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Drummuir Wind Farm, Drummuir, Moray

Archaeological Field Reconnaissance Survey Report No. 1765

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**Drummuir Wind Farm,
Drummuir, Moray**

**Archaeological Field Reconnaissance Survey
Report No. 1765**

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1. INTRODUCTION

1.1 General

1.1.1 This report presents the results of an archaeological field reconnaissance survey undertaken by CFA Archaeology Ltd (CFA) in March 2010 on the proposed site of Drummuir Wind Farm, Keith, Moray. The work was commissioned by Renewable Energy Systems Ltd (RES).

1.1.2 A Written Scheme of Investigation (WSI) was produced by CFA based upon information provided by RES.

1.1.3 An archaeological field reconnaissance survey was undertaken on the proposed development area in October 2001 by CFA Archaeology Ltd on behalf of RES. Due to boundary changes after the initial field survey took place, a small area to the south-west of the proposed development area (the site of Turbines 1 & 2) was not included in the original survey (Fig. 1). The area to be surveyed consists of heather moorland and coniferous forestry plantation in various stages of growth.

1.1.4 This report details the results of work carried out in accordance with Stage 1 as described in the WSI produced by CFA in November 2008. The specific aspects of work carried out were as follows:

- To carry out a reconnaissance field survey of proposed development feature locations in the south-west part of the site, in areas previously not surveyed within the development area, principally the access road between T1-2
- To mark out and have fenced off Rosarie Forest Buildings as listed in the annexe to the ES (SMR No NJ34NE 0019), and ensure any construction work undertaken on the access track happens on the opposite side to the archaeology.
- To mark out and have fenced off Rosarie Forest Enclosure, Farmsteads, Lades and Ponds as listed in the annexe to the ES (SMR No NJ34NE 00193), and ensure any construction work undertaken on the access track happens on the opposite side to the archaeology (Fig. 2).
- To mark out and have fenced off Site 18 (boundary marker).

1.2 Objectives

1.2.1 The objectives of the archaeological reconnaissance survey were as follows:

- To conduct a reconnaissance survey of the development site;
- To provide a record of any archaeological sites within the development site;
- To produce an illustrated data structure report outlining the results of the work.

2. METHODOLOGY

2.1 General

- 2.1.1 CFA follows Institute for Archaeologists' Code of Conduct, Standards and Guidelines as appropriate.
- 2.1.2 Site locations were recorded accurately using GPS to plot archaeological features. Written descriptions and photographic records were made of all archaeological features located within the study area.
- 2.1.3 Sites to be fenced off were marked out using temporary barriers to create a 10m buffer zone on the condition that RES will erect more permanent barriers before any work takes place around the sites.

3. ARCHAEOLOGICAL RESULTS

3.1 Archaeological Field Reconnaissance Survey

- 3.1.1 Three new sites were recorded within the surveyed area (31-33). A gazetteer is provided in Appendix 2.
- 3.1.2 Site 18 consisted of 2 cairns (southern and northern) relating to the marking out of parish boundaries. The southern cairn was located and consisted of a small turf covered mound topped by a 0.5m high orthostat (Fig. 2). Along with Site 31, these marker stones form part of the Knochan series of parish boundary markers. The northern cairn is not located close to any proposed development and as such does not require to be fenced off.
- 3.1.3 A series of tracks were identified from the 1st Edition Ordnance Survey (OS) maps running through the south of the survey area. A portion of this was identified during the field survey and recorded as Site 26. Site 26 consisted of a track aligned northwest-southeast with forestry located on its west side and heather moorland to the east. The track measured 5m in width with a drainage channel situated on its west side. The majority of the track was grass covered although metalled patches were visible (Fig. 3). A section of track running parallel with a modern road was also noted as part of Site 26. This consisted of a grass covered track with a possible silted ditch on its north side running for a short distance before entering plantation where no visible remains could be located.
- 3.1.4 Site 27 consisted of a section of track running into Site 26 identified from the 1st Edition OS maps. However, it did not prove possible to visit this site as it was located within a dense band of forestry with no access tracks available.
- 3.1.5 Site 28 was sourced from the 1st Edition OS map and identified as Hillhead Croft. The location of the structure was visited but no remains were visible.
- 3.1.6 Site 31 consisted of an upright boundary marker stone relating to the parish boundary (Site 32) and relating to the Knochan series of marker stones, as does Site 18. The SE face is inscribed with a 'D' and the NW face an 'A' (Fig. 4).
- 3.1.7 Site 32 consisted of a previously known Parish boundary running northeast-southwest through the survey area for c.370m. The boundary survives as a heather covered turf bank measuring 5m in width and 0.5m in height. It is still visible at the northern limit of the survey area although it becomes less visible in the landscape, eventually disappearing from view 10m outside of the survey area (Fig. 5).
- 3.1.8 Site 33 consisted of a previously unknown northeast-southwest running track aligned with a current fence line. The track measures 4m in width and had a 1.5m deep ditch located on its eastern side and a bank measuring between 1-0.4m in height on its western side (Fig. 6). Given the track's alignment with a modern field boundary it is likely to be a relatively modern feature.

