

**Report on Walk-Over
Archaeological Survey:**

**Proposed Windfarm Access Route,
Gordonbush, Sutherland.**

Winter, 2002-03



Access track to the south of Breac-achadh, with the proposed windfarm site in the distance.

**01408 621338 (home)
01408 623400 (work)
e-mail: nick.lindsay@highland.gov.uk**

**Dr Nick Lindsay
Sunnybrae
West Clyne
Brora
Sutherland
KW9 6NH
March, 2003**

Contents

Executive Summary	2
Introduction	3
Lower Allt a'Mhuilinn (including Ascoile and Ascoilebeg) Features 001-052	5
Allt a'Mhuilinn Features 053-074	19
Allt a'Mhuilinn - Lower Breac-achadh Features 075-096	24
Gordonbush to Breac-achadh Features 097-129	29
Lower Breac-achadh Features 130-151	37
Upper Breac-achadh Features 152-171	42
Upper Breac-achadh – Ristocky Features 172-184	47
Quarry Site 1 (Between Breac-achadh & Ristocky) Features 185-211	51
Ristocky Features 212-220	57
Badan Features 221-230	60
Badan to Proposed Windfarm Site Features 231-254	63
Conclusions & Recommendations	69
Appendix I – Summary Table of Features	
Appendix II – Area Location Map	
Appendix III – Feature Location Maps	
Appendix IV - Graphical Relationship of Recorded Features to Track/Quarry Sites/Windfarm Site	
Appendix V - Plates	

Executive Summary

An archaeological walk-over survey of the access route and site of a windfarm, proposed to be located on open moorland to the N of Gordonbush, NW of Brora in Sutherland, resulted in the discovery of 255 archaeological features. The survey was conducted following concerns that the archaeology of the area had not been sufficiently represented in a survey commissioned by the developers.

Of the features discovered, 224 (88%) were previously unrecorded on the Highland Council Archaeology Unit's Sites and Monuments Record (SMR). A total of 99 features were within a 20m buffer zone either side of the proposed access route or the site of the windfarm itself.

The new discoveries will have significantly increased the number of recorded features to the SMR in the parish of Clyne, by approximately 60%.

Any omissions, errors or misinterpretations are entirely the fault of the author, who is a founder member and current Chairman of Clyne Heritage Society in Brora, and strictly an amateur archaeologist.

Acknowledgements

The author is indebted to Mr Robbie Rowantree, Head Keeper of Gordonbush Estate, for information regarding some of the history of the estate, and also to Miss Jacqueline Aitken, for her encouragement and helpful professional advice of the SMR and in the field.

Introduction

Background

Scottish & Southern Energy propose to locate a wind farm comprising up to 55 turbines on an area of remote moorland between Strath Brora and the Strath of Kildonan, centred at National Grid Reference: 287000 915000. An access track from the C6 public road at Ascoile to the site will be improved where one already exists or constructed from new across undisturbed moorland. Three quarries are also proposed to be opened in the area to supply stone for the track construction.

A walkover survey, covering only the proposed route from Ascoile to the site, has already been carried out by contract archaeologist Stuart Farrell in August 2002 and submitted to Highland Council's Archaeology Unit.

Objective

The purpose of this survey and report is to identify any archaeology which may be affected by this proposed development, including areas within the vicinity of the access track, the site itself, and the three quarry sites. The same 20m corridor, as set out in the specification supplied to Mr Farrell, was surveyed, as well as a general area outwith this specific buffer zone where archaeology was apparent. Site visits were made on parts of nine separate days, during the period mid November 2002 to early February 2003.

Setting

The area identified for this development covers around 5 sq km of gently SW-sloping barren upland peat bog. It lies on the watershed between the drainage systems of Allt a'Mhuilinn and Allt Smeòrail, which drain SW into Loch Brora, and a small tributary of Craggie Water which flows into the River Helmsdale to the NW. To the SE of the area, a ridge of hills trends SW-NE, including the prominent peaks of Beinn Smeòrail (at 486m, the highest), Meallan Liath Beag and Meallan Liath Mor.

The access track, beginning at the public road at Ascoile, follows an existing track NE up the E side of the Allt a'Mhuilinn valley for 2km, then cuts SE across new ground on the N flank of Cnoc a' Ghrianain to link with the existing track at Breac-achadh. This continues NE, up the W bank of the Allt Smeòrail to the existing track end beyond Badan, from where a new track will be made to the site. The three quarries are to be located on the NW valley-side of Allt Smeòrail.

The whole area forms part of the sporting estate of Gordonbush, and is roamed freely by deer. The vegetation mainly comprises moorland heather (burned within the past few years in many places, enabling enhanced visibility of features), bracken (generally low after some die-back) and grasses.

Map evidence suggests that, in the Ascoile and Breac-achadh areas, there has been a long-lived human habitation history, from the Neolithic to the Sutherland Clearances of the 1820s, and has been used since for sheep farming and, more recently, sporting recreation.

Weather

Sunday 17th November: bright and sunny.

Friday 6th December: overcast and dull.

Saturday 28th December: overcast, spitting rain turning heavy, cool NW breeze.

Monday 30th December: overcast, spitting rain turning to heavy sleet, cold NW breeze.

Tuesday 31st December: sunny, cold and frosty, cloudless sky.

Saturday 18th January: watery, low sunshine, cool.

Saturday 25th January: wild squally showers with bright intervals.

Monday 27th January: cold, breezy N showers, with sunny spells. Rain later.

Saturday 8th February: overcast with occasional spits of rain.

Survey Methodology

This walkover survey used the most recent Ordnance Survey 1:10,000 scale base maps, although the latest Ordnance Survey Landline maps were also consulted. A hand-held Garmin GPS unit was used for GPS co-ordinates, and a pocket compass clinometer was used for 360⁰ whole circle bearings and slope gradients.

Limitations

The precise route of the track (where proposed), and the location of each of the proposed quarries, has been interpolated from a small-scale map, with the consequence that there may be a degree of inaccuracy in positioning these on the ground. However, a wide enough corridor was included in the survey to aim to allow for this.

GPS co-ordinates are found to differ from Ordnance Survey National Grid co-ordinates generally by around 10m (can be up to 18m) to the SSW. This may pose local problems when relating recorded features to large-scale OS maps.

GPS accuracy is wholly determined by the ability to access available satellites by line of sight. This ability can be reduced by proximity to hillsides and valley-sides and also by tree cover. The timing of the survey may also be crucial, having been undertaken during the Western military build up in the Gulf, in preparation for a potential conflict with Iraq. The US military control the accuracy of GPS.

There were also still many areas remaining under a cover of deep heather and dead bracken, which may conceal further archaeology.

Report

- The Feature numbers used in this report are generally in order beginning at the junction of the existing access track with the C6 public road at Ascoile (see accompanying Feature map).
- Feature descriptions underlined represent archaeology within 20m of the existing access track, the proposed route or the actual site.
- Feature descriptions in *italics* represent archaeology *outwith* a nominal >50m distance from the existing access track, the proposed route or the actual site, but are included in this report to give a greater awareness of the overall archaeology in the area.

Included at the start of each feature is:

First Line

- Feature Number, unique to this report
- Feature Type
- Site Name
- Possible Age Period
- Date (or dates) of Visit

Second Line

- Ordnance Survey National Grid Reference
- Highland Council SMR Reference Number

Third Line

- Relationship of Feature to Proposed Existing Access Track

Fourth Line

- Whether Feature Appears on Ordnance Survey Map

Lower Allt a'Mhuilinn (including Ascoile and Ascoilebeg)

Feature 001. Hilltrack. Allt a'Mhuilinn. Late 19th C with Mid 20th C improvements.

Grid Reference: 282564 910784 to 283340 912506. SMR Reference: None.

Feature is: The Western Section of the Existing Access Track.

Feature Appears on OS Map: All on current Landline.

From C6 public road at Ascoile, a stony track, around 2.5m wide, extends northwards across level ground, before climbing up the hillside at the break of slope at the N edge of the flat river terrace at 282589 910997. From here it charts a winding course up the W side of Cnoc a'Ghrianan, parallel to Allt a'Mhuilinn to its W. At 282757 911586 it passes through an estate fence, from moderately sloping, reclaimed hillside to an open moorland plateau, eventually splitting at 283155 912293, with a branch leading down to the former hydro-electric scheme dam at 283159 912415, and the other part continuing at the existing level to a turning area at 283336 912510.

The track has, at various places along its length, drainage ditches running parallel with it, piped culverts placed underneath it, borrow pits beside it (used during its construction) and spoil heaps/embankments at the side of it. See Plates 13-15, 17 & 18.

Feature 002. Building Remains (possible). Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282606 910774. SMR Reference: None.

Feature is: 10m to the E of Existing Access Track & cut by existing C6 public road.

Feature Appears on OS Map: No.

NE corner of possible footings of building, parallel to the adjacent N edge of a Passing Place on the C6 public road (Plate 1). The outline is formed by a sunken internal area, measuring 22m in length from here to the W, and is 3.5m+ wide (the drainage ditch of the public road truncates the end walls and the whole of the S sidewall has been destroyed during ditch and road construction). The N sidewall trends 095° from here and there is a 5m x 2m outshot at the W end of the N sidewall.

The grass-covered wall remains are very low, typically 0.2m externally and 0.4m in the sunken grass-covered interior, which is uneven and hummocky. The walls are spread to 1m wide and they are not perfectly straight. Where the later road drainage ditch cuts the E gable end, a small stone is visible in the section, but there is no other stone evident in the wall construction.

Feature 003. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282610 910777 to 282599 910967. SMR Reference: None.

Feature is: 30m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Bearing 006° from the N sidewall of Feature 002 above, 15m W of the NE corner, the low remains of a field boundary (parallel with the plough lines) trend straight across the full extent of the level, grassy meadow, to the E sidewall of Feature 016 (below). The boundary itself is also grass-covered and spreads to a width of around 1m in places, but is only 0.2m high, although sporadic, protruding larger boulders occur in its construction.

Feature 004. Clearance Cairn. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282595 910829. SMR Reference: None.

Feature is: 30m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Grass-covered clearance cairn set on a level, grassy meadow with traces of plough lines trending 006° and faint traces of earlier, more widely spaced rig and furrow cultivation. The clearance cairn forms a 6m x 3m oval, trending parallel to the later plough lines and is 0.6m high. Through the grass cover, occasional large boulders protrude and, in a rabbit burrow, rounded cobbles are visible.

Feature 005. Borrow Pit. Ascoile. 19th/20th C? (18/01/03).

Grid Reference: 282507 910818. SMR Reference: None.

Feature is: 50m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Centre of grass-covered borrow pit, cut into SW-facing river terrace edge, marking the lip of the formerly cultivated grassy meadow area to the NE. Within this 10m wide and 1.5m deep linear pit, extending 122° for approximately 25m, there are other, smaller pits and occasional piles of cobble sized stones.

Feature 006. Mound (possible Hut Circle). Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282524 910860. SMR Reference: None.

Feature is: 40m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Centre of rubble/brick and rubbish-filled interior of possible hut circle, or maybe just a large clearance cairn, situated on the level, grass meadow to the W of the existing access track to Ascoile and immediately to the S of the inhabited house. It would be an unusual location for a hut circle and it would be remarkable if it had survived the centuries of agriculture on this valuable area of cultivatable land. The round-topped, grass-covered walls are 2m thick and up to 1m high and the internal diameter is 5.5m, and there is a 2m wide entrance opening to 201°, with a pair of parallel sidewalls extending out from the entrance for 2m.

Feature 007. Ornamental Plantation. Ascoile. Early/Mid 20th C. (08/02/03).

Grid Reference: 282508 910919. SMR Reference: None.

Feature is: 6m to the W of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

Centre of S interior of off-rectangular, parallelogram-shaped, mature pine plantation with, a smaller same-shaped internal, grass-covered clearing, set on level ground on the E bank of Allt a'Mhuilinn. The E edge of the plantation trends parallel with, and is 6m to the W of the existing access track. The plantation measures approximately 145m x 110m, with its long sides trending 011°, and its shorter sides trending 094°. The N and S end sections are approximately 30m wide and the thinner W and E side sections are approximately 20m wide, and remains of internal and external boundary post-and-wire fences still stand.

Stretching NW from the SE corner, a 6m wide, tree-free avenue extends to the centre of the S side of the interior clearing, where it then forms the former path of **Feature 011** (below), which crosses the interior.

Feature 008. Building Remains. Ascoile. Late 20th C. (08/02/03).

Grid Reference: 282509 910918. SMR Reference: None.

Feature is: 60m to the W of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

NE corner of a 3m x 2.5m concrete pad, representing the base of a former small building, the N longside of which trends 276° from here. The pad is set under tree cover in the N side of the S side of the plantation of **Feature 007** (above), and has evidence of timber walls which were formerly bolted to the exterior of the pad.

This is possibly the 'hut' referred to in Frank MacLennan's unpublished (1978) account of a quarrying accident on the track in 19th Century.

Feature 009. Building Remains. Ascoile. Late 20th C. (08/02/03).

Grid Reference: 282504 910919. SMR Reference: None.

Feature is: 65m to the W of Existing Access Track.

Feature Appears on OS Map: No.

NE corner of a 3.5m x 3m concrete pad, representing the base of a former small building, the N longside of which trends 285° from here, set 1.5m to the W of the concrete pad of **Feature 008** (above). The pad is set under tree cover in the N side of the S part of the plantation of **Feature 007** (above), and also has evidence of timber walls which were bolted to the exterior of the pad. Centrally placed on the floor of the pad is a 0.3m high concrete block, measuring 1.1m x 0.6m, parallel to the sides of the building, with two rows of three bolts protruding vertically from the upper surface of the block. It is, to date, unsure of the purpose of this former building.

Feature 010. Find - Sleigh. Ascoile. Early 20th C? (08/02/03).

Grid Reference: 282503 910907. SMR Reference: None.

Feature is: 70m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Location of abandoned, iron-framed sleigh, measuring 2m long x 1.3m wide and 0.5m high. Attached to the lower part of the frame are iron runners along the lengths of each side, curving down from the raised part of the frame. There are two braced cross-members on the upper part of the frame, stretching from side to side, and a 1m long, 'A'-shaped towing bracket is attached by horizontal hinges, allowing travel through the vertical plane, to the leading edge of the frame. There are two sets of paired loose eyes attached to the sides of the upper part of the sides – one pair at the rear and one pair placed centrally. A small quantity of the remains of wood planking is visible still attached to the upper part of the frame.

Given the relatively small size of the sleigh, it is suggested that it was pulled by dogs, rather than by any larger animal or machine. See **Plate 2**.

Feature 011. Path. Ascoile. Early/Mid 20th C. (08/02/03).

Grid Reference: 282508 910919 to 282511 910992. SMR Reference: None.

Feature is: 65m to the W of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

The grassed-over, slightly raised, low broad mound, stretching across the interior clearing of the plantation of **Feature 007** (above) from the N side to the S side, is defined on Ordnance Survey maps as a path. It extends for approximately 90m, from the N end of the tree-free avenue at the centre of the S side of the interior clearing, towards 011°, to end at its meeting with the interior boundary at the N side of the clearing. On OS large-scale maps, it is seen to meet with an enclosed area at the N side of the clearing, of which the trace of post and wire fencing now remains. The path is 3m wide and 0.2m high, and in cross-section is raised gradually above the surrounding grassed clearing. There is a lone gatepost standing 1.8m high at the W side of the path at its S end.

Feature 012. Maze. Ascoile. Late 20th C. (08/02/03).

Grid Reference: 282486 910943. SMR Reference: None.

Feature is: 90m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Centre of intricately designed circular 'maze', laid out carefully and neatly on the level grassed clearing interior of the plantation of **Feature 007** (above). The boundaries of the maze are defined by a single row of stone cobbles, joined end to end, to form a route from its start at the exterior, spiralling and turning back on itself many times, to eventually finish at the centre. The cobbles define a series of partly concentric and interlinked 'layers', although when examined closely, it is a double route, from its entrance opening towards 170°. The entrance has a 'tail', leading into the start of the maze, which bends from the entrance to the E. See **Plate 3**.

