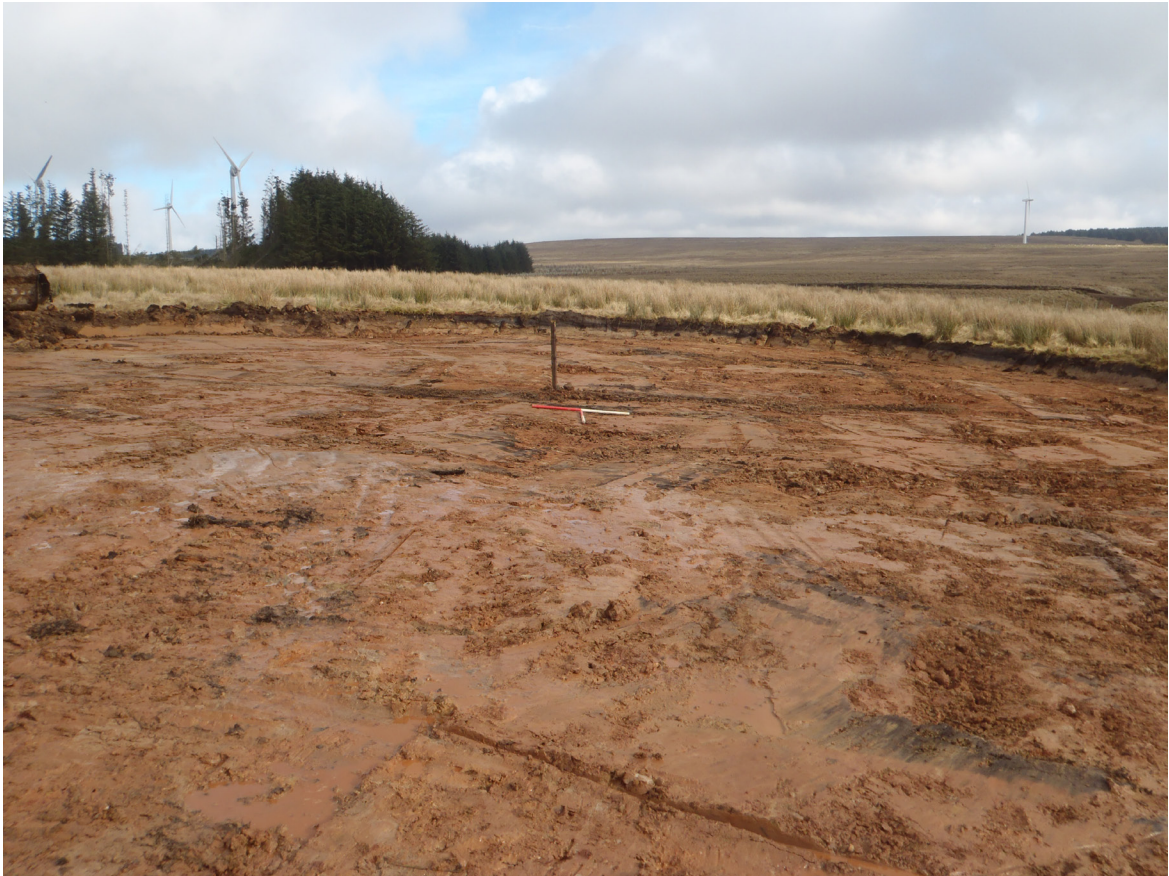
Client:
Green Cat Contracting Ltd



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Drawn by: CS	Checked: SW	Date: 03/09/18	Report No: 3652	Fig. No: 2
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Title:
Crane Pad 2 and Turbine Base 2

Client:
Green Cat Contracting Ltd



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Drawn by: CS	Checked: SW	Date: 03/09/18	Report No: 3652	Fig. No: 3
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Title:
Crane Pad 3 and Turbine Base 3

Client:
Green Cat Contracting Ltd



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Title:
Crane Pad 4 and Turbine Base 4

Client:
Green Cat Contracting Ltd

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Title: Crane Pad 5 and access road to Turbine 1	Client: Green Cat Contracting Ltd
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Title:
Crane Pad 6 and Turbine Base 6

Client:
Green Cat Contracting Ltd



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Drawn by:	Checked:	Date:	Report No:	Fig. No:
CS	SW	03/09/18	3652	7



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