

CALL11/003



CALLIACHAR WIND FARM, PERTH & KINROSS

Walkover Survey of Proposed Cable Route, Road Layout and Borrow Pits

for Calliachar Wind Farm Ltd

07/02617/FUL

July 2012

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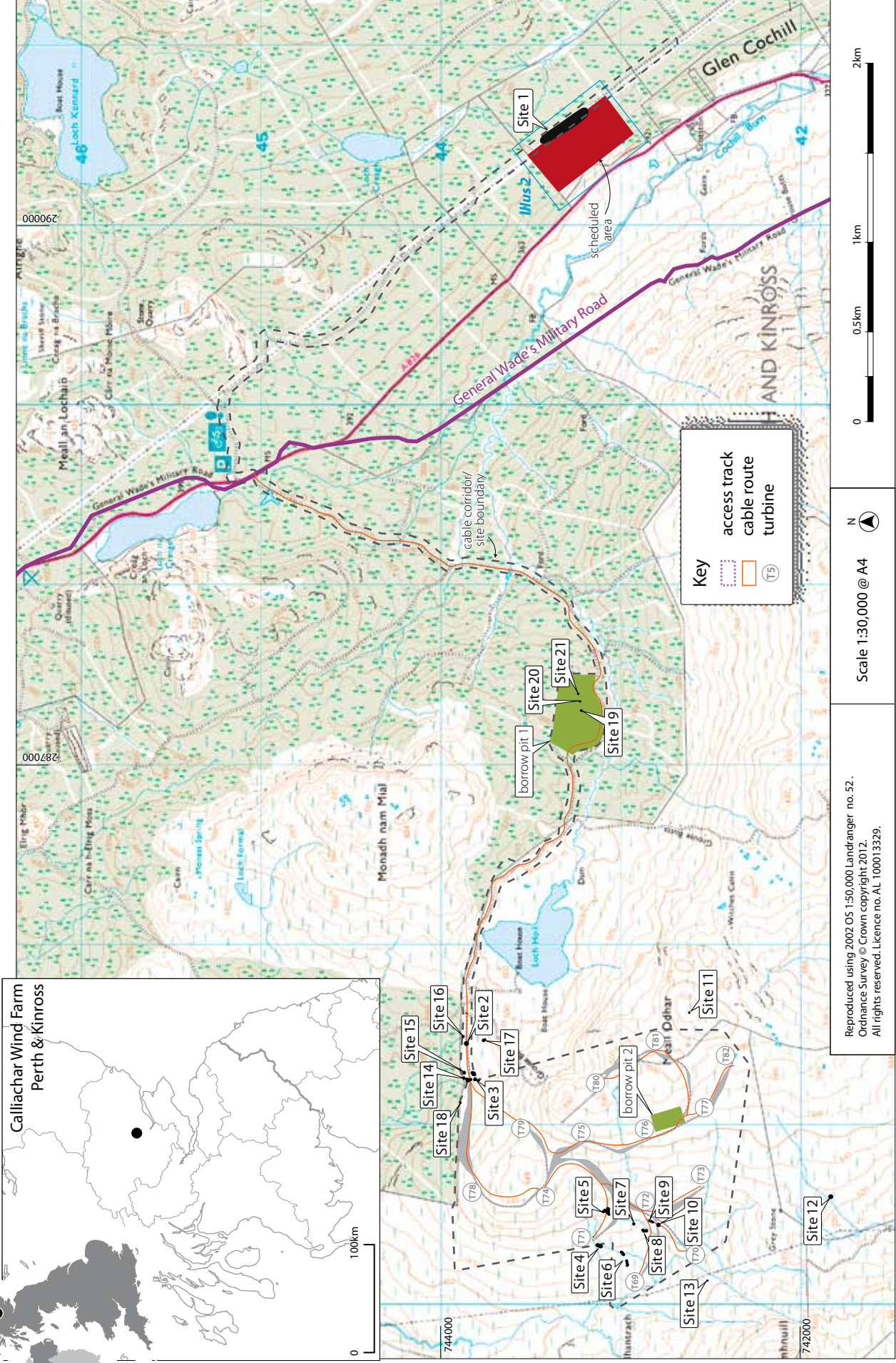
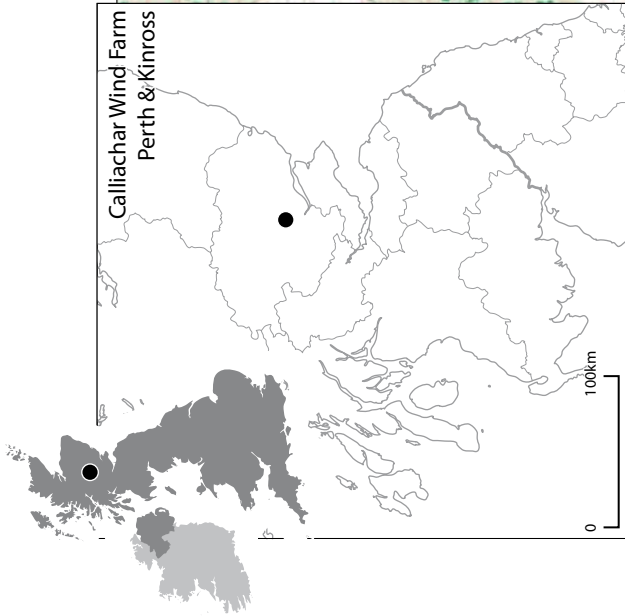
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illus 1
 Site location

CALLIACHAR WIND FARM, PERTH & KINROSS

Walkover Survey of Proposed Cable Route, Road Layout and Borrow Pits

A walkover survey was carried out over the entire site area including the proposed cable route, the road layout from the junction with the A826 to Turbines 69–82 and Borrow pits 1 and 2.

The Environmental Statement (Environ 2011), based on earlier survey work by CFA (2003), on behalf of BMT Cordah / I & H Brown, had recorded three sites within the development area. These were identified there as a shieling hut and two shepherd's cairns.

It became clear during the course of the current survey that none of these sites (Sites 11–13) lay within the site boundary. However, eighteen previously unrecorded sites were identified during walkover, some of which lay within the construction footprint of the development. The sites comprised 38 individual structures including 22 shieling huts, two possible hut-circles, two enclosures, three hollow features, one bank, three shooting butts, four clearance cairns and one possible funerary cairn.

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1. INTRODUCTION

Calliachar Wind Farm is located 6km to the south of Aberfeldy in Perth and Kinross.

The scheme comprises 14 turbines located within an area of some 1.8 km² to the north-west of Meall Odhar (Illus 1).

Planning permission was granted for the construction of the Calliachar Wind Farm subject to a number of archaeological conditions. In order to meet the terms of these conditions to the satisfaction of the planning authority, an Archaeological Mitigation Plan (Headland Archaeology 2011) was drawn up to mitigate the impacts of the wind farm development on the cultural heritage resource of the development area. As part of this mitigation strategy a walkover survey was carried out over the entire site, focussing on the line of the cable route leading from the sub-station at Griffin up to the turbine area at Meall Odhar, the road layout leading from the junction with the A826 to the turbines and the footprint of the two borrow pits.