The whole structure is 10m in diameter and there are 10, almost concentric 'layers' to guide the maze user from the entrance to the centre, which is marked by a larger boulder. The 'layers' are on average 0.5m wide, but the outer layers tend to be wider than those closer to the centre.

It is unsure of the age of this skilfully planned and executed feature, but it is thought that it is probably fairly recent (i.e. within the last decade), as the cobbles have not been at all consumed by the grass on which they have been placed.

Feature 013. Find – Iron Slag. Ascoile. Late 20th C (re-used Pre-Clearance). (08/02/03).

Grid Reference: 282482 910943. SMR Reference: None.

Feature is: 95m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Incorporated into the construction of the 'maze' of **Feature 012** (above), in the third row in from the W exterior, is a large piece of reddish/brown iron slag, which is, obviously, somewhat out of context. The rounded lozenge-shaped, heavy cobble measures approximately 15cm x 10cm x 10cm.

Given that the cobbles used for the construction of the maze have almost certainly been sourced very locally (maybe from the river bed of Allt a'Mhuilinn, 40m to the W), this is further evidence of a local metal-smelting industry in the vicinity (see **Features 046** and **047** below).

Feature 014. Clearance Cairn. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282607 910902. SMR Reference: None.

Feature is: 30m to the E of Existing Access Track.

Feature Appears on OS Map: No.

A large clearance cairn situated on the formerly cultivated, level grassy meadow, measuring 5m x 4m with its long axis trending 006°. It is 0.6m high and several large boulders are visible protruding from under its grass cover. There is also a depression in the central area, as though it has been partly dug out later or has slightly collapsed centrally.

Feature 015. Clearance Cairn. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282590 910960. SMR Reference: None.

Feature is: 6m to the E of Existing Access Track.

Feature Appears on OS Map: No.

6m to the east of the existing access track, a low, 2.5m diameter, grass-covered clearance cairn rises to 0.2m. It is set on the level grassy meadow area, close to the break of slope rising to the N. In its N interior, two, 8cm square, wooden posts, set vertically in the ground, 1.4m apart in a line bearing 153°, have been sawn off 10cm above ground surface level. These could have formerly been posts holding a notice (associated with forestry or electricity pylon construction?), as this would be the correct orientation and distance to have been clearly visible from the track.

Feature 016. Structure (possible building?). Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282599 910967. SMR Reference: None.

Feature is: 20m to the E of Existing Access Track.

Feature Appears on OS Map: No.

NE corner of rectangular structure/pit, dug into a moderate S-dipping slope at the base of the hillside rising from the level grassy meadow. The structure is defined by several large boulders, especially prominent on its E side downhill for 5m and the 7m long contour-parallel upper sidewall trends 287° from here. The interior of the structure is sub-horizontal, with a steep N backwall, opening onto the level meadow to the S. There are several pieces of loose timber lying about, which may indicate that it was formerly a building of sorts, maybe a small shelter for cattle in the meadow.

The only substantial wall is the E wall, which runs into the field boundary of **Feature 003** (above), the remainder of the structure being clearly defined by the excavated internal area. The boulders in the E wall stand 0.3m high and are up to 0.8m wide.

Feature 017. Clearance Cairn. Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282636 910970. SMR Reference: None.
Feature is: 50m to the E of Existing Access Track.
Feature Appears on OS Map: No.

Large clearance cairn, set at the base of the S-dipping moderate hillside slope, at its meeting with the level grassy meadow area to its S. Being set on a slope, it is 1.5m high on its downhill side (lower on its uphill side) and measures 7m x 5m and trends contour-parallel at 110°. Large boulders are visible in its composition, protruding from its grass cover.

Feature 018. Hilltrack (disused). Allt a'Mhuilinn. Late 19th C.
Grid Reference: 282612 911032 to 282756 911558. SMR Reference: None.
Feature is: Adjoining the Existing Access Track at 282612 911034, 282636 911221, 282662 911331 & 282755 911558.
Feature Appears on OS Map: All on 1:10000 Edition (1966) and subsequent revisions.

From the existing access track at Ascoilebeg, opposite the access to the loading bay area of **Feature 026** (below), this former hilltrack took a more winding route up the steepest part of the W hillside of Cnoc a'Ghrinan, before it was superseded by the more direct track of **Feature 001** (above). It is 2m wide, and being more circuitous, is less steep than the succeeding track, and in many places is completely grassed over now. It is crossed by the new track at two locations.

This former track also has, at various places along its length, drainage ditches running parallel with it, piped culverts placed underneath it, borrow pits beside it used during its construction and spoil heaps/embankments at the side of it.

At 282666 911051, peeking through, and flush with the surface of the grass cover of the track, an arranged layout of embedded large cobbles form a 0.9m wide paved section of trackway for at least 10m (see **Plate 4**). The flat surfaces of the cobbles have been placed upwards to form a relatively smooth running surface. The cobbled section is curiously placed towards the outside of a curve, leaving an apparently unsurfaced width of track on the inside of the curve. The cobbled area strongly resembles the footings of a wall, exposed at ground surface level, but is thought to be a kind of track surfacing, but is unknown why apparently only for this short length.

Nowhere else on the old track was any other cobbled section observed, although, as already stated, grass now covers the majority of the track.

Feature 019. Building Remains. Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282580 911018. SMR Reference: None.
Feature is: 28m to the NW of Existing Access Track.
Feature Appears on OS Map: No.

E corner of the remains of a longhouse, which trends 246° from here down a 7° slope in the NE corner of the pine plantation of **Feature 007** (above) to the W of the existing access track. Its upper gable end is fairly indeterminate and has possibly been truncated by the banking and spoil of the level loading bay area of **Feature 026** (below) to its N. The lower gable end is also fairly difficult to determine, but can be no further downhill than the steeper slope of a former river terrace edge, allowing for a minimum longhouse length of 18m. Its width of 4m is more easily resolved, as the sidewalls, spread to around 1m, are intermittently marked by boulders, and the sunken interior gives an internal wall height of up to 0.6m. The lower part of the NW sidewall is the best-preserved part of the building remains, having several large boulders lining the wall interior. Trees of the later plantation appear to grow preferentially from the wall lines. See **Plate 5**.

Feature 020. Clearance Cairn (possible dyke). Ascoile. Pre-Clearance. (08/02/03).

Grid Reference: 282525 911016. SMR Reference: None.

Feature is: 60m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

E end of a 10m long and 1m wide irregular jumble of large boulders, cobbles and pebbles, up to 0.5m high, trending 290° towards the building remains of **Feature 019** (above). It is set on level ground, parallel with, and 7m inside the N plantation boundary fence, on bare earth under the tree cover, S of a cleared area. It is conjectural whether this feature is a clearance cairn or a spread tumble of stone which was formerly a dyke.

Feature 021. Building Remains. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282499 911006. SMR Reference: None.

Feature is: 80m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

SE corner of building remains, the S gable of which is attached to the N sidewall of **Feature 022** (below), now all under tree cover in the pine plantation of **Feature 007** (above). It measures 8m long x 4m wide with the sidewalls trending 013°. The N gable wall is 0.9m thick and is defined by boulders, one of which is very prominent at 0.6m high, and is attached to the linear boundary dyke of **Feature 040** (below). The sidewalls and S gable are composed of smaller cobbles, spread to 1m and only 0.2m high. As there is no vegetation cover on the level ground under the tree canopy, the walls are set on bare earth and leaf litter, and are relatively easy to discern, and a possible entrance is placed centrally on the W sidewall.

Feature 022. Building Remains. Ascoile. Pre-Clearance. (08/02/03).

Grid Reference: 282493 911004. SMR Reference: None.

Feature is: 60m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

The SE corner of a 4.5m wide longhouse (see **Plate 6**), stretching towards 278° from here for 36m towards the E bank of Allt a'Mhuilinn, all under the tree cover of the pine plantation of **Feature 007** (above), across level ground of bare earth and tree litter. The E gable end is 1m thick and survives to 0.3m high. The long sidewalls are spread to 1m and survive to a similar height as the gable at 0.3m high. A 1m long and 0.2m high section of the S sidewall footings is perfectly preserved in its original, straight-sided condition and is 0.6m wide. The remainder of the wall footings are composed of a jumble of rounded cobbles and earth, and all sections have been subject to heavy disturbance from the planting and subsequent growth of the pine trees in the plantation.

Perpendicularly attached to the N sidewall of the longhouse is the building outline of **Feature 021** (above), and there appears to be a connecting entrance between the two former buildings, 1m to the E of a 1m wide cobble spread division in the longhouse, giving a 26m long E section and a 10m+ long W section. The W gable end is not discernable and may have collapsed into Allt a'Mhuilinn. The NE corner is attached to the linear boundary dyke of **Feature 032** (below).

Feature 023. Find – Iron Slag. Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282466 911023. SMR Reference: None.

Feature is: 120m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

Two small fragments of iron slag discovered in the N sidewall of the longhouse remains of **Feature 022** (above). One piece measures 4cm x 1cm x 1cm, is cylindrical in form with a rounded lower end and a fractured upper end, resembling the lower part of a stalactite. It is, in fact, a solidified 'dribble' of formerly molten metal, with a smooth, shiny black outer surface created by rapid cooling on contact with air. The other piece is a less dense, amorphous 2cm diameter, sub-rounded lump, with a coarse texture all over, indicating that it may be the more slowly-cooled interior fragment of a larger piece.

Feature 024. Building Remains. Ascoile. Pre-Clearance. (08/02/03).

Grid Reference: 282477 910972. SMR Reference: None.

Feature is: 105m to the W of Existing Access Track.

Feature Appears on OS Map: No.

NE corner of loose, stone rubble wall remains of a possible former building, set 15m to the E of Allt a'Mhuilinn on level ground under the tree cover afforded by the W side of the plantation of **Feature 007** (above). The walls measure 14m x 5m and the long sides trend 012°. The N gable end has a very large boulder as its NE cornerstone, and the walls are composed of a 1m wide spread of cobbles, with occasional larger boulders, all surviving to a maximum height of 0.2m.

The remains have been greatly disturbed by the planting and subsequent growth of the mature pine trees, making the spread walls very irregular in their present form.

Feature 025. Platform. Ascoile. Pre-/Post-Clearance? (08/02/03).

Grid Reference: 282455 910958. SMR Reference: None.

Feature is: 125m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Set on the 1st terrace raised 2m above and 3m to the E of Allt a'Mhuilinn, a 4m long, grass-covered level platform extends out from the bank for 3m towards the river. On the vertical face of the platform, facing W towards the river, there is no support other than earth, dropping down to river bank level. On the N side of the platform, a grass-covered 1.5m wide, 357°-trending track ramps down for 7m to the level of the river bank, and to its S side, another track trends 210° to access the same level. It is unsure what purpose this feature served.

Feature 026. Loading Bay Area. Ascoile. Mid 20th C. (18/01/03).

Grid Reference: 282565 911035. SMR Reference: None.

Feature is: Adjoining the NW side of Existing Access Track.

Feature Appears on OS Map: Current Landline.

S end of 2.6m long loading bay wall, standing 1.1m high, orientated 023° and facing E onto large levelled, sub-rectangular platform area, large enough for large vehicles to enter into from the existing access track of **Feature 001** (above) to the E, and turn. It was constructed in the 1950s for timber extraction from the Gordonbush Estate (R Rowantree, Head Keeper, Gordonbush Estate, pers. comm.). The bay wall itself is constructed from railway sleepers laid horizontally on their sides and retained to the E by three vertical wooden posts and spoil at its rear to the W.

The whole area, extending to approximately 1000sqm, is surrounded by a 1m high x 2-3m wide, grass-covered spoil bank of peat and stone, which has been pushed outwards from the levelled interior area. It is wider and higher on the S side, due to the nature of the S-sloping topography, and the uphill, N side acts as a bank to a 0.5m deep ditch trending W from **Feature 028** (below) containing westwards-flowing water. The N side of the ditch is further defined by an intermittent, linear arrangement of large single boulders. The loading bay area banking is sinuous and its S and W side corners are rounded, and it opens onto the existing access track to the E in a very broad bellmouth. On its N side, the banking is much straighter and changes in orientation are sharper.

Feature 027. Finds – Iron Slag & Pot Sherd. Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282593 911044. SMR Reference: None.

Feature is: 18m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Small piece of iron slag discovered in spoil from a rabbit burrow in S side of N bank of **Feature 026** (above). The piece of slag measures 3cm x 2cm x 2cm and has a smooth, rounded, shiny black exterior, compared with its coarser-textured, vesicle-filled, dark interior, which is exposed on a broken surface. The smooth, outer surface has occurred as a result of rapid cooling upon contact with air, whereas the inner

body of the slag has cooled more slowly, resulting in this rougher texture and the small trapped pockets of air.

A small sherd of white-glazed thin pot, probably dating to the 19th Century, was also discovered in the same rabbit burrow spoil.

Feature 028. Water Tank/Cistern. Ascoile. Mid 20th C. (18/01/03).

Grid Reference: 282596 911041. SMR Reference: None.

Feature is: 12m to the W of Existing Access Track.

Feature Appears on OS Map: No.

SW corner of a concrete-walled water tank, measuring 2.4m x 1.4m and 0.8m high, is set on the N side of the N bank of **Feature 026** (above), with the water filled ditch flowing W from here. The long sides of the tank trend 356° from here and the top is covered with wooden slats. It is possible that this tank still serves the inhabited house at Ascoile to the S.

Feature 029. Water Tank/Cistern. Ascoile. Mid 20th C. (18/01/03).

Grid Reference: 282580 911058. SMR Reference: None.

Feature is: 30m to the W of Existing Access Track.

Feature Appears on OS Map: No.

SW corner of a presumably earlier, smaller water tank than, and set approximately 20m to the W of the water tank of **Feature 028** (above), and is similarly set on the N side of the N bank of **Feature 026** (above). It measures 1m x 2m and has been constructed sunken into the ground, with its now only partial cover of wooden slats placed on top.

Feature 030. Enclosure (angular). Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282593 911079. SMR Reference: None.

Feature is: 12m to the W of Existing Access Track.

Feature Appears on OS Map: No.

N corner of small, trapezium-shaped enclosure defined by low, short-cropped heather and grass-covered peat turf walls, with occasional stone visible protruding through the vegetation cover. It measures 9m from here towards 153° across the contours of the 14°-sloping, grass-covered hillside and its downhill walls trend 227° for 7m at its NW end and for 5m at its SE end. The S and E corners of the enclosure walls are rounded, and the SE sidewall in between is the best-preserved part, the remainder of the walls being intermittent in continuity. The SE sidewall is approximately 0.8m thick and only 0.4m high, however, elsewhere they are lower and less prominent.

Feature 031. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03 & 08/02/03).

Grid Reference: 282514 911097 to 282669 911088. SMR Reference: None.

Feature is: Cut by the Existing Access Track at 282621 911091.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

From the NE corner of the enclosure of **Feature 035** (below), a 1m wide and 0.3m high, grass-covered dyke comprising large boulders, trends towards 070°, obliquely up the moderately S-sloping, grass-covered hill to 282551 911102. It passes within 4m, below and to the S, of the burn-retaining bank of **Feature 044** (below), then, defined by a coarse, single line of upstanding boulders (see **Plate 7**), 0.6m wide and 0.8m high, it takes a broad, gentle, uphill curve around to 282578 911094 at a natural rock outcrop. In this last section, there are a pair of prominent upstanding 'gate post' boulders, with a 2m gap in between, marking a possible entrance to the area within this head dyke feature. The boulder dyke then trends slightly uphill towards 085° to a slight bend at 282599 911095, then trends 108° to 282614 911091, where it is joined by the stone dyke of **Feature 032** (below).