3.2 Demarcation of sites

- 3.2.1 As detailed in Stage 1 of the WSI several archaeological sites identified within the survey area required a 10m buffer zone to be demarcated to prevent any ground works or site traffic encroaching upon, and potentially damaging, the sites. The buffer zones were marked out by CFA personnel with the provision that RES will erect more substantial barriers prior to any work taking place around the sites.
- 3.2.2 The upstanding remains of Rosarie farmstead, mill pond and lade were located and a 10m buffer zone was demarcated around the site (Fig. 7).
- 3.2.3 The remains/location of Rosarie cottages was identified and a 10m buffer zone was demarcated around the site.
- 3.2.4 No construction work is due to take place at the northern cairn of Site 18 and as such no demarcation of a buffer zone took place.
- 3.2.5 A 10m buffer zone was laid out around the southern marker stone of Site 18.

4. CONCLUSION

4.1 An archaeological field reconnaissance survey and fencing off of known sites have been carried out at the proposed development site of Drummuir Wind Farm, Moray. The work carried out has produced the following results:

- Tracks seen on the 1st Edition OS map have been identified in places and their state of preservation characterised (Sites 26 & 27).
- The location of Hillhead Croft (Site 28) was visited with no visible remains present.
- A parish boundary seen on the 1st Edition OS map has been identified and its state of preservation characterised (Site 32).
- Marker stones (Sites 18 & 31) relating to the parish boundaries have been located and recorded and in the case of Site 18 a 10m buffer zone was demarcated.
- A previously unknown track has been identified and recorded although it is unlikely to be of any antiquity (Site 33).
- The sites of Rosarie mill and cottages have been identified and a 10m buffer zone demarcated around their remains/location.

4.2 All of the sites, known and unknown, located during the field survey are of a sufficient distance from planned turbine locations (T1 & T2) and access tracks to ensure that there is no risk of disturbance.

4.3 A summary statement of the results of this archaeological work will be submitted for publication in *Discovery and Excavation in Scotland*, following completion of all on site works. An OASIS Scotland entry will be made.