The Environmental Statement (Environ 2011), based on earlier survey work by CFA (2003), on behalf of

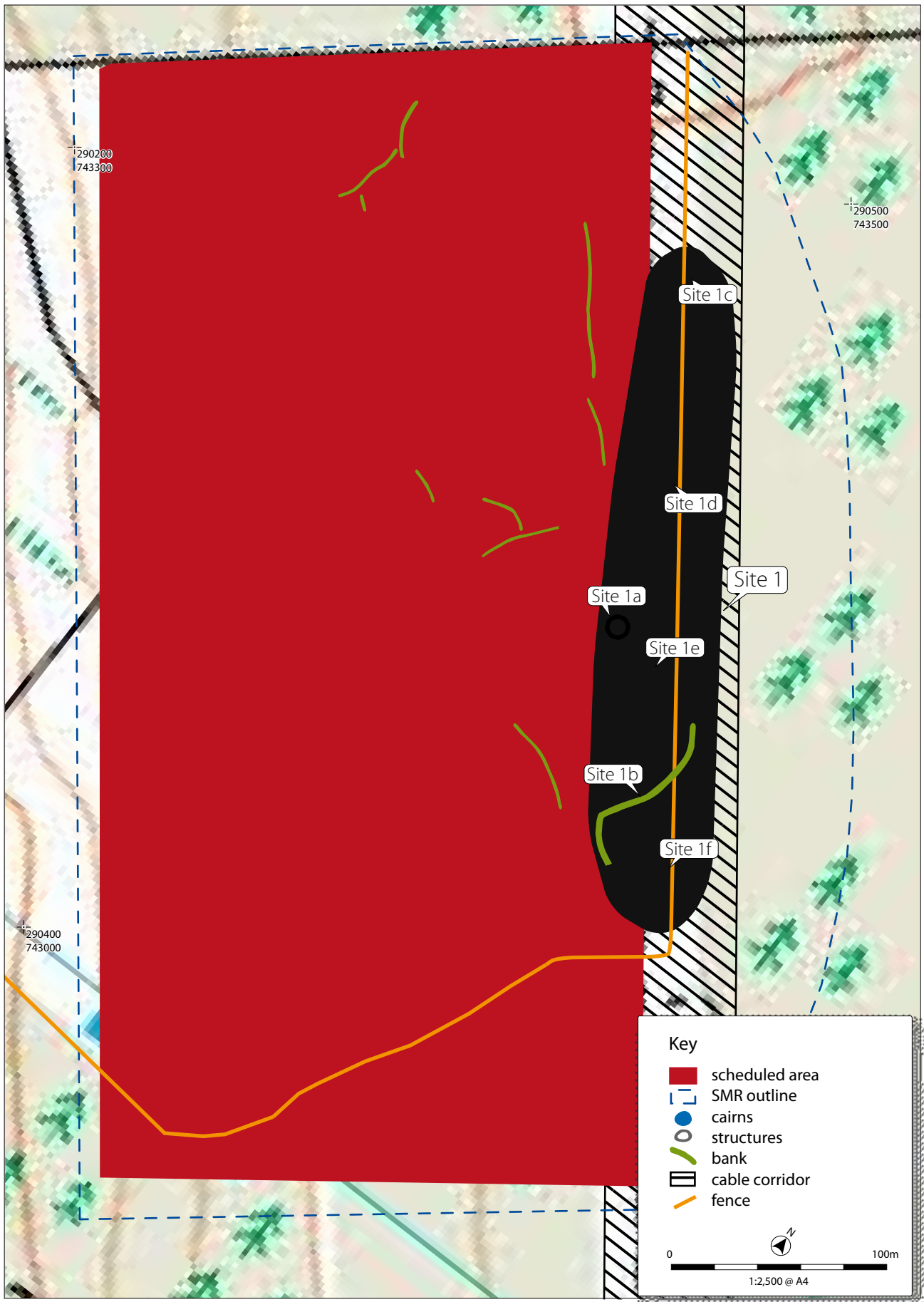
BMT Cordah / I & H Brown, had recorded three sites within the development area. The fieldwork originally identified in the Environmental Statement as part of the Mitigation Strategy comprised a programme of marking-out of these three sites on the ground, to avoid accidental damage during the construction phase. At the same time a walkover survey was carried out of the areas affected by the proposed cable route, borrow pits and road layout within the turbine area at Meall Odhar.

The aim of the walkover was to ensure that any archaeological features along the cable route or road corridor were located and recorded prior to ground-breaking activities. In accordance with the Archaeological Mitigation Plan, if sites of archaeological interest cannot be preserved in situ, then a programme of further works, supported by a Written Scheme of Investigation, will be submitted to the LPA's archaeological advisors.

The fieldwork was carried out over several periods from mid January to mid May 2012. The first two survey phases were reported separately (Dalland 2012a; Dalland 2012b). The current report consolidates the survey work undertaken down to May 2012 and the previous survey reports are now superseded.