From this junction, this boundary dyke is immediately lost under spoil from the existing access track of **Feature 001** (above), 7m to the E. It re-emerges on the E side of the track, trending 084° as a broad, grass-covered ridge containing occasional large single boulders, to a bend at 282669 911088, where it turns to bear towards 154° as the head dyke for Ascoilebeg below and to the SE.

Feature 032. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03, 08/02/03 & 15/02/03).

Grid Reference: 282614 911091 to 282493 911009. SMR Reference: None.

Feature is: 7m to the W of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

From the boulder dyke of **Feature 031** (above), a linear boundary dyke, defined by a coarse line of occasional large boulders set into a grass-covered ridge, trends 230° downhill towards a sharp corner at 282593 911066. The ridge is 1m wide and 0.4m high as it trends down the steep slope, to the W of the existing access track of **Feature 001** (above), and 3m to the E of the small trapezium-shaped enclosure of **Feature 030** (above). From this corner, the collapsed dyke is a loose spread of large boulders trending NW, below the trapezium-shaped enclosure and parallel to the hillside contours for 12m, before turning sharply downhill at 282584 911073, to trend down the grass-covered 14°-sloping hillside as a single row of large boulders towards 137° for 9m to another sharp corner at 282577 911064.

Its form changes with the terrain, becoming a 0.4m high and 1m wide grass-covered peat bank, trending towards 284° on flatter, marshy, grass-covered ground. Stone boulders are visible occasionally along its length, protruding from the peat interior and the bank has been breached in places. It turns towards 273° at 282558 911070 and follows the contours across boggy, reed-covered ground to 282529 911072, where it curves to the SW, around the base of the steep face of a knoll to its NW, to 282516 911060, above cleared ground below and to the SE. Over this latter section it forms a wavy, low grassy ridge, around 1.5m wide and only 0.3m high, with occasional prominent large boulders.

The mound ridge then runs into the NE corner of the possible corn-drying kiln remains of **Feature 038** (below), although a section splits as a kink for 4m towards 191°, and then towards 225°, to link again to the main dyke to the S of the corn-drying kiln, and then trends from its SE corner towards 203° into the plantation (see **Plate 9**) of **Feature 007** (above). Over this section, it is a wavy, 1m wide, 0.2m high, grass-covered bank, with cobble-sized stones in its composition, and joins the NE corner of the building of **Feature 021** (above) at 282493 911009, under the pine tree cover of the plantation.

Feature 033. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282564 911123 to 282560 911070. SMR Reference: None.

Feature is: 55m to the W of Existing Access Track.

Feature Appears on OS Map: No.

A vague, 1.5m wide and 0.3m high, grass-covered, linear mound trends due S for 6m, from its join with the boundary dyke of **Feature 031** (above) at 282564 911123, where it turns gently down across grassy rough grazing, towards 155° for 12m and turns again downhill towards 183°, to join with the boundary dyke of **Feature 032** (above) at 282560 911070, 2m to the E of its bend.

Feature 034. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03 & 08/02/03).

Grid Reference: 282578 911094 to 282584 911073. SMR Reference: None.

Feature is: 40m to the W of Existing Access Track.

Feature Appears on OS Map: No.

At its junction with the stone boundary of **Feature 031** (above), another boundary is formed by a sporadic line of boulders and natural outcrops, trending 170° obliquely across the moderately S-sloping grass-covered hillside, to join the sharp corner of the linear boundary dyke of **Feature 032** (above) at 282584 911073. It is approximately 0.5m wide and 0.3m high and is mainly overgrown by grass, and is greatly less substantial than either of the dykes it connects.

Feature 035. Enclosure. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282511 911093. SMR Reference: None.

Feature is: 95m to the W of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

NW corner of sub-rounded enclosure/sheepfold in a very good state of preservation (see **Plate 8**), set on a level shoulder area below a knoll to the N and a steep slope to the S. The prominent enclosure walls, comprising large boulders and turf, now mainly covered in grass, are 1.5m wide and 0.7m high, and enclose a grassy interior which is 18m across at its broadest point.

From this location a line of large boulders, largely covered in heather, trends 326° to link with the bank (of **Feature 044** below) which retains a small burn curving around the S face of the knoll.

Feature 036. Hilltrack (disused). Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282499 911122. SMR Reference: None.

Feature is: 120m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Indefinite upper end of 1.5m wide, old, grass-covered track, trending obliquely SE down across the contours, around the SW side of a heather and whin-covered knoll. Its uphill edge is cut into the knoll, exposing natural moraine and its lower edge is slightly banked up. It leads down to the enclosure of **Feature 035** (above), across a small burn where medium-sized boulders appear to have been deliberately placed to act as a ford crossing point.

Feature 037. Hut Oval (possible). Ascoile. Pre-Historic? (18/01/03).

Grid Reference: 282504 911080. SMR Reference: None.

Feature is: 110m to the W of Existing Access Track.

Feature Appears on OS Map: No.

Centre of possible hut 'oval' (or other structure) with sunken interior and broad, low, heather-covered walls, set on the S edge of a knoll with a steep S side. The internal measurements are 6m x 4m, with the long axis trending 002° and the walls, enhanced by the low heather growth, are spread to 2m wide, but are only 0.2m high, with occasional cobbles protruding through the vegetation cover. A possible entrance opens to the E on the NE side.

Feature 038. Corn-Drying Kiln Remains (possible). Ascoile. Pre-Clearance. (18/01/03 & 15/02/03).

Grid Reference: 282504 911052. SMR Reference: None.

Feature is: 100m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

Centre of 2m internal diameter, grass-covered bowl of a possible corn-drying kiln (see **Plate 9**), set at the base of a knoll and to the immediate W of the boundary of **Feature 032** (above). The kiln is slightly conjectural, due to the lack of stone visible, however the setting is correct for this kind of feature, with its upper, bowl end embedded into the slope. The structure is 3.5m wide and 6m long, and the bowl is 0.5m deep. Two boulders are visible in the dividing grass-covered 'wall' between the bowl and the lower end of the flue. The lower, rectangular end has low, grass-covered mound walls, spread to 1m wide, and the long sides of the structure trend 001°.

Feature 039. Finds – Iron Slag & Charcoal. Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282502 911035. SMR Reference: None.

Feature is: 90m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

Several pieces of iron slag and charcoal were discovered in molehills in this slightly hummocky grass-covered area enclosed by grass-covered mound walls of **Features 032** (above) and **040** (below). Some of

these fragments of slag are of the shiny, dense variety (including the largest piece from this locality measuring 4cm x 3cm x 2cm) and some of the amorphous, lighter type.

Feature 040. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282510 911052 to 282498 911014. SMR Reference: None.
Feature is: 85m to the NW of Existing Access Track.
Feature Appears on OS Map: No.

1m wide, wavy, grass-covered, 0.2m high bank, with cobbles protruding from the grass, trends 289° from the boundary dyke of Feature 032 (above), across the base of the steep S face of a knoll to the N. There are three 0.5m x 0.5m sized pits cut 0.3m deep into this bank, before it turns sharply S at 282495 911049, where it becomes a linear mound containing cobbles, trending 186° across open, gently undulating ground into the plantation of Feature 007 (above). 3m from this corner, on the S-trending linear mound, there is a 2m wide gap, allowing a former W-E-trending track to pass through. 2m inside the plantation, the mound, now a low spread of cobbles on bare earth under the tree cover, turns at right angles to the W and joins with the NE corner of Feature 021 (above).

Feature 041. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282494 911043 to 282474 911058. SMR Reference: None.
Feature is: 100m to the NW of Existing Access Track.
Feature Appears on OS Map: No.

A broad, 3m wide and 0.8m high, moss and grass-covered, linear mound trends 282° towards the E bank of the Allt a'Mhuilinn, from 1m S of the gap in the linear mound of Feature 040 (above).

Feature 042. Platform. Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282494 911050. SMR Reference: None.
Feature is: 100m to the NW of Existing Access Track.
Feature Appears on OS Map: No.

Centre of grass-covered, 8m x 6m, stony mound, raised approximately 0.6m above the surrounding grass-covered area. Its upper surface is very irregular and uneven, and much stone is felt underneath the grass, indicating that it forms the construction of the whole structure. It is tucked into the corner formed by the grass-covered linear boundary mounds of Features 041 and 042 (above), and its original purpose is not clear.

Feature 043. Enclosure/Building Remains? Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282474 911058. SMR Reference: None.
Feature is: 130m to the NW of Existing Access Track.
Feature Appears on OS Map: No.

NW corner of small, rectangular enclosure or building, with its N side forming part of the linear, grass-covered stone mound of Feature 041 (above). Set on the level, grass and reed-covered, E bank terrace of Allt a'Mhuilinn, it measures 5m x 3m, and the grass-covered, stone walls are quite vague, being only 0.5m wide and 0.2m high. The longsides trend 105° from here, and the irregular nature of the walls may indicate that this is an enclosure, or it could be a tumbled shed/store.

Feature 044. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03).
Grid Reference: 282565 911133 to 282455 911172. SMR Reference: None.
Feature is: 60m to the W of Existing Access Track.
Feature Appears on OS Map: No.

A dyke constructed of stone and peat, mainly covered in grass, retains a W-flowing burn on its uphill side. It has been deliberately constructed to capture a water source for the possible metal-smelting operations of

Feature 046 (below). The dyke begins very subtly as a 0.5m wide and 0.2m high structure, lining the S side of a small tributary to the main burn, where it collects from moderately S-sloping grass-covered hillside.

The small dyke trends 267° to 282554 911132, where it turns sharply S to bear 207° to 282548 911118, from where it becomes gradually more substantial as it begins to curve to the W, around the SE side and then S face of a knoll. It passes tangentially within 5m of the N side of the enclosure of **Feature 035** above (see **Plate 8**), and then trends 290° down the steep valley-side towards Allt a'Mhuilinn, stopping 1m short of the NE corner of the hydro-electric power generating station of **Feature 052** (below), on its E bank. The dyke at this lower end comprises large boulders, adding to its width of up to 1.5m wide and 0.8m high.

Feature 045. Dam. Ascoile. Mid 20th C. (18/01/03).

Grid Reference: 282548 911118. SMR Reference: None.

Feature is: 70m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

Small concrete dam, with a central cut-out to allow overflow, constructed across the burn retained by the dyke of **Feature 044** (above). The dam is 1m wide and has an arm extending 0.5m upstream on its E bank, and also has an outfall into an adjacent galvanised water tank, which possibly drains to the cisterns of **Features 028** and **029** (above).

Feature 046. Platform (?bloomery mound). Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282472 911100. SMR Reference: None.

Feature is: 140m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

Located on the narrow, level area forming the lowest terrace on the E bank of the fast-flowing Allt a'Mhuilinn, is a 3m wide, 8m long and <1m high, roughly rectangular, moss and grass-covered platform area (see **Plate 10**), with its long-sides parallel with the retaining bank and diverted burn of **Feature 044** (above). The later hydro-electric generating station of **Feature 052** (below), immediately to the W, appears to have been cut into its W side. Evidence of the finds of **Feature 047** (below), indicate that this may be a bloomery mound.

Feature 047. Finds – Iron Slag. Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282472 911100. SMR Reference: None.

Feature is: 140m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

A dark, peaty, earthen scrape, in the S side of the platform area of **Feature 046** (above), reveals many large pieces of iron slag in various forms and shapes (see **Plate 10**). This rich finds-site, together with the associated evidence of the diverted burn of **Feature 044** (above), immediately to the N, may indicate that this platform area was a bloomery mound and an important, former iron smelting location.

Many of the slag pieces, the largest discovered being 780g in weight and the size of a half-brick, exhibit the smooth, dark grey/black, shiny, outer surfaces, which chilled quickly on contact with air, and vesicle-filled, coarser-textured, inner surfaces which cooled more slowly. Some of the outer surfaces of the pieces have a wrinkled appearance, indicating that they were flowing up to the time that they solidified, and one piece found is funnel-shaped, possibly indicating that the molten metal was being poured into a container or a mould. The undersides of some these pieces can be determined by their very irregular, rough, pitted texture, which have been in contact with the ground and which, occasionally, have imprints of small fragments of wood and other vegetation/debris cast onto on the opposite side to the shiny, smooth, upper, air-exposed surface.

Feature 048. Hollows. Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282478 911096. SMR Reference: None.

Feature is: 130m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

Immediately adjacent to the platform of **Feature 046** (above) to its SE, there is a side-by-side pair and a stand-alone linear, grass-covered hollow, excavated into the steeply rising valley-side of Allt a'Mhuilinn (see **Plate 11**). Due to their situation, they have steep, north-eastern back walls and open, south-western front faces, and measure approximately 8m x 2m, and the joined pair has a 2m thick dividing bank. The most northerly of the pair trends 084° up the steep slope, its southern counterpart trends 056° up the same slope, and the lone hollow, 6m to the S, trends 062° up the slope.

It is not recognised what these features represent; maybe excavated areas for furnaces, or storage areas for charcoal fuel, with the supposition that they are connected with the smelting operations of the vicinity.

Feature 049. Embankment. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282467 911095. SMR Reference: None.

Feature is: 140m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

NW corner of a 4m line of large boulders, trending 151° from this location, defines the SW edge of an embankment of an old track across the channel of **Feature 050** (below). This track links with the gaps to the SE in the walls of **Features 040** (above) and **051** (below), and it formerly crossed Allt a'Mhuilinn on a now disappeared bridge to the NW, immediately S of the hydro-electric power generating station of **Feature 052** (below).

Feature 050. Channel (possible Quay). Ascoile. Pre-Clearance? (18/01/03).

Grid Reference: 282467 911095. SMR Reference: None.

Feature is: 140m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

The NW corner of a 4m line of large boulders, trending 151° from here, defines the truncated upper limit of a 4m wide channel trending 226°, cut into a section of the lowest terrace on the E bank of Allt a'Mhuilinn (see **Plate 10**). The channel is 6m long from the later embankment boulder wall of **Feature 049** (above) and drops SW to a depth of 2m below the terrace level to the river. The boggy, lowest levels of the channel are reed-filled and the side slopes are grass-covered, and its use is quite conjectural.

It may be that it is a 'quay' on the bank of the Allt a'Mhuilinn, which flows relatively gently across fairly level ground from here into the River Brora, just above the head of Loch Brora, allowing communications with Brora Harbour and the open sea beyond. If, as is suggested, it is associated with the bloomery site of **Feature 046** (above), it could be the departure point for the export of the smelted metal, and/or the arrival site of imported ore. It is likely that the vast quantity of fuel needed to supply the smelting operations was the main determining factor in the location of the site, and it may be that the ore/raw material had to be imported and this was its unloading point. This is all fairly speculative, however, and more detailed investigation is needed to determine all of the related features of this complex area.

Feature 051. Linear Boundary Dyke. Ascoile. Pre-Clearance. (18/01/03).

Grid Reference: 282471 911089 to 282486 911044. SMR Reference: None.

Feature is: 110m to the NW of Existing Access Track.

Feature Appears on OS Map: No.

From the SE corner of the wall at the head of the channel of **Feature 050** (above), there is a 2m gap to the NE before the beginning of a 1m high and 2m wide, grass-covered, stone bank, and this feature curves around within a 5m arc, to trend 137°, slightly up and across the steep slope at the base of a knoll to the NE to 282487 911077. At this location, it turns to trend towards 173°, becoming less prominent at 0.3m high and 1m wide, around the base of the knoll to 282490 911061, when the bank changes direction to trend

210° across level, grass-covered ground, to join the W-E trending linear mound of **Feature 041** (above), at 282486 911044, 8m to the W of its E termination. 1m to the N of the termination of this feature, there is a 2m wide gap, similar to that of **Feature 040** (above), 8m to the E, being the site of a former track, passing through these two features.

Feature 052. Hydro-Electric Power-Generating Station. Ascoile. Early 20th C. (18/01/03).

Grid Reference: 282454 911117. SMR Reference: None.

Feature is: 165m to the W of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and subsequent revisions.