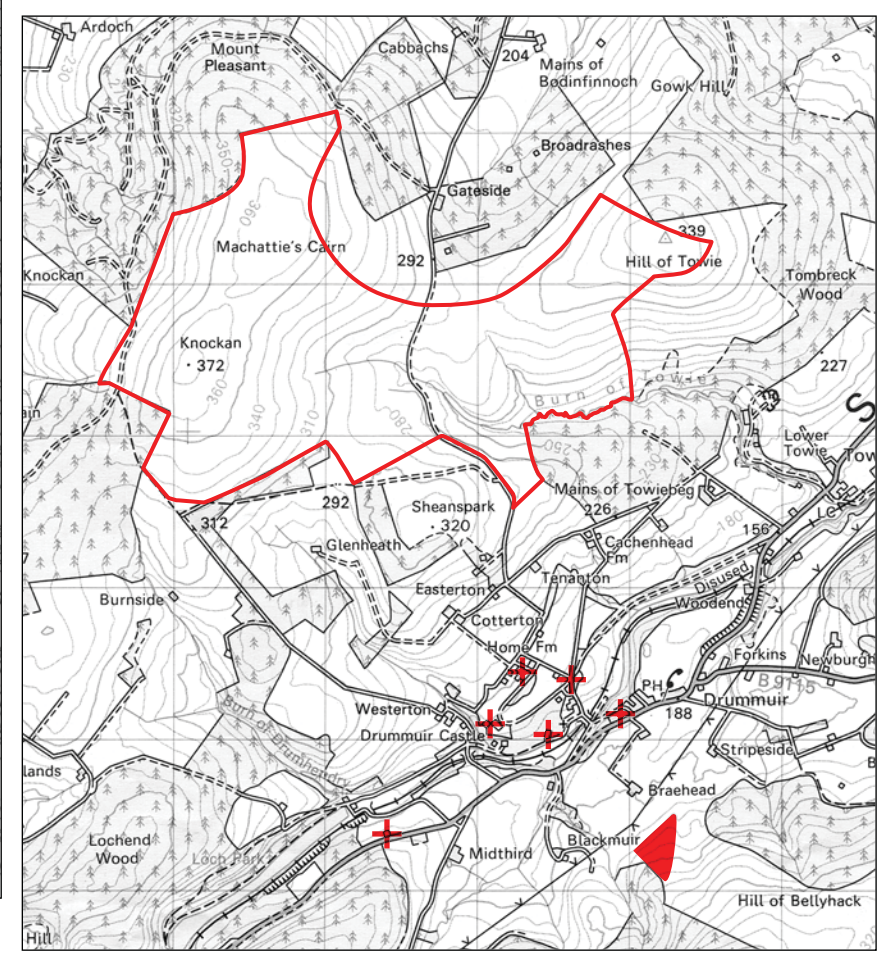
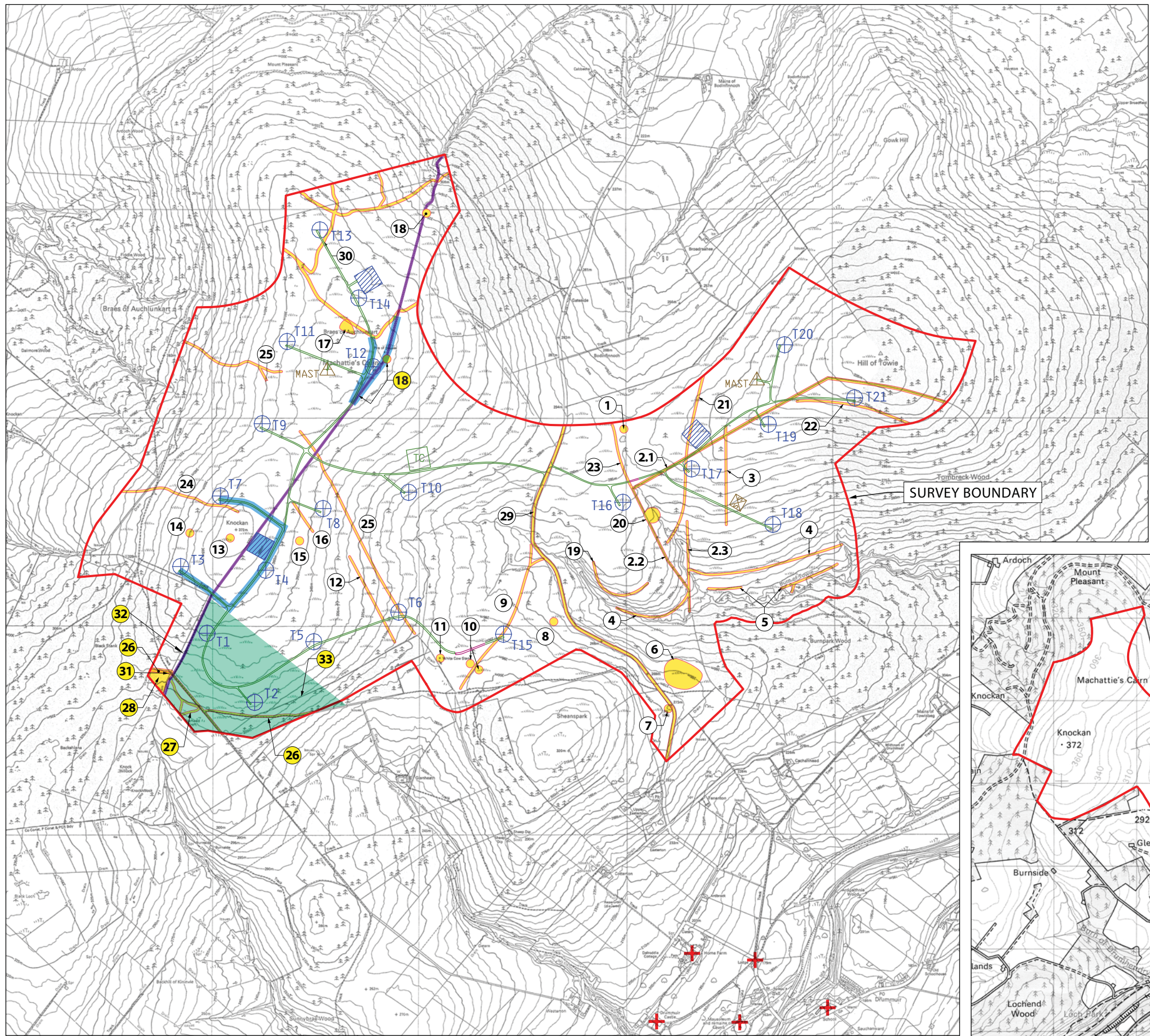
APPENDIX 1: Photographic Register