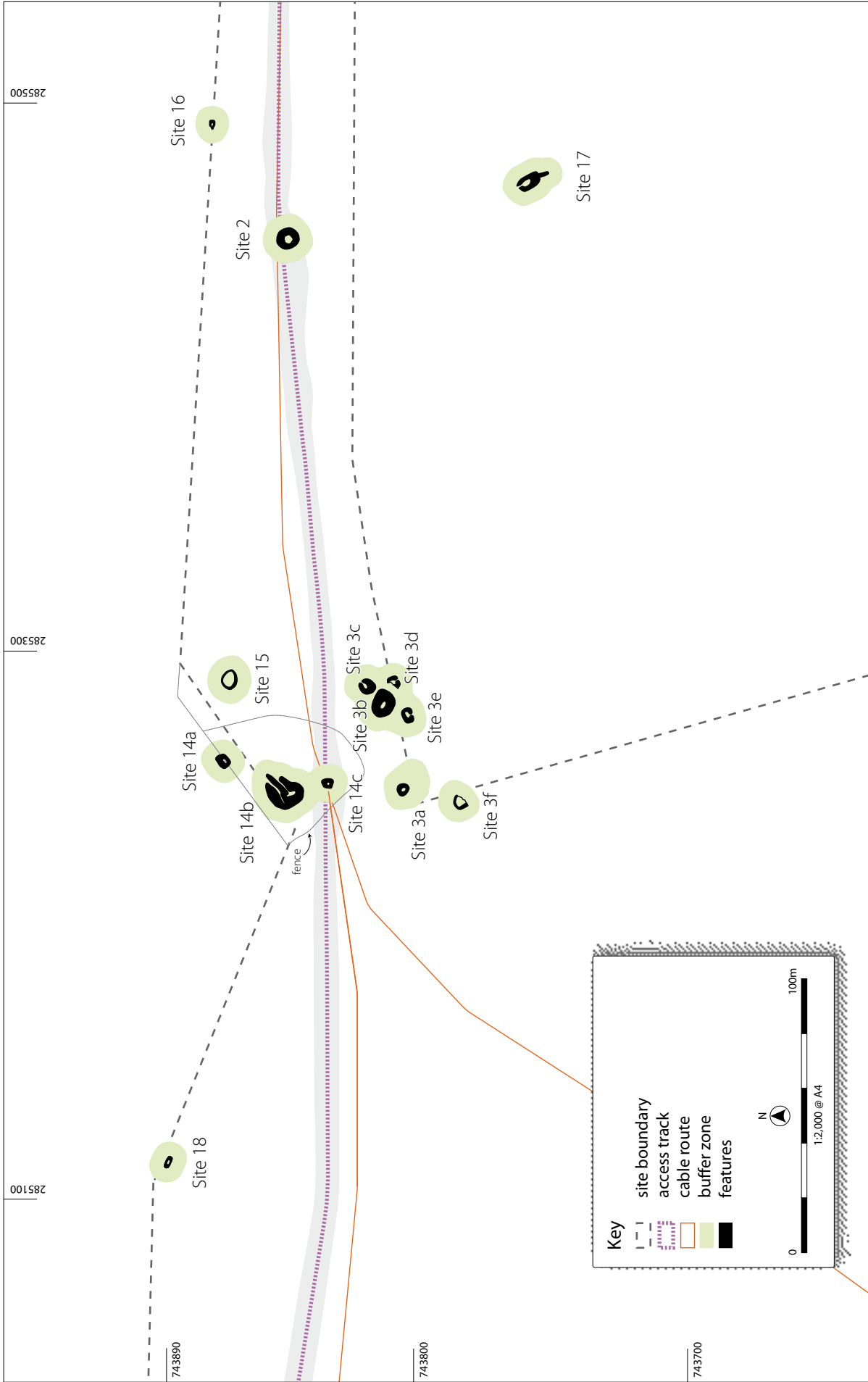


2

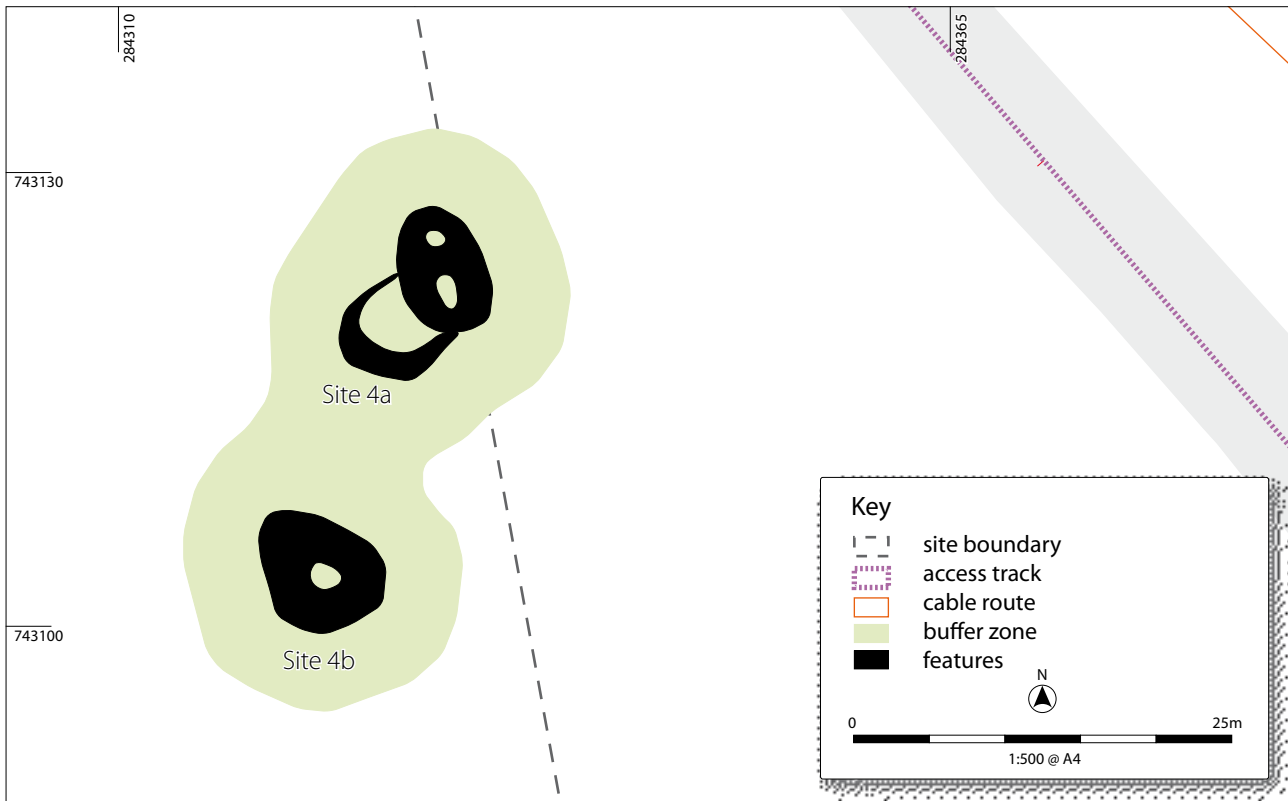


Illus 2

Archaeological features within the cable corridor next to the Scotston scheduled area



Illus 3
Sites 2, 3 & 14-18



Illus 4
Site 4

2. EXISTING ARCHAEOLOGICAL RECORDS

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The Environmental Statement refers to three sites of archaeological interest that lie within the development area. These were recorded during a survey originally carried out in 2003:

1. Shielding hut at NN 846 425 – ES Ref no. 15 (Site 12: Illus 1)
2. Shepherd’s cairn at NN 855 426 – ES Ref no. 11 (Site 11: Illus 1)
3. Shepherd’s cairn at NN 842 425 – ES Ref no. 16 (Site 13: Illus 1)

The shieling hut appears to be located near Turbine 73, towards the south end of the area while the two shepherd’s cairns are situated near the site boundary to the east and west of the shieling hut (Illus 1).

3. MARKING OUT SURVEY

3.1 Methods

The 6-figure co-ordinate positions of the three sites were uploaded onto a differential GPS to facilitate their quick location in the field. If the sites could not be readily identified at these positions, then the surrounding area was

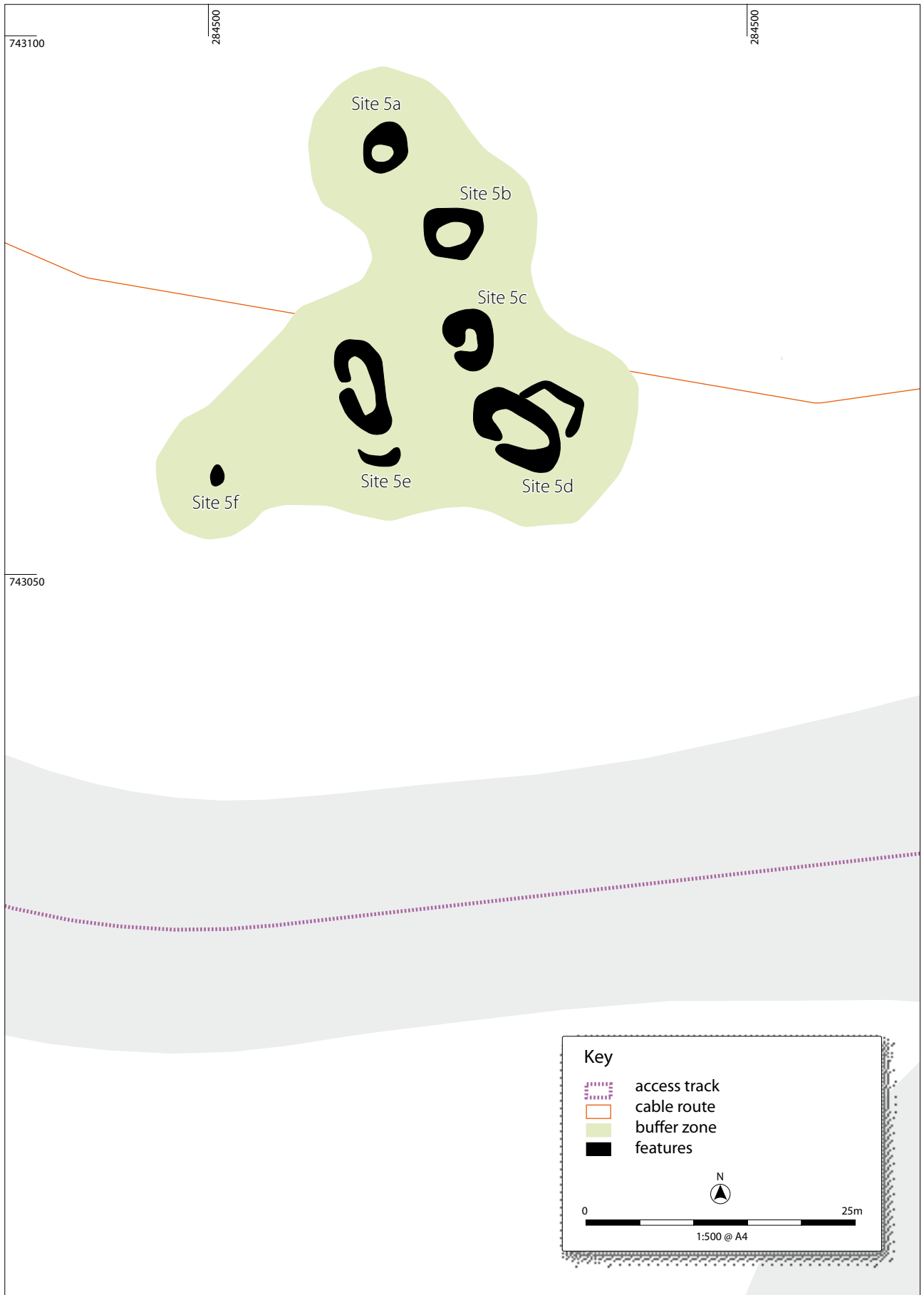
examined further to confirm location. Once the site was located it was recorded and the position was surveyed in to within 1m accuracy using the dGPS. The site, including a 5m buffer-zone was then fenced off, using netlon.