E corner of rectangular, brick-built, former hydro-electric power-generating station on the E bank of Allt a'Mhailinn (see **Plate 10**), which supplied electricity to part of the Gordonbush Estate between the 1920s and 1950s (R Rowantree, pers. com.). It measures 7.1m along the NE long side, which trends 296° from here, and 5.0m along the perpendicular, shorter SE side. The walls stand 3.5m high and are capped by an intact, apexed slate roof.

Along the SW side of the building from the S corner, there is a single door, a window, a double-door and another window. The wooden doors are 0.9m and 1.3m wide respectively, and the windows are 0.9m wide and 1.1m high, and 0.9m above ground level. They comprise a 3x3 arrangement of individual panes, the top row acting as an inward-opening transom window, and each has concrete sills below, and lintels above. A single, centrally placed window on the SE side is 0.6m above ground level and is 1.3m wide, comprising 3 horizontal rows of 4 panes each, with the top row being an inward-opening transom window. The 2nd pane from the right on the middle row is missing. A single window, of similar design to those on the front elevation, is found on the NE side, 2.3m along from the E corner.

A single, centrally placed skylight exists in the SW-facing side of the roof and there are cast-iron roans and roan pipes and wooden eaves. The power-generating engine gear is still visible inside.

The NW end of the building is built out into the Allt a'Mhailinn and is supported by concrete walls from river level, into which a door has been made, indicating that there may be a lower level to this building.

Allt a'Mhuilinn

Feature 053. Borrow Pit. Allt a'Mhuilinn. Late 19th C? (25/01/03).

Grid Reference: 282600 911036. SMR Reference: None.

Feature is: 5m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of a small borrow pit, located in a cleft of glacial moraine between the existing access track, 5m to its W, and the former track to the E. The borrow pit, measuring 10m across and 5m deep with a 3m high backwall, is now partly filled with rubble and boulders, and has a lip of grass-covered boulders at its access, cutting it off from the 'new' track.

Feature 054. Borrow Pit. Allt a'Mhuilinn. Mid 20th C? (25/01/03).

Grid Reference: 282630 911059. SMR Reference: None.

Feature is: Adjoining the Existing Access Track.

Feature Appears on OS Map: No.

Centre of a level, 20m diameter, grass-covered borrow pit (see **Plate 13**) with a 1-2m high backwall, accessed from the E side of the existing access track, and cut at a higher level into the same moraine as the borrow pit of **Feature 053** (above). The fill has probably been used in the construction of the existing track. Some railway sleepers and old building material, including an old fireplace surround, have been dumped at the N interior.

Feature 055. Borrow Pit. Allt a'Mhuilinn. Late 19th C? (25/01/03).

Grid Reference: 282647 911095. SMR Reference: None.

Feature is: 20m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of a small, 5m diameter E-facing borrow pit with a 3m high backwall, 6m to the W of the old track, cut into a moraine ridge trending N-S, parallel to the hillside slope, on the W side of which, the existing access track passes.

Feature 056. Borrow Pit. Allt a'Mhuilinn. Late 19th C? (25/01/03).

Grid Reference: 282650 911118. SMR Reference: None.

Feature is: 20m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of another small, 4m diameter, E-facing borrow pit with a 3m high backwall, opening onto the old track, 30m uphill from **Feature 055** (above). It has been cut into the same N-S-trending moraine ridge, parallel to the hillside slope, on the W side of which, the existing access track passes.

Feature 057. Linear Boundary Dyke. Allt a'Mhuilinn. Pre-Clearance. (25/01/03).

Grid Reference: 282632 911126 to 282641 911131. SMR Reference: None.

Feature is: 1m to the E of Existing Access Track.

Feature Appears on OS Map: No.

At the E edge of the existing access track, a 10m line of 16 large boulders, up to 0.5m wide and 0.5m high, trends obliquely over the rough bracken and grass-covered, W slope of a moraine ridge (see **Plate 14**). The upper 3m gently curves to the E. To the W of the track is a grassy boulder field, with no evidence of the continuation of this boulder dyke.

Feature 058. Hut Circle. Allt a'Mhuilinn. Pre-Historic. (25/01/03).

Grid Reference: 282767 911274. SMR Reference: NC81SW0020 (part of).

Feature is: 110m to the E of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Centre of 10m x 9m internal dimensioned hut circle, with the long axis trending 023° , set on a shoulder on a 15° SW-sloping, rough grass and heather-covered hillside. The interior and walls are thickly covered with bracken, but there is also grass, heather and reeds. The walls comprise large, rounded boulders around almost the entire circumference, as well as peat turf, and are 2m thick and 0.6m high. The walls on the W side, however, are spread to 3m, where they are built up to 1m high externally, to provide a level interior. There is well-preserved stone kerbing on the interior of the SW wall, and a possible entrance opens to 197° .

Feature 059. Hut Circle. Allt a'Mhuilinn. Pre-Historic. (25/01/03).

Grid Reference: 282855 911355. SMR Reference: NC81SW0020 (part of).

Feature is: 160m to the E of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Centre of slightly larger (10m internal diameter) and possibly earlier hut circle, set on a 13° WSW-sloping hillside, covered in grass below the structure and heather above it. It appears very different in design and construction to the adjacent downhill hut circle of **Feature 058** (above) and is situated on ground which is currently much better drained. It also has the appearance of being older, as it has little stone visible in its construction and has been eroded to a much greater extent.

This hut circle has broad and low, short grass, moss and heather-covered walls, with only occasional stone exposed protruding through the vegetation cover. The walls are spread to 2m wide and only 0.4m high, although the downhill, SW side has been banked up over a distance of 7m to provide a level interior and it is up to 1m high externally, and commensurately, the uphill side has been excavated into the hillside to 0.5m lower than the surrounding surface level. The interior slopes 7° towards the prominent 1.5m wide entrance opening to 158° .

(N.B. A smaller, third hut circle in this group, marked on the current OS Landline map was not found, at this location).

Feature 060. Hut Circle (possible). Allt a'Mhuilinn. Pre-Historic. (27/01/03).

Grid Reference: 282721 911405. SMR Reference: None.

Feature is: 10m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of N-opening semi-circular structure, which could be the remains of a hut circle, set on a prominent N-S-trending ridge of glacial moraine, between the existing access track 10m to the W and the old track to the E. The walls are generally 2m thick, but are spread to 3m on its built up, SW side, are up to 0.8m high internally and 1.5m high externally, and there is stone visible in its construction. The central area is covered with grass and bracken and the walls have a thick bracken covering. The open, N side faces onto a loose, cobble-covered surface, sloping moderately W above the small borrow pit of **Feature 061** (below) on the E side of the new track.

It is possible that the 'walls' of this structure have been created as spoil mounds during the construction of either of the tracks.

Feature 061. Borrow Pit. Allt a'Mhuilinn. Mid 20th C? (27/01/03).

Grid Reference: 282719 911416. SMR Reference: None.

Feature is: Adjoins the Existing Access Track.

Feature Appears on OS Map: No.

Centre of square, 7m x 7m, borrow pit, cut into the E edge of the existing access track. The side and back walls are 1m high and the whole length of the borrow pit is open to the track.

Feature 062. Hilltrack (disused). Allt a'Mhuilinn. Late 19th/Mid 20th C? (27/01/03).

Grid Reference: 282896 911423. SMR Reference: None.

Feature is: 175m to the E of Existing Access Track.

Feature Appears on OS Map: Possibly, on 1:10560 1st Edition (1871).

Old hill-track, 4m wide, cut 0.2m deep into its uphill, E side, on a moderate, SW-sloping, heather and grass-covered hillside. It trends 190° from here down and across the slope and continues uphill towards 010°. This feature could be the one marked on the 1st Edition OS map as an access track leading to the grouse butts of Features 088 to 096 (below), although it is 50m away from its map location. Alternatively, however, it may have been formed in the 1950s, during the construction the adjacent electricity pylon line 25m uphill, with which it is parallel.

Feature 063. Borrow Pit. Allt a'Mhuilinn. Late 19th C. (27/01/03).

Grid Reference: 282763 911455. SMR Reference: None.

Feature is: 35m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of 20m long and 10m deep borrow pit on the E side of the old track, opening onto the track for its entire length. It is 2m high at its E backwall and is cut into a W-sloping hillside, and within the interior, there is a later deposit of heather-covered spoil material.

Feature 064. Clearance Cairn. Allt a'Mhuilinn. Pre-Clearance? (27/01/03).

Grid Reference: 282745 911466. SMR Reference: None.

Feature is: 30m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of 2m diameter, ground level clearance cairn, comprising large boulders and small cobbles, all surrounded by heather. There are no traces of nearby habitation, so there may be some conjecture as to its origin and purpose. It is 30m to the E of the existing access track and 20m to the W of the old track and not apparently associated with either.

Feature 065. Borrow Pit. Allt a'Mhuilinn. Mid 20th C? (27/01/03).

Grid Reference: 282745 911487. SMR Reference: None.

Feature is: Adjoining the Existing Access Track.

Feature Appears on OS Map: No.

Centre of 20m diameter borrow pit cut into the E side of the existing access track, at the lower end of a moraine platform holding the chambered cairn of Feature 066 (below). It is 4m high at its vertically cut, uphill, N side and extends 30m back towards the E from the track.

Feature 066. Chambered Cairn. Allt a'Mhuilinn. Pre-Historic. (27/01/03).

Grid Reference: 282769 911532. SMR Reference: NC81SW0019.

Feature is: 15m to the SE of Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

Centre of a curving walled recess, the only remaining structural element to this chambered cairn which is deeply overgrown with bracken and heather (see Plate 15). The feature has been subjected to much human interference, probably during the two phases of track construction. It is set on a wide, level shoulder trending N-S on the W-sloping valley-side, and has, since the construction of the two tracks, been left as an island in between.

The built remains form a W-opening, E half of a 3m diameter, semi-circular stone wall, dug below ground level and is 1m deep, and is now 1m to the W of the old, disused track (of Feature 018 above). There is a jumble of large boulders on its NW and SW sides, at the ends of the semi-circular wall. A 1m high and 3m diameter, bracken-covered cairn is located 13m to the SW of the wall, another is 7m to the W and another is 12m to the NW. These may be recent piles of boulders, put together during track construction, or even during early archaeological investigations into the cairn itself. Further spread jumbles of boulders and cobbles cover the ground surface to the W, apparently making little sense. What appear to be 'recent' small pits, have also been dug into the area covered by the extent of the chambered cairn.

(N.B. A hut circle marked on the current OS Landline map was not found, although could possibly form part of the boulder jumble at this location).

Feature 067. Clearance Cairn (possible). Allt a'Mhuilinn. Pre-Historic? (27/01/03).

Grid Reference: 282788 911536. SMR Reference: None.

Feature is: 35m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

Centre of bracken-covered mound, set on 10° W-sloping bracken, heather and grass-covered hillside. It is 0.5m high on its E, uphill side and 1.0m high on its opposite, downhill side, and is 4m in diameter. No stone is visible in its construction, so it may be a natural, glacial feature. Its proximity to the chambered cairn site of Feature 066 (above) 20m to its W, warrants its inclusion as a possible cairn.

Feature 068. Clearance Cairn (possible). Allt a'Mhuilinn. Pre-Historic? (27/01/03).

Grid Reference: 282789 911556. SMR Reference: None.

Feature is: 40m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Centre of short heather-covered mound, 20m to the N of and larger than that of Feature 067 (above), set on 10° W-sloping bracken, heather and grass-covered hillside, located 6m to the S of a post and wire fence and 40m to the E of the existing access track. It is 0.8m high on its E, uphill side and 1.5m high on its opposite, downhill side, and is 5m in diameter. Several cobbles and boulders protrude through the peat and heather on the mound, but it could well be a natural, glacial feature. Its proximity to the chambered cairn site of Feature 066 (above) 25m to its SW, warrants its inclusion as a possible cairn.

Feature 069. Pipeline. Allt a'Mhuilinn. Early 20th C. (18/01/03).

Grid Reference: 282449 911120 to 283157 912409. SMR Reference: None.

Feature is: 8m to the W of Existing Access Track at 282772 911696.

Feature Appears on OS Map: No.

A 300mm diameter pipeline, formerly carrying water from the dam upstream across Allt a'Mhuilinn, to the old hydro-electric power-generating station of Feature 052 (above). In places along its length it is broken or missing altogether, and in others it is buried underground or lies on the surface, or even raised above ground level on concrete stilts (see Plate 16). In many places it has been corroded so greatly that there are large holes in it. It is supported along its length at regular intervals and changes in direction by concrete blocks measuring 1.9m long (parallel to the pipe) x 0.8m wide and 0.8m deep. It meanders from the dam to

the generating station, gently down, slightly across the contours on the moderate NW-sloping valley-side of Allt a'Mhuilinn, changing its direction gently at some of the concrete housing blocks.

At 282772 911696 the pipeline is contained in a concrete block, set 5m to the E of the steep valley-side of Allt a'Mhuilinn and tangentially 8m to the W of the existing access track of **Feature 001** (above).

Feature 070. Clearance Cairns. Allt a'Mhuilinn. Pre-Historic. (17/11/02).

Grid Reference: 283263 911469. SMR Reference: NC81SW0020 (part of).

Feature is: >250m to the E of the Existing Access Track.

Feature Appears on OS Map: No.

Field of clearance cairns set on moderately W-sloping, heather-covered hillside of Cnoc a'Ghrianain.

Feature 071. Borrow Pit. Allt a'Mhuilinn. Late 19th C? (25/01/03).

Grid Reference: 282891 911841. SMR Reference: None.

Feature is: Adjoining the Existing Access Track.

Feature Appears on OS Map: No.

Centre of 20m diameter borrow pit and up to 2m deep, on the E edge of the existing access track, cut into a low moraine mound on the W edge of the upland plateau. It is now filled with several loads of gravely rubble which have been deposited here.

Feature 072. Peat Cuttings. Allt a'Mhuilinn. Pre-Clearance. (25/01/03).

Grid Reference: 283109 912221. SMR Reference: None.

Feature is: 2m to the E of Existing Access Track.

Feature Appears on OS Map: No.

S corner of old peat cuttings cut into a short heather-covered, gently undulating, moorland plateau. The W corner of these cuttings is 6m to the SE of the existing access track (see **Plate 17**) and the cuttings drain to the NW corner to join the ditch on the SE side of the track. The SW side of the cuttings trend 322^o for 12m from here and the NE side for 33m towards 040^o.

Feature 073. Bridge. Allt a'Mhuilinn. Early 20th C? (25/01/03).

Grid Reference: 283156 912278. SMR Reference: None.

Feature is: 1m to the W of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Stone façade to downstream headwall of a small culvert, crossing underneath the existing access track (see **Plate 18**). The height of the façade is 2m, and it is 5m wide at its top at track level, tapering down to 1m wide at burn level. The rectangular opening for the burn is 0.5m wide and 0.6m high and the diameter of the culvert pipe, visible 1.5m up from the headwall, is 0.3m.

Feature 074. Hut Circle (possible). Allt a'Mhuilinn. Pre-Historic. (25/01/03).

Grid Reference: 283196 912138. SMR Reference: None.

Feature is: 3m to the W of the Existing Access Track.

Feature Appears on OS Map: Current Landline.

Centre of enigmatic, large hut circle, set on the edge of a short heather-covered plateau area at the foot of gently, W-sloping moorland hillside. The structure is raised above the existing access track, which is 3m to the W of its W wall. It measures 13m x 11m internally, with its long axis trending 013^o, and has a 3.5m wide entrance opening to 193^o flanked by low, parallel mound walls acting as lead-ins, extending from the main hut circle wall for 4m. All of the wall remains are very low, being no more than 0.3m high, and are spread to 2m wide. The location of the possible structure would be appropriate for the position of a hut circle, but there is no evidence for cultivation in its proximity.

Allt a'Mhuilinn - Lower Breac-achadh

Feature 075. Peat Cuttings. Cnoc a'Ghrianain. Pre-Clearance. (25/01/03).

Grid Reference: 283485 912326. SMR Reference: None.

Feature is: Cut by the Proposed Access Track from 283556 912320 to 283641 912267.