Shot	Description	From	Conditions
1	Registration shot	-	Overcast
2	General shot of NMRS site 13 in relation to site road	N	Overcast
3	General shot of NMRS site 13 in relation to site road	SW	Overcast
4	General shot of NMRS site 13 in relation to site road	W	Overcast
5	Shot of mill pond and probable lade leading down to, and associated with, NMRS site 13	S	Overcast
6	Shot of mill pond and probable lade leading down to, and associated with, NMRS site 13	NE	Overcast
7	Shot looking towards site road from SE of NMRS site 13 – mill pond	SE	Overcast
8	General shot of NMRS site 19 in relation to site road	W	Overcast
9	General shot of NMRS site 19 in relation to site road	SE	Overcast
10	General shot of NMRS site 19 showing demarcated buffer zone	SE	Overcast
11	Shot of cairn (CFA site 18) in relation to landscape	NW	Overcast
12	Shot of cairn (CFA site 18) in relation to landscape	SE	Overcast
13	General shot of landscape	N	Overcast
14	General shot of landscape	SE	Overcast
15	General shot of landscape	SW	Overcast
16	Shot of supposed location of CFA site 18 – northern cairn	N	Overcast
17	Shot of supposed location of CFA site 18 – northern cairn	S	Overcast
18	Shot of supposed location of CFA site 18 – northern cairn	W	Overcast
19	General shot of area of CFA site 18 according to GPS data	SW	Overcast
20	General shot of area of CFA site 18 according to GPS data	W	Overcast
21	General shot of area of CFA site 18 according to GPS data	S	Overcast
22	General shot of location of NMRS site 19 showing site road (west structure)	NE	Overcast
23	General shot of location of NMRS site 19 showing site road (west structure)	NW	Overcast
24	General shot of location of NMRS site 19 location showing lack of site and vegetation	SE	Overcast
25	General shot of location of NMRS site 19 location showing lack of site and vegetation	E	Overcast
26	Shot of trackway seen on 1 st edition OS map – CFA site 26	E	Overcast
27	Shot of possible trackway parallel to the one above (CFA site 26)	W	Overcast
28	Shot of possible trackway at point where it enters forestry (CFA site 26)	SE	Overcast
29	Shot of SE-NW running section of trackway (CFA site 26)	SE	Overcast and snow covered
30	Shot of line of track way (CFA site 26) running into the SE-NW section photographed above	E	Overcast
31	Detail of CFA site 31 – boundary/marker stone inscribed with a ‘D’	SE	Overcast
32	General shot of CFA site 31’s location in landscape	S	Overcast
33	Detail of NW face of boundary/marker stone (CFA site 31) inscribed with an ‘A’	NW	Overcast
34	Shot of SSW-NNE running parish boundary – CFA site 32	SSW	Overcast
35	General shot of inaccessible area to the south of the walkover area	NW	Overcast
36	General shot of inaccessible area to the south of the walkover area	N	Overcast
37	Shot of location of Hillend croft – no visible remains	E	Overcast
38	General shot of survey area	N	Overcast
39	General shot of survey area	NW	Overcast