3.2 Results

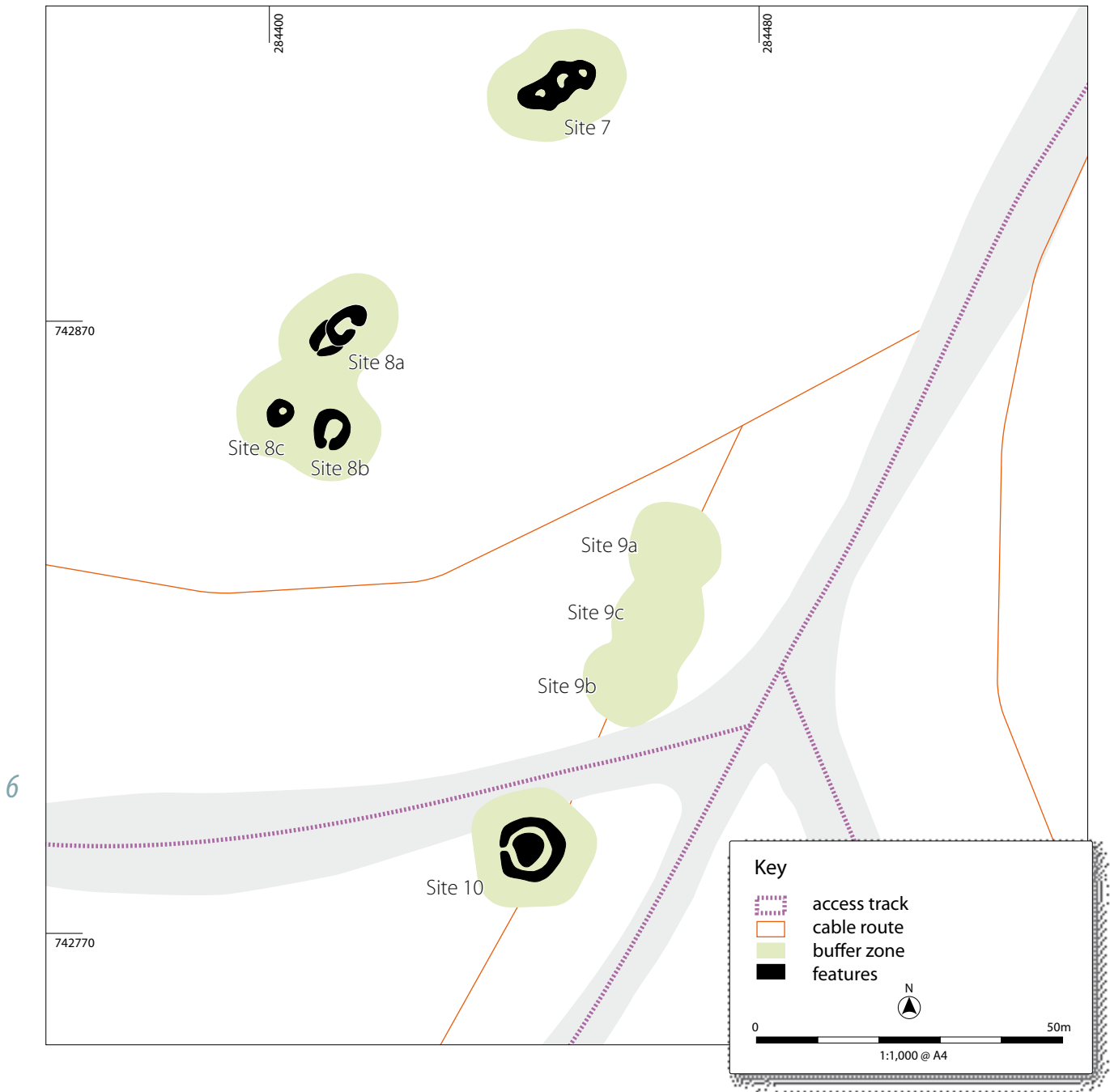
The supposed shepherd’s cairn at NN 855 426 (Site 11) was found at NN 85623 42616, near the summit of Meall Odhar. It comprised an orthostat, 0.4m long by 0.1m wide by 0.3m high supported at the base by horizontal stones at ground level. This composition indicates that it is more likely to be a boundary marker than a shepherd’s cairn. Re-survey of the location of the site indicates that it is located 97m outside the site boundary.

The shepherd’s cairn at NN 842 425 (Site 13) was found at NN 84133 42516 on a low ridge between two tributaries to the Calliachar Burn. It comprised a small cairn built on top of a rocky outcrop. Re-survey has established that the cairn lies 127m outside the site boundary. A high-voltage power line runs between the cairn and the site boundary.

Despite a thorough search of the area, it was not possible to locate the shieling hut at the given co-ordinate NN 846 425 (ES Ref 15). Moreover, given the nature of the terrain it seemed very unlikely that there would be any shielings in the area around the position stated in the Environmental Statement.