Feature Appears on OS Map: No.

NW corner of old peat cuttings cut into a short heather and grass-covered, 6° W-sloping, flat moorland hillside. From here, the N edge of the cuttings trend 096° uphill towards 283569 912320, with a few right-angled northerly steps, then turns N for 2m and W for 13m, enclosing a 2m wide baulk strip, before bearing N for 12m, E for 16m, S for 8m and finally E to the rounded NE corner at 283698 912311. From here, the E, uphill edge trends contour-parallel to the SE corner at 283687 912256, turning downhill for over 100m, with a couple of southerly right-angled steps, to the SW corner, which is 24m on a bearing 188° from the NW corner.

Feature 076. Peat Cuttings. Cnoc a'Ghrianain. 19th/20th C? (25/01/03).

Grid Reference: 283455 912173. SMR Reference: None.

Feature is: 175m to the SW of the Proposed Access Track.

Feature Appears on OS Map: No.

S corner of relatively modern peat cuttings. The edges are very straight and vertical, and, although they appear to be more recent than those to the NE described in **Features 075** (above), and **077** to **080** (below), the exposed peat sides have a good growth of lichen covering them, indicating that they were not exposed too recently. The SW side of the cuttings trend from here towards 300° and strip is 4m wide.

Feature 077. Peat Cuttings. Cnoc a'Ghrianain. Pre-Clearance. (25/01/03).

Grid Reference: 283603 912338. SMR Reference: None.

Feature is: 25m to the NE of the Proposed Access Track.

Feature Appears on OS Map: No.

SE corner of area of self-contained old peat cuttings, cut into short heather and grass-covered, 6° W-sloping, flat moorland hillside. From here, the E, uphill edge of the cuttings trend 002° for 17m, to meet the N edge which trends downhill for 21m, before taking a northerly, 12m right-angled step and then continues downhill for a further 25m, cutting S again for 4m and turning W for 9m. From here, it trends S along the downhill, W edge to the SW corner, from where it trends uphill 091° for 34m, stepping at right-angles to the S for 12m, to continue uphill to the original SE corner.

Feature 078. Peat Cuttings. Cnoc a'Ghrianain. Pre-Clearance. (25/01/03).

Grid Reference: 283708 912387. SMR Reference: None.

Feature is: 60m to the NE of the Proposed Access Track.

Feature Appears on OS Map: No.

E corner of self-contained old peat cuttings, cut into a short heather and grass-covered, 6° WNW-sloping, flat moorland hillside. The NE edge of the cuttings trends 304° for 9m, before turning at right-angles to trend 216° parallel to the hillside contours for 75m to the W corner. The SE edge trends 216° for 67m where it turns towards the W to link with the acute-angled W corner.

Feature 079. Peat Cuttings. Cnoc a'Ghrianain. Pre-Clearance. (25/01/03).

Grid Reference: 283723 912295. SMR Reference: None.

Feature is: Cut by the Proposed Access Track from 283676 912245 to 283684 912238.

Feature Appears on OS Map: No.

N corner of self-contained old peat cuttings, cut into a short heather and grass-covered, 6° W-sloping, flat moorland hillside. The NW edge of the cuttings trends 230° to 283668 912238, where it turns at right-

angles towards the SE for 10m, before turning again at right-angles at its S corner, to trend parallel to the NW side to the E corner, which is 10m from the original NW corner on a bearing of 110°.

Attached to the E corner is a further rectangular area of old peat cuttings, trending 110° obliquely uphill for 60m, and extending for 10m out from the NE side.

Feature 080. Peat Cuttings. Cnoc a'Ghrianain. Pre-Clearance. (25/01/03).

Grid Reference: 283652 912225. SMR Reference: None.

Feature is: 20m to the SW of the Proposed Access Track.

Feature Appears on OS Map: No.

W corner of rectangular area of old peat cuttings, cut into a short heather and grass-covered, 6° W-sloping, flat moorland hillside. The NW side trends 050° on the same SW-NE alignment as the NW side of **Feature 079** (above), stopping at its N corner, 9m short of the above cuttings, where it turns at right-angles for 5m to 140°. 10m to the SW of the W corner is a small, sinuous, NW-flowing burn emanating from the level area of boggy moorland in the flat saddle between the Allt a'Mhuilinn and Allt Smeòrail valleys.

Feature 081. Drainage Grip. Cnoc a'Ghrianain. Mid 20th C. (25/01/03).

Grid Reference: 283735 912171. SMR Reference: None.

Feature is: Cut by the Proposed Access Track at 283752 912167.

Feature Appears on OS Map: No.

One of several straight, deep and narrow, machine-cut drainage trenches, which were cut into the peat bog in the 1960s, in an attempt to drain these permanently wet areas to improve the ground. This one, similar to others dissecting this saturated marshy, area of peat bog, is 0.4m wide and up to 1m deep, exposing many stumps and roots of old pine trees buried deep in the peat. Some of the grips contain fast flowing water (such as this example) and some contain standing water, which does not appear to drain to anywhere.

This primary grip feeds the sinuous burn, adjacent to **Feature 080** (above) to its W, and trends 110° for around 200m across this level area of boggy moorland in the flat saddle between the Allt a'Mhuilinn and Allt Smeòrail valleys. It acts as the main feeder, being joined by secondary 'tributary' grips to the E, such as **Feature 082** (below).

Feature 082. Drainage Grip. Cnoc a'Ghrianain. Mid 20th C. (25/01/03).

Grid Reference: 283782 912121. SMR Reference: None.

Feature is: Cut by the Proposed Access Track at 283782 912135.

Feature Appears on OS Map: No.

This 0.4m wide, secondary grip trends 004° across this level area of boggy moorland, to feed the main grip of **Feature 081** (above), 40m to the N.

Feature 083. Drainage Grip. Cnoc a'Ghrianain. Mid 20th C. (25/01/03).

Grid Reference: 283829 912081. SMR Reference: None.

Feature is: Cut by the Proposed Access Track at 283832 912088.

Feature Appears on OS Map: No.

This 0.4m wide, secondary grip trends 359° across this level area of boggy moorland, to feed the main grip of **Feature 081** (above), 80m to the N. This grip, at this location, however, is choked with standing water, being in the wettest part of the boggy area. From here, the grip curves gently towards the SE across the extensive boggy area.

Feature 084. Drainage Grip. Cnoc a'Ghrianain. Mid 20th C. (25/01/03).

Grid Reference: 283860 912049. SMR Reference: None.

Feature is: 4m to the SW of the Proposed Access Track at 283860 912049.

Feature Appears on OS Map: No.

NW beginning of a 0.4m wide primary grip, trending 145^o from here across this level area of boggy moorland towards the Allt Smeòrail valley, i.e. this grip is on the E side of the watershed between this valley and the Allt a'Mhuilinn valley to the W. This grip, choked with standing water, being in the wettest part of the boggy area, has its excavated spoil lining its NE side.

Feature 085. Cairn (possible). Allt a'Bhreac-achaidh. 19th/20th C? (17/11/02 & 25/01/03).

Grid Reference: 283913 912022. SMR Reference: None.

Feature is: 13m to the NE of the Proposed Access Track.

Feature Appears on OS Map: No.

Small moss and heather-covered, 1m diameter 'lump', which could be an overgrown cairn, raised 0.25m above the level of its surrounding short heather-covered knoll. Some scattering of natural rock outcrop occurs on the slope down towards the bog to the SW.

Feature 086. Cairn (possible). Allt a'Bhreac-achaidh. 19th/20th C? (17/11/02).

Grid Reference: 283947 912128. SMR Reference: None.

Feature is: 110m to the NE of the Proposed Access Track.

Feature Appears on OS Map: No.

2.5m diameter moss and heather-covered 'lump', which could be an overgrown cairn, raised 0.4m above the level of its prominent surrounding short heather-covered knoll. A single boulder protrudes from the vegetation cover.

Feature 087. Structure - unknown. Allt a'Bhreac-achaidh. Pre-Clearance? (17/11/02).

Grid Reference: 284183 911997. SMR Reference: None.

Feature is: 190m to the NE of the Proposed Access Track.

Feature Appears on OS Map: No.

Unusual triangular arrangement of 3 sets of 2 boulders, set on a 10m x 10m, short grassy 'oasis' in gently SW-sloping, short heather-covered hillside. The paired boulders are each up to 'double football' size and are lying with their long sides on the ground. The lower, SW 'side' between two of the pairs, trends parallel to the contours and is 5m long, the E, steepest, 'side' is 4m long and the N 'side' crosses the slope obliquely for 6m. It is unsure of what, if anything, this structure represents.

Feature 088. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283418 912156. SMR Reference: None.

Feature is: 210m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Water-filled, possible grouse butt, cut into the hillside at its upper edge, but with no leading spoil lip evident. It has been cut straight into the hillside, and has a possible entrance opening to 280^o. This is the north-westernmost in a row of 9 disused grouse butts, trending SE from here in a line over the heather-covered N spur of Cnoc a'Ghrianain.

Feature 089. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283441 912144. SMR Reference: None.

Feature is: 205m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Low, 4m diameter, disused grouse butt, cut into the hillside at its upper edge and built up at its lower edge and sides. There is a slight, 0.2m thick lip on the uphill side and the heavily eroded sidewalls, with some visible stone in their construction, survive to 0.3m high and 0.4m wide. The central area is very boggy and the former entrance opens to 303^o.

Feature 090. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283479 912115. SMR Reference: None.

Feature is: 210m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

This low, 4m diameter, disused grouse butt has been cut into the 5^o NW-sloping, heather-covered NW flank of Cnoc a'Ghrianain's N spur. The internal peat turf walls remain to 0.4m in height on the uphill, SE side and to 0.2m on the downhill, NW side, but here it is built up to a width of 0.7m. The former entrance opens to 315^o.

Feature 091. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283528 912084. SMR Reference: None.

Feature is: 220m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Fairly degraded, 4m diameter, disused grouse butt, but in a better state of preservation than many of those described in Features 092 to 096 (below). Its 0.6m thick peat turf walls survive to 0.4m high and the interior is a soft, bare peat area. Erosion has occurred from the inside towards the outside, with the outer face remaining intact. Some stone is visible in the construction of the peat walls. The former entrance opens to 315^o, and a 0.2m wide and 0.2m deep drainage channel has been cut for 4m from the entrance down the slope, possibly in order to drain the interior.

Feature 092. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283574 912048. SMR Reference: None.

Feature is: 210m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Only a 0.4m outer thickness of the peat turf walls, surviving to 0.1m high, remain on this disused and severely degraded, 4m diameter grouse butt. It resembles a volcanic caldera, as the erosion of the peat walls has occurred from the inside, leaving a soft, bare peat ring where the former inner area of wall once was. The central area is mossy and grass-covered and the former entrance opens to 294^o. A single stone is visible in the wall construction marking the S entrance post.

Feature 093. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283613 912018. SMR Reference: None.

Feature is: 200m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

The only substantial traces of this disused, 4m diameter and almost completely eroded grouse butt are the 0.4m high and 0.4m thick peat turf walls of its NE side. A boulder appears in its construction in this remnant. The remaining walls are merely a trace on the ground and the central area has been turned into a bare exposure of soft peat. The former entrance opens to 315^o.

Feature 094. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283659 911994. SMR Reference: None.

Feature is: 190m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Partially eroded, 4m diameter, disused grouse butt, with only a 2.5m section of its 0.6m thick, S peat turf wall remaining to 0.5m high, is set on the gentle N-sloping side of the N spur of Cnoc a'Ghrianain. The remainder of the former butt has been completely eroded away, although its N and E outline can be traced as a low crescentic ridge and its former entrance opens to 316°.

Feature 095. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283702 911966. SMR Reference: None.

Feature is: 180m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Almost completely eroded, probably primarily by the action of deer and the elements secondarily, this disused grouse butt remains as merely a 2m wide, horse-shoe shaped area of bare peat, with a central area of short grass. The remains of the whole structure are 4m in diameter and the former entrance opens to 279°.

Feature 096. Grouse Butt. Cnoc a'Ghrianain. Late 19th C. (25/01/03).

Grid Reference: 283744 911923. SMR Reference: None.

Feature is: 180m to the SW of the Proposed Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

South-easternmost in the row of 9 disused grouse butts, trending NW in a line over the N spur of Cnoc a'Ghrianain and down its NW flank.

This quite degraded, circular butt is 3.5m in diameter, and is set on Cnoc a'Ghrianain's NE-sloping heather-covered flank. Its peat turf wall rises to 1m and is 0.5m thick and has a thick covering of long grass and lichen growing richly on it. Its 1m wide entrance opens to 318°.

Gordonbush to Breac-achadh

Feature 097. Hilltrack. Allt Smeòrail. Late 19th C with Mid 20th C improvements.

Grid Reference: 284472 909675 to 285647 912937. SMR Reference: None.

Feature is: (from Breac-achadh to its N end) the Eastern Section of the Existing Access Track.

Feature Appears on OS Map: All on current Landline.

From the C6 public road at Gordonbush, a stony hilltrack extends northwards up a steep slope through an old Scotch pine plantation, before re-appearing with open ground of the W valley-side of Allt Smeòrail to the E and a more modern pine plantation lining the W side of the track. The NE corner of the plantation is at 284686 911027, from where the track crosses open, undulating moorland, to pass immediately to the E of Breac-achadh (see **Plates 21 & 22**) and continues as a later extension through a fence at 284964 912042, where another pine plantation is situated to the W side of the track. The track continues along its winding course, high up on the W bank of Allt Smeòrail, crossing Ristocky Burn and Badan Burn, before ending in a turning area at 285638 912935.

This track has, at various places along its length, drainage ditches running parallel with it, piped culverts placed underneath it, borrow pits beside it used during its construction and spoil heaps/embankments at the side of it.

Feature 098. Linear Boundary Dyke. Dalluch. 19th C? (31/12/02).

Grid Reference: 284528 910509 to 284761 910364. SMR Reference: None.

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

Substantial, well-constructed stone-built dyke, 1m wide and 1m high, delineating the NE edge of the old Scots Pine plantation of Gordonbush, is broken by the Gordonbush to Breac-achadh access track at 284714 910385. The dyke trends directly down the steep E-sloping valley-side of Allt Smeòrail.

Feature 099. Fence. Dalluch. Early 20th C? (31/12/02).

Grid Reference: 284721 910413 to 284781 910383. SMR Reference: None.

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966) and current Landline.

Post and wire fence, delineating an extended boundary beyond the NE edge of the old Scots Pine plantation of Gordonbush, has a gate across the Gordonbush to Breac-achadh access track at 284727 910410. The fence trends directly down the steep E-sloping valley-side of Allt Smeòrail. The fence intersects the linear boundary dyke of **Feature 100** (below) at 284736 910400.

Feature 100. Linear Boundary Dyke. Dalluch. Pre-Clearance. (31/12/02).

Grid Reference: 284726 910375 to 284759 910804. SMR Reference: None.

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: No.

From its intersection with the well-constructed (?19th Century) stone wall of **Feature 098** (above), marking the NE boundary of the plantation to the SW, a 0.8m high and 1m wide peat turf dyke with occasional embedded boulders, trends 024⁰ towards, and incorporates the earlier, clearance cairn of **Feature 102** (below). The dyke is enhanced by a selective cover of bracken on the short heather-covered, E-sloping valley-side of Allt Smeòrail.

It trends NNE to pass over a further clearance cairn, of **Feature 103** (below), and, where clear of its bracken cover, the boundary is visible as 0.6m wide and 0.5m high. The dyke continues towards the S corner of the stone-walled enclosure of **Feature 106** (below), but turns sharply to the W, 20m short of it, in boggy, reed-covered ground at 284844 910614, where it becomes a less prominent, heather-covered turf dyke with an associated boggy ditch on its SW side. As it trends across this boggy ground, it curves and

rises gently, to a slight bend at 284804 910630, and on to another slight change of direction at 284777 910651, on higher and drier ground. It rises to 284765 910675, where occasional stone is visible in its turf construction, and it is 1m wide and 0.4m high at this point where its associated ditch peters out.