40	Shot of parish boundary (CFA site 32) at northern edge of survey area	NE	Overcast
41	General shot of area of survey covered by felled forestry and new growth	NNE	Overcast
42	Shot of NE-SW running probable trackway(CFA site 33)	NE	Overcast

APPENDIX 2: Site Gazetteer

Site number	Name/Site type	NGR	Description	SMR/NMRS Number
18	Cairn	NJ 3585 4729 (southern cairn)	Small turf covered cairn measuring 2m by 0.2m topped by a small un-worked orthostat measuring 0.5 in height. This cairn most likely relates to the Knochan series of parish boundary markers.	NJ34NE0026
26	Track	NJ 3536 4555	5m wide track running NW-SE with drainage ditch to the east. Grass covered and possibly metalled in places. Sourced from the 1 st edition OS map.	N/A
27	Track	-	Unable to visit due to dense forestry	N/A
28	Homestead	NJ 347 457	Hillhead Croft. No remains visible. Sourced from the 1 st edition OS map.	NJ34NW 31/ NJ34NW0032
31	Boundary Marker	NJ 3479 4577	Boundary marker stone measuring 0.3m in width by 0.7m in height. Situated on the corner of a parish boundary, Site 32. 'D' inscribed on the SE face and an 'A' on the NW face. Stone has been dressed. Probable parish boundary marker and possibly related to Site 18 and the Knochan series of marker stones.	NJ34NW0025
32	Parish Boundary	NJ 3482 4576 – NJ 3499 4612	Heather covered turf bank measuring between 5-6m in width and 0.5m in height. Runs NE-SW for 370m from the south of the survey area before petering out. Sourced from the 1 st edition OS map.	N/A
33	Track	NJ 3550 4571 – NJ 3510 4550	Linear track aligned with a current fenceline. Runs NE-SW for 200m measuring 4m in width. 1.5m wide ditch present on the eastern side and a 3m wide and 0.4m high bank on the western side. Continues to the NE out with the survey area. Unknown date but likely to be relatively modern, perhaps relating to forestry works.	N/A



- Key:
- Sites visited
 - Areas of archaeological interest
 - Areas of archaeological watching brief
 - Areas of field reconnaissance survey
 - Administrative boundary (1st Edition OS)
 - Listed Building
 - Scheduled Ancient Monument
 - Turbine
 - Anemometer
 - Compound
 - Proposed Access Track
 - Floated Access Track
 - Borrow Pit
 - Substation

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Fig. No: 1 Revision: A

Title:
General site plan showing survey area and sites visited

Project:
Drummuir Proposed Wind farm

Scale:
1:20,000 @ A3

Client:
RES



Fig. 2 Shot of Parish Boundary marker stone, Site 18



Fig. 4 Shot of trackway, Site 26


Key:	Fig. No:	2-3	Revision:	A	Client:	RES
	Title:					
	Project:	Drummuir Proposed Wind farm				
Scale:						 <p>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</p>
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Fig. 4 Shot of NW face of Boundary Stone showing inscription, Site 31



Fig. 5 Shot of Parish Boundary, Site 32


Key:	Fig. No:	4-5	Revision:	A	Client:	RES
	Title:					
	Project:	Drummuir Proposed Wind farm				
Scale:						
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Fig. 6 Shot of trackway, Site 33



Fig. 7 Shot of Rosarie Farmstead showing buffer zone

Key:

Fig. No: **6-7** Revision: **A** Client: **RES**

Title:

Project:

Drummuir Proposed Wind farm

Scale:



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