Illus 5
Site 5



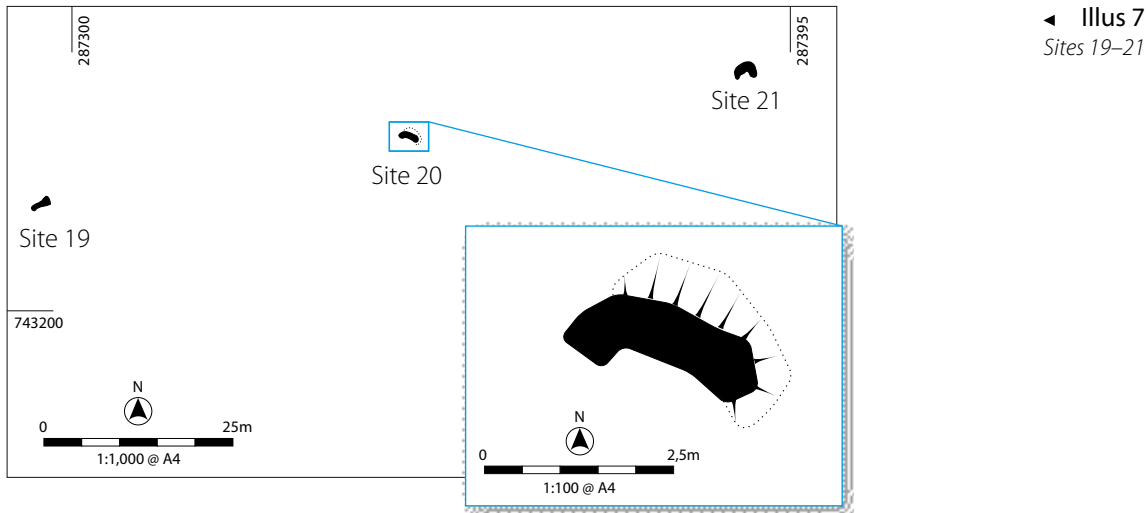
Illus 6
Sites 7-10

To resolve this matter, the gazetteer from the original Environmental Statement (CFA 2003) was obtained. This brought to light several errors that contributed to the incorrect location of these three sites, as summarised in the Environ (2011) document:

- There were some inaccuracies in the recording of the location of the sites quoted as 8-figure grid references. The error was in the order of 37m to 67m.
- In the Environ (2011) document, the accuracy of the location of the sites was reduced from 8 to

6-figure grid-references, thus increasing the error to between 70m and 125m.

- A mistake was made when plotting the location of the shielding (Site 12) in the original Environmental Statement. The site was incorrectly plotted on the survey map using the northing from Site 13. This located the site 670m too far north, placing it within the current site boundary.



◀ Illus 7
Sites 19–21

4. WALKOVER SURVEY

4.1 Methods

The line of the proposed cable and road corridor route was walked by two experienced field archaeologists. The survey was guided by a differential GPS with the route pre-loaded and all sites were located using the GPS. The weather conditions during the survey were overcast but mainly dry. Most of the initial survey was carried out using the differential GPS, but due to lack of mobile phone correction in the north and south-west part of the area most sites were surveyed using a PC running CAD software linked to a total station and anchored within the National Grid.

4.2 Results

A total of 18 new sites were recorded during the survey (Sites 1–10, 14–21). The sites comprised 38 individual structures including 22 shieling huts, two possible hut-circles, two enclosures, three hollow features, one bank, three shooting butts, four clearance cairns and one possible funerary cairn.

5. DISCUSSION

The sites are located within four areas (Illus 1):

1. Site 1 lie immediately to the north-east of the Scotston scheduled area, some 600m to the north-west of the sub-station (Illus 2).
2. Sites 2, 3, 14–18 lie at the north-east corner of the turbine area within an area roughly 130m by 400m (Illus 3).
3. Sites 4 to 10 lie on the western side of the development area on the lower west-facing slopes

of Meall Odhar. They are confined within an area of some 330m by 360m near the locations of Turbines 69, 71 and 72 (Illus 4–6).

4. Sites 19 to 21 are three shooting butts situated in a line some 50m apart within the footprint of Borrow Pit 1 (Illus 7).

The majority of the sites are identified as shieling huts, associated with seasonal exploitation of the upland summer grazing areas. These structures could be of medieval date, but it is more likely that they belong to the post-medieval period. However, two possible prehistoric hut-circles and one possible prehistoric cairn have been recorded, indicating a much earlier period of land-use. These sites could represent the last surviving features of prehistoric settlements. It is possible that the improved ground associated with prehistoric settlement has been reused as the focus for the later shieling grounds. Prehistoric features on the hillside may have provided the building material for the later shieling structures, thus largely removing evidence of the earlier settlements.

6. REFERENCES

- CFA 2003 *Calliachar Wind Farm: Annex A, Cultural Heritage*, CFA client report for BMT Cordah/I&H Brown.
- Dalland, M 2012a *Calliachar Wind Farm, Perth & Kinross - Report on Walkover Survey along proposed cable route*. Unpublished client report.
- Dalland, M 2012b *Calliachar Wind Farm, Perth & Kinross - Report on Walkover Survey along proposed cable route and road layout at Meall Odhar*, Unpublished client report.
- Environ 2011 *Calliachar Wind Farm: Environmental Statement* (Volume 2, Chapter 7: Cultural Heritage, pp. 85–91).
- Headland Archaeology 2011 *Calliachar Wind Farm, Perth & Kinross - Written Scheme of Investigation for a programme of archaeological works*.



APPENDICES

Appendix 1 – Site gazetteer

Site 1a – Hut-circle

Location: NN 90535 43281

Description: Hut-circle, 12m external diameter, defined by low stony bank 2m wide by 0.2m high. The hut circle is situated 4m to the south-west of a pylon. Recorded on 1990s survey.



Site 1b – Bank

Location: NN 90593 43226 (centre)

Description: Low S-shaped bank, 100m long, 2m wide and aligned north to south. Extends beyond the limits of the scheduled area. Recorded on 1990s survey.

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Site 1c – Clearance cairn

Location: NN 90461 43430

Description: Partly turf-clad cairn, 4m in diameter and 0.3m high. A path runs over the west edge of the cairn. Not recorded on 1990s survey.

Site 1d – Possible cairn

Location: NN 90515 43350

Description: A low round mound 3m in diameter and 0.2m high covered in deep heather. Possible cairn. Not recorded on 1990s survey.

Site 1e – Possible cairn

Location: NN 90559 43273

Description: A low round mound 3m in diameter and 0.2m high covered in deep heather. Possible cairn. Not recorded on 1990s survey.

Site 1f – Possible cairn

Location: NN 90620 43202

Description: A low round mound 3m in diameter and 0.2m high covered in deep heather. Possible cairn. Not recorded on 1990s survey.

Site 2 – Embanked hollow feature: possible shooting-butt

Location: NN 85448 43845

Description: A rounded hollow 3.2m in diameter and 0.8m deep, cut into a natural ridge. The hollow was surrounded by a low bank up to 2.5m wide and 0.3 m high. The pit and bank are covered in the same type of vegetation as their surroundings, indicating that this is not a recent feature.



Site 3a – Shieling hut

Location: NN 85276 43802

Description: An oval shieling hut located southwest of Site 3b. It is aligned east to west and measures 2.3m by 1.6m internally. A 0.5m wide entrance is located towards the west end of the south wall. The walls are up to 1.5m wide and 0.6m high and covered in deep heather. Two flat stones set on edge form the internal northeast corner.



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Site 3b – Shieling hut

Location: NN 85280 43811

Description: Shieling hut located 25m to the east of Site 3a on the south side of the ridge. It is oval in plan, aligned northwest to southeast and measures 3.5m by 1.5m, internally defined by stony banks up to 3.5m wide and 0.5m high. The entrance is to the south-east.





Site 3c – Shieling hut

Location: NN 85287 43817

Description: Shieling hut located immediately to the northeast of Site 3b. It is oval in plan, aligned east to west and measures 2.4m by 1.8m internally. The walls are up to 2.5m wide and 0.5m high. There is a 0.45m wide entrance to the east.



Site 3d – Shieling hut

Location: NN 85288 43807

Description: Shieling hut located immediately to the southeast of Site 3b. It comprises two curving banks up to 1.4m wide and 0.6m high that are built up against the vertical face of a large boulder that forms the northeast side of the structure. The shieling measures 2m by 3m internally with a 0.5m wide entrance to the southeast. The structure is covered in tall heather.