From here, it trends parallel to the contours of the E-sloping hillside to 284760 910689, where it is paralleled by a stone dyke for 10m, set 3m on its E, downhill side. Continuing northwards along the contours, this ongoing, main dyke is only poorly defined for the next 35m section by an intermittent row of boulders to 284761 910725, where it regains its prominence as a 0.7m wide, 0.4m high, stone-dominant dyke, partially subsumed by heather and bracken once more. It trends N to 284758 910756, where it intersects with the ditch and bank of **Feature 113** (below), and on to its N end at 284759 910804, 4m to the S of the S wall of enclosure of **Feature 118** (below), 4m from its SW corner. 13m from its N end there is a 2m break in the dyke, with a 2m long, SE-trending tail, allowing access to the area enclosed by this head dyke.

Feature 101. Borrow Pit. Dalluch. 19th C? (31/12/02).
Grid Reference: 284742 910446. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

Semi-circular borrow pit adjoins the NW side of the Gordonbush to Breac-achadh access track, on the SE side of a pine plantation. It is 6m wide, 8m deep, with a 2m high backwall, and is now overgrown with grass and has a deposit of boulders dumped within it.

Feature 102. Clearance Cairn. Dalluch. Pre-Historic. (31/12/02).
Grid Reference: 284761 910465. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

Dominant, 1.5m high and 2m diameter clearance cairn, appearing much larger due to bracken cover, has been incorporated into the later, linear boundary dyke of **Feature 100** (above). Several other clearance cairns are visible on this grass and short heather-covered, E-sloping valley side of Allt Smeòrail. No trace of any associated settlement was discovered, but it is possible that it may be concealed within the dense pine plantation uphill and to the W.

Feature 103. Clearance Cairn. Dalluch. Pre-Historic. (31/12/02).
Grid Reference: 284801 910558. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

3m diameter clearance cairn with cobbles and boulders protruding through its peat covering, overgrown with short, young heather. The clearance cairn is topped by the linear boundary dyke of **Feature 100** (above). Several other, smaller clearance cairns are situated on this grass and short heather-covered, E-sloping valley side of Allt Smeòrail.

Feature 104. Clearance Cairn. Dalluch. Pre-Historic. (31/12/02).
Grid Reference: 284752 910675. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

Short heather-covered, 4m x 2m, oval-shaped clearance cairn, set with its long axis trending parallel to the contours of the E-sloping hillside. It stands 0.4m high, 5m to the E, and downhill of the Gordonbush to Breac-achadh access track, and has a single large boulder and several smaller cobbles protruding from the surface of the mound.

Feature 105. Clearance Cairn. Dalluch. Pre-Historic. (31/12/02).

Grid Reference: 284774 910717. SMR Reference: None.

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: No.

Low, 2m diameter clearance cairn, set on grass and bracken-covered, E-sloping valley-side of Allt Smeòrail and comprising 2 large, upstanding boulders and many low-lying cobbles.

Feature 106. Enclosure (angular). Dalluch. Pre-Clearance. (31/12/02).

Grid Reference: 284854 910635. SMR Reference: NC81SW0058 (part of).

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

S corner of moss and bracken-covered, stone and turf-walled enclosure, 0.7m high and 0.9m wide, marked by a large anchor boulder. Its SW wall trends from this location towards 326° for 17m along the SW base of a steep, deep bracken-covered knoll, and then up its SW face towards 047° for 10m, where it ends at 284850 910656. From the original S corner, its SE wall trends 047° up its S face to the enclosure's E corner, meeting its N section at the NE top side of the knoll at 284881 910655.

Its N side runs uphill towards 077° from the recessed N corner of **Feature 108** (below) for 13m, before curving around on the N side of the knoll, to trend 130° for 20m to its sharp E corner.

The enclosure caps the bracken-covered knoll's peak, and the N sides comprise mainly grass and bracken-covered turf, delineating the steep drop down into the incised Allt Smeòrail valley-side bend to the N.

Feature 107. Building Remains. Dalluch. Pre-Clearance. (31/12/02).

Grid Reference: 284845 910681. SMR Reference: NC81SW0058 (part of).

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

NE corner of the sturdy stone wall remains of the farmstead of Dalluch. From the NE corner, the long sidewall trends 169° for 19m and the gable ends are quite noticeably wide at 5m. The remains are tucked into the W side of the bracken-covered knoll on which the enclosure of **Feature 106** (above) is constructed. The N gable end wall survives to 1.0m high and is 0.9m wide, whereas the S gable wall is only 0.7m thick and 0.6m high. The upward-tapering sidewalls are 0.6m wide at the base and rise to 0.9m high, and the masonry of the W frontage sidewall is perfectly straight. An entrance is placed in this W sidewall, 5m from the SW corner.

Feature 108. Building Remains. Dalluch. Pre-Clearance. (31/12/02).

Grid Reference: 284853 910665. SMR Reference: NC81SW0058 (part of).

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: No.

N corner of the remains of a small building, open to the W and set to the SE and to the rear of the building remains of **Feature 107** (above), and recessed into the W side of the bracken-covered knoll. Its substantial, E, rear, 0.6m wide, coursed stone wall survives in excellent condition to 1.2m high, and has been built embedded into the steep W face of the knoll. The internal dimensions are 3m x 3m and may have been a store/pen for the main building.

Feature 109. Linear Boundary Dyke. Dalluch. Pre-Clearance. (31/12/02).
Grid Reference: 284881 910655 to 284932 910649. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

From the E corner of the enclosure of **Feature 106** (above), a broad, low 1.5m wide and 0.4m high, heather and bracken-covered peat dyke, trends 097° down the grass and heather-covered E side of the knoll to the W bank of the gorge of Allt Smeòrail.

Feature 110. Peat Cuttings. Dalluch. Pre-Clearance. (31/12/02).
Grid Reference: 284843 910772. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

Centre of extensive area of old peat cuttings in a level area of river terrace on W bank of Allt Smeòrail, between the break of slope to the W and the edge of the river terrace to the E. This slightly boggy area is now covered in sedge and grass, and remnants of baulks remain raised above the areas of peat extraction.

Feature 111. Corn-Drying Kiln Remains. Dalluch. Pre-Clearance. (31/12/02).
Grid Reference: 284853 910749. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

Remains of small corn-drying kiln, neatly built into the NE side of a small, bracken and heather-covered ridge between a very small tributary of Allt Smeòrail and Allt Smeòrail itself to the E. The structure is orientated with its upper, bowl end towards 073°, which is tucked into the SW side of the ridge and set 1.5m below its summit, and is 3.5m long and 3m wide. The grass-covered bowl is 1.5m wide at its top and 0.8m deep and is constructed of round-edged, sub-angular cobbles and boulders.

There appear to be no walls to the structure; rather the natural ground surface has been used as its boundaries, as it is recessed into the ridge. There is, however, a large, 0.9m wide x 0.6m high and 0.4m deep lintel in place above what was the flue, which is currently blocked 0.4m in from the front. The distance from the front of the lintel to the lower, SW internal edge of the bowl is 1m.

Feature 112. Enclosure (angular). Dalluch. Pre-Clearance. (31/12/02).
Grid Reference: 284847 910757. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

SE corner of small enclosure defined by a single row of roughly placed, large boulders and cobbles, all deeply overgrown by bracken, on top of the shoulder of the main river terrace on the W bank of Allt Smeòrail. There is some scatter to the structure and the alignment is quite difficult to ascertain under the bracken cover. The long sides of the structure trend 286° for 11m and it is 7m wide.

Feature 113. Linear Boundary Dyke. Dalluch. Pre-Clearance. (31/12/02).
Grid Reference: 284866 910767 to 284758 910756. SMR Reference: None.
Feature is: >250m to the S of Existing Access Track.
Feature Appears on OS Map: No.

Row of roughly placed boulders lining the SW bank of a very small tributary of Allt Smeòrail, only for the length of its steep section up the steep face of the river terrace at 284852 910773, 10m to the NE of the enclosure of **Feature 112** (above). From the edge of the river terrace at the top of the slope, a low, 0.7m wide x 0.3m high, grass-covered turf bank, with an associated boggy ditch on its N side, continues towards 295° across the level area of former peat cuttings (of **Feature 110** above) to the break of slope, from where

it trends up the E-sloping hillside to 284758 910756, to end at its junction with the linear boundary dyke of **Feature 100** (above).

Feature 114. Peat Cuttings. Dalluch. Pre-Clearance. (31/12/02).

Grid Reference: 284911 910997. SMR Reference: None.

Feature is: >250m to the S of Existing Access Track.

Feature Appears on OS Map: No.

NW corner of old peat cuttings, now regenerated by an overgrowth of heather and set on the roughly level boggy ground above the steep river terrace face of the W bank of Allt Smeòrail. The W longside trends from this location towards 192° for 20m and the 0.4m deep cuttings are 12m wide.

Feature 115. Linear Boundary Dyke. Allt Smeòrail. Pre-Clearance. (31/12/02).

Grid Reference: 284938 910925 to 284868 911320. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

At the edge of the W bank of Allt Smeòrail, this 400m long, valley-parallel feature begins rather indistinctly as a low turf dyke, 0.8m wide and 0.3m high, containing occasional stones, but mainly discernible by its preferential heather growth. It trends from here towards 318°, obliquely uphill through marshy ground, where it becomes almost completely indiscernible to 284917 910947, where it is best observed by its shadow when the sun is low. It continues to a slight bend at 284903 910978, and on to another at 284897 910998 on the dry crest of a small knoll, where it is associated with a 0.2m deep, 1.5m wide ditch on its W, uphill side.

From the knoll, it traverses across a fresh heather-covered, gentle slope to a slight bend at 284896 911016, where the ditch becomes obscured in a grassy marsh area, to a further slight bend on drier ground at 284897 911055. From here, it becomes a more prominent, bracken-capped feature, and on to another slight change of direction at 284896 911096. It now trends obliquely uphill as a major feature in the landscape, 0.8m high and 0.8m wide, enhanced by its preferential bracken topping.

At this level on steeper, E-sloping, heather-covered ground, the dyke continues to curve around the hillside features, broadly parallel with the contours, to 284890 911151, where, due to the nature of the topography, the height of the downhill side of the dyke is greater at 1.0m, than the uphill side, and on to 284881 911183, curving gently to a bend at 284875 911214. More stone is visible in the dyke's construction over this section as its vegetation cover reduces.

The dyke continues, becoming covered with bracken again, to a bend at 284866 911259, and on to a slight bend in the opposite, clockwise direction at 284856 911272, to another at 284849 911290, where it is 1m wide and 0.8m high on the downhill side, with a waterlogged ditch on its uphill side. It changes direction sharply to the NE at a prominent corner at 284852 911310, from where it trends downhill with an associated, deeper ditch containing flowing water on its N, uphill side. It ends at 284868 911320 on the S bank of a 2m deep, E-flowing burn gully.

Feature 116. Ford. Allt Smeòrail. 19th/20th C? (31/12/02).

Grid Reference: 284937 911081. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

Small stony ford across the Allt Smeòrail in a gently S-flowing, straight section, into which leads an unmade Argo-cat track, which breeches the linear boundary dyke of **Feature 115** (above) to the W.

Feature 117. Enclosure (angular). Allt Smeòrail. Pre-Clearance? (31/12/02).
Grid Reference: 284727 910811. SMR Reference: NC81SW0062 (part of).
Feature is: >250m to the SE of Existing Access Track.
Feature Appears on OS Map: 1:10560 1st Edition (1871) and 2nd Edition (1904).

SW corner of stone-walled enclosure, set above the enclosure of **Feature 118** (below), on a 10° E-sloping, grass and heather-covered hillside. The stone cobble and boulder walls survive to a jumbled 0.8m high and 1m wide, and the long sides trend directly up the slope towards 270°. The enclosure is 12m long and 9m wide, although the upper W end wall is partially obscured by the spoil from the current Gordonbush to Breac-achadh access track, which is 2m to the W of the upper end.

Feature 118. Enclosure (angular). Allt Smeòrail. Pre-Clearance? (31/12/02).
Grid Reference: 284770 910820. SMR Reference: NC81SW0062 (part of).
Feature is: >250m to the SE of Existing Access Track.
Feature Appears on OS Map: 1:10560 1st Edition (1871) and 2nd Edition (1904).

NE corner of stone-walled enclosure, set below the enclosure of **Feature 117** (above), the walls of which now survive to 1m wide and 0.6m high. The N wall trends 267° up the 12° E-sloping, grass and heather-covered hillside for 18m to its NW corner. The upper, W end wall is 12m long and the lower, E end wall is narrower at 9m, with the S sidewall trending 254°. The walls comprise mainly sub-rounded cobbles, but there are some larger boulders on the S side, which form the complete height and width of the wall on their own. The sloping interior is covered in grass and deep bracken.

Feature 119. Linear Boundary Dyke. Allt Smeòrail. Pre-Clearance. (31/12/02).
Grid Reference: 284750 910808 to 284749 910841. SMR Reference: None.
Feature is: >250m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

A coarsely constructed stone dyke, 1m high and 0.5m wide, almost obscured by deep grass and bracken on this 12° E-sloping hillside, appears to begin 2m uphill and to the W of the SW corner of the enclosure of **Feature 118** (above). It trends towards 350°, sub-parallel to the upper, W end wall of the enclosure and appears to cease adjacent to its NW corner. It is difficult to trace under the vegetation for 10m, before it is apparent on the same alignment for a further 8m to a bend at 284749 910841, before turning obliquely downhill for 5m to end at 284749 910841.

From a point on this dyke, 4m to the S of the bend, it is joined by a similarly coarsely constructed dyke, which trends directly downhill towards 100° for 12m to 284758 910834, to end in a deep bracken covered area of the hillside. It is unclear what the function of these dykes is (other than being perhaps a northerly extension of the head dyke of **Feature 101** above), and indeed, they may have been partially robbed during the construction of the two adjacent enclosures.

Feature 120. Borrow Pit. Allt Smeòrail. 19th/20th C? (31/12/02).
Grid Reference: 284668 911096. SMR Reference: None.
Feature is: >250m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

Centre of borrow pit adjoining the W side of the current Gordonbush to Breac-achadh access track, at the NE corner of the pine plantation to the SW. It is 13m across, 10m deep and 2m high at the backwall and contains the concrete pad of **Feature 121** (below) on its floor.

Opposite the borrow pit, on the E side of the track, a large, grass-covered turning platform area has been formed, extending out from the edge of the track for 9m, with a steep drop down to the original E-sloping hillside profile, and is 15m long.

Feature 121. Building Remains. Allt Smeòrail. Early 20th C? (31/12/02).

Grid Reference: 284668 911096. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

SE corner of a level concrete base of a former building, placed in the borrow pit of **Feature 120** (above), is 5m x 4m, with its long sides trending W-E. It is possible that this building was a former estate store or garage for materials/transport required on the hill.

Feature 122. Linear Boundary Dyke. Ruidhean. Pre-Clearance. (31/12/02).

Grid Reference: 284632 911065 to 284865 911244. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

From its intersection with the plantation fence, a 3m wide and 0.4m high, peat turf bank, with a ditch on its NW uphill side, trends NE across a grass and heather-covered, gently E-sloping hillside, and is cut by the current Gordonbush to Breac-achadh access track at 284668 911096. At its intersection with the old borrow pit of **Feature 124** (below) at 284697 911125, the broad ditch appears on the SE side of the bank and is 3m wide and 0.3m deep. The bank and ditch are cut the preceding track, now disused, of **Feature 123** (below), as they trend together NE, obliquely downhill, over fresh, young heather and grass-covered, undulating ground to 284764 911190.

Continuing to a minor change in direction at 284820 911227, here the bank is 4m wide and 0.5m deep and the associated dry ditch is 2.5m wide and 0.2m deep. It trends 070^o, down and across this well-drained, short heather-covered, steeper E-sloping valley-side, to its intersection with the linear boundary dyke of **Feature 115** (above) at 284865 911244, where its relationship with this feature is unclear, the crucial area having been removed for an Argo-cat access. It appears not to cross the main valley-parallel dyke, so is possibly a contemporary or later feature, even though it has the appearance of being older due to its degree of degradation.

Feature 123. Hilltrack (disused). Allt Smeòrail. 19th/20th C? (31/12/02).

Grid Reference: 284687 911045 to 284669 911548. SMR Reference: None.

Feature is: Adjoining the Existing Access Track at 284669 911548.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions (not current Landline).

Old track which originally took a more direct route to Breac-achadh, from its departure from the current track at 284687 911045 to where it rejoins it at Breac-achadh. This route was replaced by a more vehicle-friendly, higher-level route to the W, over shallower gradients, in the 1950s. The old track is now completely overgrown by long sedge, grass and reeds and, in places, is very boggy.

Feature 124. Borrow Pit. Ruidhean. Post-Clearance. (31/12/02).

Grid Reference: 284697 911125. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

Old borrow pit, measuring 6m x 3m, situated adjacent to the W side of the former track of **Feature 123** (above) on grass and heather-covered, undulating E-sloping hillside.

Feature 125. Borrow Pit. Ruidhean. Post-Clearance. (31/12/02).

Grid Reference: 284710 911335. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

Old borrow pit, measuring 5m across and 10m deep, situated adjacent to the W side of the former track of **Feature 123** (above) on boggy, undulating E-sloping hillside.

Feature 126. Peat Cuttings. Allt a'Bhreac-achaidh. Pre-/Post-Clearance? (31/12/02).

Grid Reference: 284713 911340. SMR Reference: None.

Feature is: 160m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

SE corner of old peat cuttings, adjacent to the W side of the former track of **Feature 123** (above), on gently NE-sloping, heather-covered, boggy, SW valley-side of Allt a'Bhreac-achaidh. The SW edge of the cuttings trends 294° for 40m, then N for 20m. The E edge of the cuttings is bounded by, and adjoins the W edge of the disused track for 60m, turning W to join its NW corner.

Feature 127. Building Remains. Ruidhean. Pre-Clearance. (31/12/02).

Grid Reference: 284890 911322. SMR Reference: NC81SW0064.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and 2nd Edition (1904).

NE corner of small building remains, perched on a deep bracken-covered shoulder of the river terrace, above the steep slope to the W bank of Allt Smeòrail. The extent of the wall remains, of peat turf and stone, measure 7.5m x 4.5m, and the N sidewall trends 278° from this location. The E gable wall is 1m thick, and the all of the other walls are no thicker than 0.6m. All walls survive only to 0.4m high. An entrance is located centrally on the S wall.

Feature 128. Linear Boundary Dyke. Ruidhean. Pre-Clearance. (31/12/02).

Grid Reference: 284883 911323 to 284886 911346. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

From the NW corner of the building remains of **Feature 127** (above), a heather and bracken-covered, peat turf wall, 0.4m high and 0.6m wide, trends NNE to the S bank of Allt a'Bhreac-achaidh, effectively enclosing the level area to the N of the building remains. The dyke can be seen to begin again (not visited) on the N side of Allt a'Bhreac-achaidh, becoming a valley-parallel dyke and possible northern continuation of **Feature 115** (above).

Feature 129. Linear Boundary Dyke. Ruidhean. Pre-Clearance. (31/12/02).

Grid Reference: 284871 911327 to 284765 911361. SMR Reference: None.

Feature is: 215m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

Bracken-covered peat turf dyke, constructed on the N side of a 1m deep and 1.5m wide ditch joining the ditch associated with **Feature 115** (above). The dyke is 1m wide and 0.6m high, and trends uphill on a heather-covered, ESE-sloping hillside. 25m uphill from its E termination, the ditch is markedly less deep, having reverted to its natural burn form, where the vegetation cover is mainly grass. Stones are visible in the dyke's construction at this location, and it continues uphill to a slight bend at 284829 911341 and on to its uphill end, where it peters out at 284765 911361.

Lower Breac-achadh

Feature 130. Enclosure (angular). Breac-achadh. Pre-Clearance. (17/11/02 & 06/12/02).

Grid Reference: 284488 911592. SMR Reference: None.

Feature is: 30m to the E of the Proposed Access Track.

Feature Appears on OS Map: No.

W corner of sub-rectangular enclosure, measuring 20m x 18m, the NW boundary of which runs into the wall of **Feature 131** (below). The substantial enclosure walls are constructed of mainly grass-covered turf and stone, and survive to a maximum height of 1m and are 1m wide. The long sides of the enclosure trend 156° and its SW side lines the top of the NE bank of a small, SE-flowing tributary of Allt a'Bhreac-achaidh. The enclosure interior is grassed, whereas the surrounding land comprises heather and reedy boggy ground, sloping gently SE.

Feature 131. Linear Boundary Dyke. Breac-achadh. Pre-Clearance. (17/11/02).

Grid Reference: 284535 911647 to 284504 911604. SMR Reference: None.

Feature is: 50m to the N of the Proposed Access Track.

Feature Appears on OS Map: No.

Low bank, 0.4m high, 0.8m wide, constructed of boulders and turf, on SE side of small, SW-flowing burn. It crosses under a plantation boundary fence to the NE, and trends 236° to join the N corner of the rectangular enclosure of **Feature 130** (above) to the SW, crossing uneven, boggy ground, sloping SW towards a small tributary of Allt a'Bhreac-achaidh.

Feature 132. 'Tattie' Pits. Allt a'Bhreac-achaidh. Pre-Clearance. (17/11/02).

Grid Reference: 284703 911475. SMR Reference: None.

Feature is: 25m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

SE end of prominent 75m long, 5m high, whale-back shaped, heather-covered moraine ridge, trending 310° , on the NE bank of Allt a'Bhreac-achaidh, into which a series of 8 'tattie' pits, 0.3-0.4m deep and up to 2m diameter, has been dug into its crest (see **Plate 19**). The NW end of ridge is 2m to the SE of the existing track and the nearest 'tattie' pit is 25m from the track's SE edge.

Feature 133. Borrow Pit. Allt a'Bhreac-achaidh. Early 20th C. (17/11/02).

Grid Reference: 284672 911536. SMR Reference: None.

Feature is: 10m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

In the NW, upper end of the same moraine ridge of **Feature 132** (above), trending 310° , on the NE bank of Allt a'Bhreac-achaidh, a small borrow pit has also been cut into NE side of the ridge. This is thought more likely to have been formed when the existing access track was constructed to replace the original track (of **Feature 123** above), which passes immediately to the S of the ridge.

Feature 134. Borrow Pit. Allt a'Bhreac-achaidh. 19th C? (17/11/02).

Grid Reference: 284703 911475. SMR Reference: None.

Feature is: 70m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

In the SE, lower end of the same moraine ridge of **Feature 132** (above), trending 310° , on the NE bank of Allt a'Bhreac-achaidh, a horseshoe-shaped hollow, measuring 6m x 4m x 2m deep, has been dug into its end, where the ridge runs into the moderately SE-sloping burn side. It is thought unlikely that it is a modern pit and may have been used in the construction of the old, disused track of **Feature 123** (above).

Feature 135. Linear Boundary Dyke. Allt a' Bhreac-achaidh. Pre-Clearance. (31/12/02).

Grid Reference: 284799 911394 to 284641 911458. SMR Reference: None.

Feature is: >250m to the SE of Existing Access Track.

Feature Appears on OS Map: No.

An irregular dyke, formed from large boulders, placed in a crude row on the N bank of Allt a' Bhreac-achaidh, wavering from 2m to 5m from the water's edge along the length of its terrace. This features continues sporadically for 180m or so to 284765 911361.

Feature 136. Corn-Drying Kiln Remains. Breac-achadh. Pre-Clearance. (06/12/02 & 28/12/02).

Grid Reference: 284718 911548. SMR Reference: None.

Feature is: 12m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

12m to the SE of the existing access track, a possible corn-drying kiln, now rubble-filled and grassed over, which indicates that another possibility is that it is merely a wide, linear clearance cairn. It measures 6m downhill, trending 136°, and is 3m across. The width of the possible upper, bowl end walls are 1m and the height is approximately 0.3m, being just one boulder course high. The lower, rectangular end of the structure is fairly indistinct, but a linear jumble of large boulders, extending SE for 3m from the S corner of the structure, could have formed part of the kiln walls.

The orientation of this structure, trending parallel with the 12°-sloping, grassy meadow, is correct for the usual situation of a corn-drying kiln, with its bowl at the upper end.

A small fragment of brown-glazed pottery, 4mm thick was discovered in a molehill on the E corner of the structure.

Feature 137. Enclosure (angular). Breac-achadh. Post-Clearance? (17/11/02 & 28/12/02).

Grid Reference: 284679 911573. SMR Reference: NC81SW0061 (part of).

Feature is: 10m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1966).

NW corner of substantial, well-constructed stone walls of an enclosure (see Plate 20) measuring 6m x 7m, attached to the S side of the W section of the farmstead of Feature 138 (below). This enclosure, better-preserved than the adjoining farmstead remains (indicating use later than the farmstead?), has a lintelled sheep creep, 0.6m high and 0.4m wide, on its W wall and an inbuilt drain hole, approximately 0.1m square, on its S wall at its lower end, draining the enclosure interior onto the exterior grassy meadow. All walls are well constructed of coursed sub-angular stonework.

Feature 138. Building Remains. Breac-achadh. Pre-Clearance. (17/11/02 & 28/12/02).

Grid Reference: 284679 911573. SMR Reference: NC81SW0061 (part of).

Feature is: 1m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

SW corner of substantial stone wall remains of farmstead at Breac-achadh (see Plate 20), measuring 22m x 4.5m, with an internal division, and an entrance on the S side of the E section. The W section, to which the enclosure of Feature 137 (above) extends to the SW, is 8m long and E section is 14m long. Walls survive to 1.5m high and 0.7m thick, and the long sidewalls of the farmstead trend 117°. The existing access track passes <1m from the E gable end of the farmstead and is sunk 0.8m below its floor level, and has already partially undermined its foundations, which are exposed on an open E face.

Feature 139. Kale-Yard. Breac-achadh. Pre-Clearance. (17/11/02 & 28/12/02).

Grid Reference: 284679 911578. SMR Reference: NC81SW0061 (part of).

Feature is: 1m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

SW corner of kale-yard-type, sub-rectangular enclosure adjoining the farmstead of Feature 138 (above), extending 25m on its N side, with stone walls standing <1m high and 0.8m wide, although where tumbled, spread to 1m. A dead, but still standing, rowan tree, associated with the farmstead, is located just within the E wall of the kale-yard, adjacent to the W edge of the track. This E wall trends along the NW edge of the existing access track, from the NE corner of the farmstead. A continuation of the NW kale-yard wall curves around to the SE, to be cut by the track, 6m to the NE of the NE corner of the kale-yard (its opposite side forms Feature 143 below).

Feature 140. Well. Breac-achadh. Pre-Clearance. (17/11/02).

Grid Reference: 284663 911586. SMR Reference: None.

Feature is: 40m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

A sunken, reed-filled structure, 2m x 1.5m, possibly a well, is located 20m to the WNW, and slightly uphill of the farmstead of Feature 138 (above).

Feature 141. Platform. Breac-achadh. Pre-Clearance? (17/11/02).

Grid Reference: 284672 911563. SMR Reference: None.

Feature is: 10m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

Recessed platform, open-ended to the SE, measuring 3m x 2m, is dug into SE-sloping grass meadow, 6m to the SW of the high-walled enclosure of Feature 137 (above). This completely grass-covered feature resembles the more substantial remains of the platform of Feature 167 (below), which is suggested to be similar to a roadside milk churn stand.

Feature 142. Pit. Breac-achadh. Pre-Clearance? (17/11/02 & 06/12/02).

Grid Reference: 284695 911560. SMR Reference: None.

Feature is: 2m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

On the level grassy platform to the S of the farmstead of Feature 138 (above), 2m from the NW edge of the existing access track, is a 1m diameter, 0.3m deep, circular pit. Its purpose is unclear, although it could be a 'tattie' pit, similar to those of Feature 132 (above).

Feature 143. Enclosure. Breac-achadh. Pre-Clearance. (31/12/02).

Grid Reference: 284793 911438. SMR Reference: NC81SW0061 (part of).

Feature is: Cut by the Existing Access Track at 284718 911158.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

S corner of extensive enclosure, covering the grassy meadow area to the SE of farmstead of Feature 138 (above) at Breac-achadh. The stone-built wall forming the boundary of the enclosure is grass-covered and is 0.8m wide and survives to 1m high. The SW side of the enclosure, parallel to Allt a' Bhreac-achaidh, is built up above the level of the terrace to retain the field area, and the solid stone construction is clearly visible in its SW face. The SE wall is completely grass-covered, is wider at 1.5m and its top is arch-shaped in cross-section and trends NE, straight to its E corner at 284839 911499.

From the E corner, the grass-covered dyke has a broad, rounded profile and is 2m wide and 0.8m high, with a 1m wide and 0.4m deep grassy, dry ditch on its NE side. It bends at 284749 911574 and runs towards the E stone wall corner of the kale-yard of Feature 139 (above) of Breac-achadh farmstead.

Feature 144. Linear Boundary Dyke. Breac-achadh. Pre-Clearance. (31/12/02).
Grid Reference: 284749 911574 to 284743 911601. SMR Reference: NC81SW0061 (part of).
Feature is: 15m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

A less well defined, grass-covered broad mound dyke, 1.5m wide and 0.5m high, trends 348⁰ for 25m, obliquely across the grass-covered meadow area, from its join with the grass-covered dyke of **Feature 143** (above).

Feature 145. Clearance Cairns. Breac-achadh. Pre-Clearance. (31/12/02).
Grid Reference: 284809 911464. SMR Reference: None.
Features are: 140m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

Pair of clearance cairns, set 3m inside the SE enclosure boundary wall of **Feature 143** (above). They are both approximately 2.5m in diameter and 0.5m high, mostly covered by grass and moss.

Feature 146. Clearance Cairns. Breac-achadh. Pre-Clearance. (31/12/02).
Grid Reference: 284825 911485. SMR Reference: None.
Features are: 140m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

A second pair of clearance cairns, set 3m inside the SE enclosure boundary wall of **Feature 143** (above). They are both approximately 2.5m in diameter and 0.5m high, mostly covered by grass and moss.

Feature 147. Clearance Cairn. Breac-achadh. Pre-Clearance. (31/12/02).
Grid Reference: 284807 911496. SMR Reference: None.
Feature is: 115m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

Oval-shaped clearance cairn, set on a natural knoll in the gently undulating, grassy meadow interior of the enclosure of **Feature 143** (above). Partially covered by grass and moss, it measures 5m x 2m and trends 130⁰ and comprises mainly cobble-sized stones.

Feature 148. Clearance Cairn. Breac-achadh. Pre-Clearance. (31/12/02).
Grid Reference: 284790 911517. SMR Reference: None.
Feature is: 90m to the SE of Existing Access Track.
Feature Appears on OS Map: No.

4m diameter and 1m high clearance cairn, set in the gently undulating, grassy meadow interior of the enclosure of **Feature 143** (above). Its constituents are mainly cobble-sized stones and its N side is covered by grass.

Feature 149. Linear Boundary Dyke. Breac-achadh. Pre-Clearance. (28/12/02).
Grid Reference: 284705 911616 to 284765 911772. SMR Reference: None.
Feature is: 10m to the NW of the Existing Access Track.
Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

Substantial, short heather-covered, peat turf bank trends 018⁰ from the Breac-achadh farmstead of **Feature 138** (above), and it may trend SW from its apparent start, passing to the rear of the farmstead, but is unclear. It appears to be a feature older than the farmstead itself, maybe a head dyke associated with the original Pre-Clearance settlement of **Features 156 and 157** (below) to the N.