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Site 3e – Shieling hut

Location: NN 85276 43802

Description: An oval shieling hut located southwest of Site 3b. It is aligned east to west and measures 2.3m by 1.6m internally. A 0.5m wide entrance is located towards the west end of the south wall. The walls are up to 1.5m wide and 0.6m high and covered in deep heather. Two flat stones set on edge form the internal northeast corner.

Site 3f – Enclosure

Location: NN 85244 743783

Description: A D-shaped enclosure is located to the south of Site 3a. It measures 3.4m by 3.9m internally. The southeast side is cut into the base of a northwest-facing slope. The remaining part of the enclosure is defined by the footings of a dry stone wall 0.8m wide and surviving up to a height of 0.5m.



Site 4a – Shieling hut

Location: NN 84330 43122

Description: Shieling hut possibly overlying hut-circle. The shieling hut is aligned northwest to southeast and measures 8.5m by 5.5m externally and is defined by low stony banks 1.5m wide by 0.2m high. A small cell 1.5m in diameter is located at the north-western end of the feature. The shieling hut appears to sit over the north-eastern part of a sub-circular platform up to 0.2m high and some 9m in diameter, possibly the remains of a hut-circle.



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Site 4b – Possible hut-circle

Location: NN 84324 43104

Description: Possible hut-circle in the form of a central depression some 2m in diameter and 0.25m deep within a sub-circular bank up to 2.9m wide and 0.2m high. There is a possible entrance to the northwest.





Site 5a – Shieling hut

Location: NN 84516 43089

Description: Shieling hut located on a gentle west-facing slope some 180m to the east of Site 4. It appears as a hollow 1.8m by 2.5m cut into the side of a small slope to the southwest. The northeast side is defined by a low bank.



Site 5b – Shieling hut

Location: NN 84523 43082

Description: An oval shieling hut located 5m to the southeast of Hut 5a. It measures 3m by 2.3m internally within walls up to 1.5m wide and 0.4m high. There is a possible entrance to the south.

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Site 5c – Shieling hut

Location: NN 84524 43072

Description: An oval shieling hut located 5m to the south of Hut 5b. It measures 2.3m by 1.3m internally within walls up to 1.7m wide and 0.4m high. The entrance is to the west.

Site 5d – Shieling hut

Location: NN 84529 43064

Description: An oval shieling hut located 2m to the south of Hut 5c. It is aligned northwest to southeast and measures 6m by 2.5m internally within walls up to 1.5m wide and 0.4m high. The entrance is to the southwest. A C-shaped low stony bank, 1.2m wide lies on the northeast side of the shieling hut enclosing an area 4m by 1.7m. This might be a small enclosure contemporary with the building or possibly an older structure partly covered by the shieling hut.



Site 5e – Shieling hut

Location: NN 84515 43067

Description: An oval shieling hut located 7m to the west of Hut 5c. It is aligned north to south and measures 5.5m by 2m internally within walls up to 1.5m wide and 0.4m high. The entrance is to the west. There is a curving bank to the south of the building, possibly outlining a small pen built up against the south wall.



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Site 5f – Hollow

Location: NN 84501 43059

Description: Small hollow 2m by 1.3m located some 12m to the west of Hut 5e. It could be the remains of a small shieling hut, but there is no clear evidence of walls enclosing the hollow.





Site 6 – Bank

Location: NN 4217 42958 to 84293 42992

Description: A sinuous stony bank up to 2.8 m wide and 0.3m high was recorded on the lower slopes on the east side of the Calliachar Burn. It was seen as three segments partly sub-merged in peat and could be traced over a distance of some 90m. The two segments to the west are on an east to west alignment while the east segment curves towards the north-east.



Site 7 – Shieling hut

Location: NN 84447 42908

Description: Shieling comprising three conjoined cells aligned northeast to southwest, located on the southeast-facing slopes of a small knoll. The structure is some 14 long by 5.5m wide externally and is defined by stony banks up to 1.8m wide and 0.4m high.

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Site 8a – Shieling hut

Location: NN 84411 42869

Description: An oval shieling hut, located on an area of dry land some 50m to the southwest of Site 7. It is aligned northeast to southwest and measures 3m by 1.8m internally within walls up to 1.8m wide and 0.4m high. The entrance to the southeast is 0.7m wide. Two curving banks springing from the southwest end of the building appears to form an entrance to the southwest into an older structure on the same alignment, now partly covered by the later shieling hut.

Site 8b – Shielling hut

Location: NN 84410 42853

Description: An oval shielling hut located on the southeast side of a small ridge some 9m to the south of Hut 8a. Its sub-rectangular interior measures 3.5m by 2.7m within walls up to 1.9m wide and 0.5m high. Two orthostats form the west side of a 0.4m wide entrance to the south.



Site 8c – Shielling hut

Location: NN 84402 42855

Description: Sub-circular structure, 4m to 5m in external diameter and defined by a stony bank up to 1.5m wide and 0.2m high. There is a possible entrance to the north.



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Site 9a – Shielling hut

Location: NN 84466 42832

Description: A possible shielling hut located on the top of a low ridge some 50m to the southeast of Hut 8b. It appears as a hollow 2m by 1.5m and 0.15m deep surrounded by a low but well-defined bank up to 2m wide.





Site 9b – Shieling hut

Location: NN 84458 42811

Description: A shieling hut cut into the side of a south-facing slope some 18m to the south of Site 9a. The oval interior measures 2.3m by 1.8m and is defined by a cut into the slope to the north and a bank up to 1.5m wide to the south. There is a 0.4m wide entrance to the southwest.



Site 9c – Possible shieling hut

Location: NN 84463 42821

Description: An oval structure located on the top of the low ridge between Sites 8a and 8b. It measures 6m by 4.5m externally and is aligned north-east to southwest. It is defined by a low bank up to 2.5m wide.

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Site 10 – Cairn

Location: NN 84442 42784

Description: A sub-circular stony mound located on a rocky knoll some 25m to the southwest of Site 9b. The mound measures some 5m in diameter and is 0.5m high. A low stony bank encircles the mound. The bank is generally 1.7m wide and up to 0.3m high and forms an enclosure some 7.5m in diameter internally with a possible entrance to the west. The nature of this feature is uncertain, but it may be a prehistoric funerary monument.

Site 11 – Boundary marker (EIA Ref no. 11)

Location: NN 85623 42616

Description: An orthostat 0.4m long by 0.1m wide by 0.3m high supported at the base by horizontal stones at ground level is located near the summit of Meall Odhar. The form of this feature indicates that it is a boundary marker. The site is located 97m outside the eastern limits of the site boundary.



Site 12 – Shieling hut (EIA Ref no. 15)

Location: NN 8460 4183 (not verified in the field)

Description: This shieling hut was incorrectly located inside the development area at NN 846 425. Data from the original archaeological survey report (CFA 2003) indicates that the site is located some 670m to the south, over 500m outside the site boundary.

Site 13 – Shepherd's cairn (EIA Ref no. 16)

Location: NN 84133 42516

Description: A small cairn, 2m by 1m by 0.8m high, is located on top of a rocky outcrop on a low ridge between two tributaries to the Calliachar Burn. The site is located 127m outside the western limits of the site boundary.





Site 14a – Shieling hut

Location: NN 85259 43868

Description: A small oval shieling hut is located at the top of a north-facing slope some 50m to the north of Site 3. It is aligned northeast to southwest and measures 1.4m by 2.4m internally within low banks spread to 1.5m wide and up to 0.3m high. The structure is mainly covered in deep heather. A forestry fence along a plantation to the north runs across the structure.



Site 14b – Shieling hut

Location: NN 85247 43845

Description: A sub-rectangular structure is located some 20m to the southwest of Site 14a. It is aligned north-northwest to south-southeast and measures 2m by 4.2m internally and is defined by banks spread to 2.5m wide and up to 0.8m high. The entrance is just south of the northeast corner. A 6m long and 0.9m wide 'corridor' defined by banks on either side, up to 0.5m high and 1.8m wide, leads up to the entrance from the northeast. A second parallel 'corridor' 1.1m long by 0.8m wide is formed by a third bank up to 3.2m wide and 0.5m high that runs to the north and curves round to join the northwest corner of the building. With the exception of the interior the entire structure is covered in deep heather.

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Site 14c – Small enclosure – pen

Location: NN 85251 43831

Description: A small U-shaped structure is located 7m to the south of Site 14b. It is defined by low banks up to 0.2m high and 1.1m wide enclosing an area 1.1m by 2.2m. The entire structure is covered in deep heather.

Site 15 – Possible hut-circle

Location: NN 85289 43867

Description: A possible hut-circle is located on top of a low rise with boggy areas to the east, south and west some 25m to the east of Site 14a. It is defined as a low sub-circular platform 0.2m high with an irregular dished interior. The site is largely covered in heather.



Site 16 – Man-made hollow

Location: NN 85490 43873

Description: A sub-rectangular hollow is located on the east side of a small stream some 50m to the northeast of Site 2. It is 0.7m deep and has well-defined steep sides. The feature measures 1.2m by 1.9m internally and is aligned east to west. The entrance into the hollow is from the west. There is no clear evidence of any banks surrounding the hollow. With the exception of the base, the feature is covered in deep heather.



19

Site 17 – Shielling hut

Location: NN 85468 43759

Description: A shieling hut is located near the edge of a boggy area at the base of a north-facing slope some 110m to the south of Site 16. It is aligned northwest to southeast and measures 3.5m by 2.2m internally within walls up to 1.3m wide and 0.4m high. The entrance to the northwest is 0.7m wide. The banks are covered in heather with sedge growing in the interior. A low turf-clad bank, 3.6m long by 1.2m wide by 0.15m high abuts the southeast end of the structure.





Site 18 – Possible shieling hut

Location: NN 85114 43889

Description: A rectangular hollow, 1.5m long by 0.7m wide, framed by a low bank. The structure measures 4.8m by 2.2m externally.



Site 19 – Shooting butt

Location: NN 87296 43214

Description: A single randomly coursed stone wall up to five courses high aligned northeast to southwest. The wall is 0.7m wide, 0.7m high and 1.8m long. The west end is angled towards the south.



Site 20 – Shooting butt

Location: NN 87345 43223

Description: An L-shaped stone wall aligned southeast to northwest, turning sharply towards the southwest at the west end. The wall is up to 0.5m wide and 0.9m high. The main part is 1.6m long, and with an earthen bank built up against its northeast side. The western arm is partly collapsed but measured some 1.1m long originally.



Site 21 – Shooting butt

Location: NN 87389 43232

Description: A n-shaped randomly coursed stone wall up to 1.2m wide and 1.3m high. It measures 2.7m east to west with a shorter segment turning south at either end. The arm at the west end is 0.6m long the arm to the east is 1.1m long.

Appendix 2 – Site register

Photographic register

Photo no.	Digital file	Facing	Description
01	CALL11-003-001a-b.jpg	SW	Site2. Man-made hollow
02	CALL11-003-002a-b.jpg	NE	Site2. Man-made hollow
03	CALL11-003-003.jpg	E	View towards line of the cable corridor along the north side of Loch Hoil
04	CALL11-003-004.jpg	NE	View towards line of the cable corridor to the north-west of Loch Hoil
05	CALL11-003-005.jpg	N	View towards the west end of the cable corridor
06	CALL11-003-006.jpg	NW	View towards the west end of the cable corridor
07	CALL11-003-007.jpg	SW	View along the line of grouse-butts to the west of Loch Hoil
08	CALL11-003-008.jpg	W	Grouse-butt no1 in the line of grouse-butts to the west of Loch Hoil
09	CALL11-003-009.jpg	SE	View along the line of the cable corridor on the north-east side of Loch Hoil
10	CALL11-003-010.jpg	SE	Site11. Boundary marker
11	CALL11-003-011a-b.jpg	E	Site11. Boundary marker - detail
12	CALL11-003-012.jpg	NW	Site11. Boundary marker
13	CALL11-003-013.jpg	SE	Site11. Boundary marker fenced off with netlon
14	CALL11-003-014a-b.jpg	NW	Site 3a. Shieling-hut
15	CALL11-003-015.jpg	NW	Site 3a. Shieling-hut interior
16	CALL11-003-016.jpg	NE	Site 3a. Shieling-hut. Location shot
17	CALL11-003-017.jpg	SW	Site 3c. Shieling-hut
18	CALL11-003-018.jpg	SW	Site 3c. Shieling-hut interior
19	CALL11-003-019.jpg	NW	Site 3c. SE wall of shieling-hut
20	CALL11-003-020.jpg	NW	Site 3b. Shieling-hut
21	CALL11-003-021.jpg	SE	Site 3b. Shieling-hut
22	CALL11-003-022.jpg	NE	Site 3. Location shot
23	CALL11-003-023.jpg	NE	Site 3. Location shot
24	CALL11-003-024.jpg	W	Site5. Location shot
25	CALL11-003-025a-b.jpg	W	Site5b. Shieling-hut
26	CALL11-003-026a-b.jpg	W	Site5c. Shieling-hut
27	CALL11-003-027a-b.jpg	NW	Site5d. Shieling-hut
28	CALL11-003-028a-b.jpg	NW	Site5c. Shieling-hut

Photo no.	Digital file	Facing	Description
29	CALL11-003-029a-b.jpg	W	Site5b. Shieling-hut
30	CALL11-003-030.jpg	W	Site5e. Shieling-hut
31	CALL11-003-031.jpg	W	Site5e. Shieling-hut. S end
32	CALL11-003-032.jpg	W	Site5e. Shieling-hut. N end
33	CALL11-003-033a-b.jpg	N	Site5e. Shieling-hut
34	CALL11-003-034.jpg	SW	Site6. Bank, NE segment
35	CALL11-003-035.jpg	SW	Site6. Bank, NE segment
36	CALL11-003-036.jpg	NE	Site6. Bank, NE segment
37	CALL11-003-037.jpg	E	Site6. Bank, W segment. Middle segment in the background to the left
38	CALL11-003-038.jpg	E	Site6. Bank, middle segment
39	CALL11-003-039.jpg	NW	Site 10. Location shot
40	CALL11-003-040.jpg	NW	Site 10. Location shot, zoomed in
41	CALL11-003-041.jpg	NE	Site 10. Bank on SE side
42	CALL11-003-042.jpg	NE	Site 10. Central mound and bank on SE side
43	CALL11-003-043.jpg	N	Site 10. Bank on W side
44	CALL11-003-044a-b.jpg	W	Site 10. Location shot
45	CALL11-003-045.jpg	NE	Site 7. Stony mound
46	CALL11-003-046.jpg	SW	Site 8a. View towards Site 8a from Site 7
47	CALL11-003-047a-b.jpg	SSW	Site 8a. Shieling hut
48	CALL11-003-048a-b.jpg	SW	Site 8a. Shieling hut
49	CALL11-003-049.jpg	SW	Site 8b. Shieling hut
50	CALL11-003-050.jpg	NE	Site 8b. Shieling hut
51	CALL11-003-051a-b.jpg	NE	Site 9b. Shieling hut
52	CALL11-003-052.jpg	SW	Site 9b. Shieling hut
53	CALL11-003-053a-b.jpg	N	Site 9a. Shieling hut
54	CALL11-003-054.jpg	NE	Site 9a. Shieling hut
55	CALL11-003-055.jpg	E	Site 9a. Shieling hut
56	CALL11-003-056.jpg	W	Site 9b. Shieling hut
57	CALL11-003-057.jpg	N	Site 8b. Shieling hut
58	CALL11-003-058.jpg	NE	Site 8b. Shieling hut, detail showing entrance
59	CALL11-003-059.jpg	SW	Site 8b. Shieling hut
60	CALL11-003-060.jpg	N	Site 8b. Shieling hut, detail showing entrance



Photo no.	Digital file	Facing	Description
61	CALL11-003-061.jpg	E	Site 8b. Location shot
62	CALL11-003-062.jpg	NW	Site 8b. Shieling hut
63	CALL11-003-063.jpg	SE	Site 8a. Shieling hut
64	CALL11-003-064.jpg	NE	Site 8a. Shieling hut
65	CALL11-003-065.jpg	NW	Site 8a. Shieling hut, showing entrance
66	CALL11-003-066a-b.jpg	SE	Site4b. Possible hut-circle
67	CALL11-003-067a-b.jpg	N	Site4b. Possible hut-circle
68	CALL11-003-068a-b.jpg	SE	Site4a. Shieling hut
69	CALL11-003-069a-b.jpg	NE	Site4a. Older structure, possibly a hut-circle, to the SE of the shieling hut
70	CALL11-003-070a-b.jpg	SW	Site4a. Shieling hut
71	CALL11-003-071a-b.jpg	N	Site5f. Small hollow
72	CALL11-003-072a-b.jpg	W	Site5a. Shieling-hut
73	CALL11-003-073a-b.jpg	N	Site5a. Shieling-hut
74	CALL11-003-074.jpg	SE	Site 13. Shepherd's cairn
75	CALL11-003-075.jpg	NE	Site 13. Shepherd's cairn
76	CALL11-003-076.jpg	NE	Site 3f. Enclosure
77	CALL11-003-077.jpg	SE	Site 3f. Enclosure
78	CALL11-003-078.jpg	W	Site 3e. Shieling-hut
79	CALL11-003-079.jpg	E	Site 3e. Shieling-hut
80	CALL11-003-080.jpg	NW	Site 3d. Shieling-hut built up against the S side of large boulder
81	CALL11-003-081.jpg	SE	Site 3d. Shieling-hut seen from top of boulder
82	CALL11-003-082.jpg	E	Site 15. Possible hut-circle
83	CALL11-003-083.jpg	N	Site 14c. Small pen?
84	CALL11-003-084.jpg	NE	Site 14b. Building
85	CALL11-003-085.jpg	NE	Site 14b. Building, elevated view
86	CALL11-003-086.jpg	NW	Site 14b. Building interior
87	CALL11-003-087.jpg	NE	Site 14b. Building view along passage out from entrance
88	CALL11-003-088.jpg	SW	Site 14b. View along passage to the N of building
89	CALL11-003-089.jpg	SW	Site 14a. Shieling hut?
90	CALL11-003-090.jpg	E	Site 15. Possible hut-circle
91	CALL11-003-091.jpg	W	Site 16. Oval hollow
92	CALL11-003-092.jpg	E	Site 16. Oval hollow
93	CALL11-003-093.jpg	SE	Site 17. Shieling hut. Location shot

Photo no.	Digital file	Facing	Description
94	CALL11-003-094.jpg	SE	Site 17. Shieling hut
95	CALL11-003-095.jpg	E	Site 18. Possible shieling hut fenced off by netlon
96	CALL11-003-096.jpg	S	Site 8c. Possible shieling hut
97	CALL11-003-097.jpg	W	Site 8c. Possible shieling hut
98	CALL11-003-098.jpg	N	Site 8c. Possible shieling hut
99	CALL11-003-099.jpg	E	Site 8c. Possible shieling hut
100	CALL11-003-100.jpg	NE	Site 7. Shieling
101	CALL11-003-101.jpg	SE	Site 7. Shieling
102	CALL11-003-102.jpg	E	Site 7. NE end of shieling
103	CALL11-003-103.jpg	S	Site 7. Shieling
104	CALL11-003-104.jpg	SE	Site 7. Shieling
105	CALL11-003-105.jpg	NW	Site 7. NE end of shieling
106	CALL11-003-106.jpg	S	Site 7. Shieling
107	CALL11-003-107.jpg	N	Site 19. Shooting butt
108	CALL11-003-108.jpg	NW	Site 20. Shooting butt
109	CALL11-003-109.jpg	W	Site 20. Shooting butt
110	CALL11-003-110.jpg	N	Site 21. Shooting butt
111	CALL11-003-111.jpg	E	Site 21. Shooting butt
112	CALL11-003-112.jpg	NW	Site 21. Shooting butt
113	CALL11-003-113a-b.jpg	N	Site 9c. Possible shieling hut
114	CALL11-003-114.jpg	E	Site1b. N end of bank (Heather removed)
115	CALL11-003-115.jpg	N	Site1b. N end of bank (Heather removed)
116	CALL11-003-116.jpg	S	Site1c. Clearance cairn (Heather removed)
117	CALL11-003-117.jpg	NW	Site1c. Clearance cairn (Heather removed)
118	CALL11-003-118.jpg	SE	Site1c. Clearance cairn (Heather removed)
119	CALL11-003-119.jpg	NNE	Site2. Man-made hollow
120	CALL11-003-120.jpg	W	Site2. Man-made hollow
121	CALL11-003-121.jpg	S	Site2. Man-made hollow

Appendix 3 – Discovery and Excavation in Scotland entry

LOCAL AUTHORITY:	Perth and Kinross
PROJECT TITLE/SITE NAME:	Calliachar Wind Farm, Perth & Kinross
PROJECT CODE:	CALL11/003
PARISH:	Dull, Little Dunkeld
NAME OF CONTRIBUTOR(S):	Magnar Dalland
NAME OF ORGANISATION:	Headland Archaeology Ltd
TYPE(S) OF PROJECT:	Walkover Survey
NMRS NO(S):	NN94SW7
SITE/MONUMENT TYPE(S):	–
SIGNIFICANT FINDS:	None
NGR:	NN 8743
START DATE (this season)	17th January 2012
END DATE (this season)	May 2012
PREVIOUS WORK (incl. DES ref.)	–
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>A walkover survey was carried out over the entire site of the Calliachar Wind Farm area including the proposed cable route, the road layout from the junction with the A826 to Turbines 69 – 82 and Borrow pits 1 and 2.</p> <p>Eighteen previously unrecorded sites were identified during walkover, some of which lay within the construction footprint of the development. The sites comprised 38 individual structures including 22 shieling huts, two possible hut-circles, two enclosures, three hollow features, one bank, three shooting butts, four clearance cairns and one possible funerary cairn.</p>
PROPOSED FUTURE WORK:	–
ARCHIVE LOCATION (intended/deposited):	Archive to be deposited at RCAHMS.
SPONSOR OR FUNDING BODY:	Calliachar Wind Farm Ltd
CAPTION(S) FOR ILLUSTRS:	–
ADDRESS OF MAIN CONTRIBUTOR:	Headland Archaeology Ltd, 13 Jane St, Edinburgh. EH6 5HE
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