The bank is 1.5m wide and 0.5m high and, in profile, its W side is steeper than its downhill, E side. An associated dry ditch on its uphill, W side is 0.5m wide. Occasional stone is visible within the peat construction majority of the dyke. Its N end is lost in a boggy, deep reed-covered area to the W of the enclosure of **Feature 154** (below), although it is feasible that it may curve around to join the linear boundary dyke of **Feature 164** (below), below the derelict house of **Feature 165** (below) at Breac-achadh.

Feature 150. Enclosure. Breac-achadh. Pre-Clearance. (17/11/02).

Grid Reference: 284758 911618. SMR Reference: None.

Feature is: 5m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

5m to the SE of the existing access track, a three-sided grass-covered, bank-walled structure, defines possibly an enclosure of sorts or former shelter. Structure dimensions are 9m x 8m, with the long, NW side trending 042° and the SE side is open and faces onto an open grazing meadow, gently sloping to the SE. The broad walls, which are spread to 1.5m thick and 0.7m high, are constructed of substantial boulders, now mainly overgrown with short, grazed grass.

Feature 151. Clearance Cairn. Breac-achadh. Pre-Clearance. (17/11/02).

Grid Reference: 284751 911611. SMR Reference: None.

Feature is: 20m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

A single linear (approx 5m x 1m x 0.6m high) clearance cairn is located 10m downhill and to the SE of the open side of **Feature 150** (above).

Upper Breac-achadh

Feature 152. Fence Remains. Breac-achadh. Post-Clearance. (31/12/02).

Grid Reference: 284757 911634. SMR Reference: None.

Feature is: Cut by the Existing Access Track at 284757 911634.

Feature Appears on OS Map: 1:10560 2nd Edition (1904) and subsequent revisions.

Former post and wire fence line, marked by a narrow, faint upstanding ridge and remains of post stubs and coils of rusty wire on the ground. This former fence line is cut by the existing access track and trends obliquely across the grassy and reedy meadow to its S corner at 284829 911572, and NE to its E corner at 284862 911620. Its NE side has a small ditch on its NE side.

Feature 153. Enclosure (rounded). Breac-achadh. Pre-Clearance. (31/12/02).

Grid Reference: 284845 911657. SMR Reference: None.

Feature is: 60m to the SE of Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and 2nd Edition (1904).

Centre of old rounded enclosure/sheepfold set on generally even, gently SW-sloping, reedy and grassy meadow area, within the enclosed area bounded by the linear boundary dyke of **Feature 164** (below). It is slightly oval in shape, being 14m x 10m internally, with its long axis trending 024° . Its bracken and grass-covered, jumbled stone walls are spread up to 1m thick and survive to 0.6m high at its N side, but are generally slightly lower elsewhere. An entrance is not apparent.

Feature 154. Enclosure. Breac-achadh. Pre-Clearance. (28/12/02).

Grid Reference: 284795 911783. SMR Reference: NC81SW0061 (part of).

Feature is: 45m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

The lower gable end of the longhouse of **Feature 156** (below) forms the NW wall of an attached small, sub-rectangular enclosure, the interior of which is now very boggy and reedy. The partially grass-covered, stone-built enclosure walls are very substantial, standing perfectly straight and squat, 0.8m high and 1m thick, but peter out at its SW corner in a boggy, reed-covered area. The enclosure is 17m x 12m, with a chamfered NE corner, and its long sidewalls trend 163° , parallel to the longhouse remains of **Feature 156** (below), down a 5° slope in reed-covered ground.

Feature 155. Building Remains. Breac-achadh. Late 19th C. (28/12/02).

Grid Reference: 284802 911783. SMR Reference: NC81SW0061 (part of).

Feature is: 55m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 2nd Edition (1904) and subsequent revisions.

Within the enclosure of **Feature 154** (above), there are the wooden remains of a possible former building (indicated as roofed on the OS 2nd Edition), strewn about the interior. No exact footings are visible in this thick reed-covered area.

Feature 156. Building Remains. Breac-achadh. Pre-Clearance. (28/12/02).

Grid Reference: 284791 911795. SMR Reference: NC81SW0061 (part of).

Feature is: 65m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

NW corner of longhouse, measuring 13m x 4m, to the SW of the adjacent longhouse of **Feature 157** (below). The footings survive to 0.4m high and are tumbled to 1m thick. The sidewalls trend down a 5° slope bearing 163° . Possible entrances occur opposite each other on each sidewall, 5m down from the upper gable end, where the heather cover in the upper section gives way to grass on the lower section. The upper gable end is 1m thick and the lower gable end is 1.2 m thick and wider, at 5m, than the upper gable.

Feature 157. Building Remains. Breac-achadh. Pre-Clearance. (28/12/02).

Grid Reference: 284802 911826. SMR Reference: NC81SW0061 (part of).

Feature is: 80m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

NE corner of longhouse, marked by a prominent boulder, set on a broad, low, glacial knoll to the NW of the derelict house of **Feature 165** (below) at Breac-achadh, and NE and uphill of the adjacent longhouse of **Feature 156** (above). The long sidewalls of the footings trend 29m down a 7° slope and bear 165°, are 0.3m high and up to 0.8m thick, although the 3m wide, upper gable end is 1.2m thick and the narrower (2.7m wide) lower gable end is 1m thick. The upper part of the house remains are covered in grass, while the lower part is heather-covered, making the lower walls difficult to determine, although individual boulders are occasionally apparent. A possible entrance exists centrally on the W side.

Feature 158. Linear Boundary Dyke. Breac-achadh. Pre-Clearance. (28/12/02).

Grid Reference: 284769 911859 to 284937 911902. SMR Reference: None.

Feature is: Cut by the Existing Access Track at 284942 911902.

Feature Appears on OS Map: No.

Intersection of low, broad, peat turf boundary dyke, which has an associated watery ditch on its uphill, NW side, with modern plantation fence. It is around 1.5m wide and 0.4m high, and from this location trends 066°, obliquely across a boggy, heather-covered, SE-dipping slope, to a slight bend at 284853 911902, where the ditch is 2m from the bank. From this location, N of the derelict house of **Feature 165** (below) at Breac-achadh, it trends E to 284937 911902, where it ends 5m to the W of the existing access track, but would originally probably have joined with the peat turf bank of **Feature 170** (below), directly opposite on the E side of the track, prior to the formation of the track in the 1950s.

Feature 159. Linear Boundary Dyke. Breac-achadh. Pre-/Post-Clearance? (28/12/02).

Grid Reference: 284817 911840. SMR Reference: None.

Feature is: 70m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

Low, peat turf bank, with associated watery ditch on its N side, possibly acting as drainage at the rear and to the N of the derelict house of **Feature 165** (below) at Breac-achadh. The bank is 1-2m wide and 0.4m high and trends uphill 286° across a hummocky, grassy, lower area and heathery, upper area, to intersect with the modern plantation fence, 15m to the SW of its E corner, and downhill 093° for 30m, where it peters out in a boggy area.

Feature 160. Hut Circle. Breac-achadh. Pre-Historic. (28/12/02).

Grid Reference: 284863 911893. SMR Reference: None.

Feature is: 70m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

Centre of the vague outline of a possible hut-circle, set on a small, low, broad knoll in this grassy/reedy, hummocky area to the rear of the derelict house of **Feature 165** (below) at Breac-achadh. The walls show no sign of stonework, but are grass and moss-covered, spread to 2m thick and stand 0.3m high, above the lower, hummocky interior, and the interior dimensions are 9m x 7m, with the long axis trending 113°. There is a vague, possible entrance opening to the S. Whilst being somewhat inconclusive, this structure is set in a position on which a hut-circle might occupy.

Feature 161. Building Remains. Breac-achadh. Early Pre-Clearance. (28/12/02).

Grid Reference: 284840 911873. SMR Reference: None.

Feature is: 90m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

NE corner of similarly vague, ?early longhouse, with possible outshots opposite each other, on the 166°-trending sidewalls. Set on a broad low, grassy knoll, to the SW of the vague hut circle of **Feature 160** (above), it measures 18m x 4m, with the NW gable end being narrower at 3.5m. The outshots are placed slightly to the NW of the centre of the sidewalls and extend out 2m on the NE side and 3m on the SW side, both being around 3.5m wide. The grass-covered walls are spread to 1m wide in places and are bowed outwards on the lower part of the NE side and stand 0.4m high. The interior of the structure is set slightly lower than the exterior and there is a possible entrance in the NE outshot sidewall.

Feature 162. Corn-Drying Kiln Remains. Breac-achadh. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 284840 911714. SMR Reference: None.

Feature is: 6m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

Grass-covered, stone and turf-walled corn-drying kiln (see **Plates 21 & 22**), measuring 8m x 4m, with typical semi-circular upper, N end, forms a prominent structure set on a gently S-sloping, grassy meadow, 6m to the S of the existing access track, below the derelict house of **Feature 165** (below) at Breac-achadh. Its walls are spread to 1m wide and are 0.5m high, its long sides trend 012° and the rectangular, lower end contains a boulder tumble. The bowl is 0.4m deep, and a small pit has been cut into this upper, N rounded end and the whole structure is completely covered in grass.

Feature 163. Clearance Cairn. Breac-achadh. Pre-Clearance. (17/11/02).

Grid Reference: 284860 911724. SMR Reference: None.

Feature is: 5m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

Grass-covered oval-shaped clearance cairn is set on the grassy meadow area (see **Plate 22**), 5m to the S of the existing track, and below the derelict house of **Feature 165** (below) at Breac-achadh. It measures 6m x 2m, is 0.5m high at its N end and trends 178°, down the gentle S-sloping, grassy meadow.

Feature 164. Linear Boundary Dyke. Breac-achadh. Pre-Clearance. (06/12/02 & 31/12/02).

Grid Reference: 284866 911741 to 284839 911499. SMR Reference: NC81SW0061 (part of).

Feature is: Cut by the Existing Access Track at 284866 911739.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

High-angled corner of grass-covered, low, broad bank trends 289° for 35m into a reedy, boggy area and 178° downhill across a grass meadow area to 284876 911562, where it bends to join with the NE corner of the more substantial enclosure wall of **Feature 143** (above) at 284839 911499. The bank is cut by the existing access track, 2m to the S of this original corner (see **Plate 22**), below the derelict house of **Feature 165** (below) of Breac-achadh. At its upper end, it is approximately 2m wide and 0.4m high, but at the lower end it narrows to 0.8m wide and stones are visible in its construction, protruding through the grass cover, and in places it is somewhat vague as it crosses over tussocky, grass-covered, hummocky terrain.

Feature 165. Building (Derelict). Breac-achadh. Late 19th C. (27/01/03).

Grid Reference: 284855 911768. SMR Reference: None.

Feature is: 30m to the NW of Existing Access Track.

Feature Appears on OS Map: 1:10560 2nd Edition (1904) and subsequent revisions.

SW corner of a derelict house at Breac-achadh (see **Plates 21 & 23**), which is 30m to the W and N of the existing access track. Its main elevations are constructed of dressed stone and its slate roof is still mainly intact. There are later additions to the S, front elevation (roofed corrugated-iron porch), to the E, side

elevation (brick-built, now unroofed outhouse) and to the N, rear elevation (stone-built, now unroofed outhouse).

The main house walls measure 11.5m (trending 115°) x 5m, are 2.8m high, and the front, S elevation has two 0.7m wide, 1.2m high window frames, equally spaced, 2.1m in from the corners, and 1.1m above ground level. The rear, N wall, has a 0.6m wide and 1.0m high window placed centrally, 1.0m above ground level. A drain hole, for an internal boiler, placed internally behind the W gable fireplace, is visible in the external W gable wall.

The centrally placed corrugated-iron porch on the S elevation is 1.6m wide, extending 1.3m from the main front wall of the house and is 2.6m high, sloping down to 2.2m high at the front. A doorway (door missing) opens to the W and a 0.7m wide and 0.8m high window frame faces S, 1.2m above ground level.

The 2.4m long, brick-built, lean-to attached to the E end wall, is set back 0.4m from the SE corner, and extends 1.6m out from the main gable wall. A doorway (door missing) opens to the S, and a 0.7m wide and 1.2m high window frame faces N, 0.8m above ground level. The lean-to is 2.6m high where it attaches to the E gable wall of the house, sloping down to 1.6m. The walls show evidence of being harled with mortar.

The 5.3m long, stone-built, rear lean-to attached to the W end of the rear, N wall, extends 3.0m and the roof frame slopes down from the main house eaves to 1.8m high on its N side. A doorway (door missing) opens to the W, adjacent to the main house wall and a 0.4m wide and 0.6m high window frame is located 1.9m in from the NW corner, 1.1m above ground level.

The main house has three, equally spaced, skylight frames in its S-facing roof section, and stone-built chimneys are placed above the centres of both gable ends above internal fireplaces. Sporadic remains of cast-iron roan pipes remain and the gable-end wooden eaves are still in place.

Internally, there is a small front reception room, two equal-sized, wing living rooms with gable fireplaces (the W one has a back boiler) and a rear kitchen/scullery/washroom containing the remains of a water piping system connected to the boiler. Centrally placed stairs rise to an upper floor of one large room area.

Feature 166. Garden Area. Breac-achadh. Late 19th C. (27/01/03).

Grid Reference: 284850 911757. SMR Reference: None.

Feature is: 18m to the NW of Existing Access Track.

Feature Appears on OS Map: 1:10560 2nd Edition (1904) and subsequent revisions.

NW corner of enclosed, rectangular, former garden, set on S-sloping grassy area to the front and S of derelict building of Feature 165 (above). The garden area measures 20m x 10m and its N boundary is 5m from and parallel with the S, front side of its associated former house. The garden walls are completely grass-covered and are 0.5m wide and 0.3m high, and the long sides trend 115°.

Feature 167. Platform. Breac-achadh. Late 19th C. (17/11/02 & 27/01/03).

Grid Reference: 284878 911736. SMR Reference: None.

Feature is: 10m to the N of the Existing Access Track.

Feature Appears on OS Map: No.

Small, stone-lined, recessed platform, dug into grassy S-dipping slope, 3m x 1.5m, 0.6m deep at its rear, upper (N) end, with a level, grass-covered platform interior and an open (S) end (see Plate 24). Its sidewalls trend 017°. Its use is unclear, but it is reminiscent of a roadside milk churn stand, occasionally found in other areas of the countryside. This structure's open end faces towards the existing access track, and is 10m to its N, and it is associated with the nearby derelict house of Feature 165 (above) of Breac-achadh, 20m to its NW.

Feature 168. Borrow Pit. Breac-achadh. Mid 20th C. (27/01/03).

Grid Reference: 284903 911767. SMR Reference: None.

Feature is: Adjoins the Existing Access Track.

Feature Appears on OS Map: No.

Large borrow pit, adjoining the W side of existing access track, measuring 11m across, parallel to the track, is 8m deep and 4m high. It has been cut into the knoll on which stands the derelict house of **Feature 165** (above) at Breac-achadh, which is 30m to the W.

Feature 169. Hut Oval. Breac-achadh. Pre-Historic. (06/12/02).

Grid Reference: 284975 911827. SMR Reference: None.

Feature is: 30m to the E of the Existing Access Track.

Feature Appears on OS Map: No.

30m below, and to the E of the existing access track, a hut 'oval' is set on a small, level shoulder of the E-dipping valley-side slope (see **Plate 25**). The long axis, trending 017⁰, is contour parallel and measures 11m internally. The perpendicular, shorter axis is 7m across internally. The grass bank walls are 1-1.5m thick and stand to 0.7m externally, but the raised interior floor means that the walls are only 0.3m high on the inside. Possible entrances exist at each end of the long axis, in the N and S.

Feature 170. Linear Boundary Dyke. Breac-achadh. Pre-Historic? (06/12/02).

Grid Reference: 284956 911896. SMR Reference: None.

Feature is: 6m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

High-angled corner of broad, low grass-covered bank, possibly associated with the hut 'oval' of **Feature 179** (above). It trends from this location, downhill towards 093⁰, with an associated ditch on its N side, and is 2m wide and 0.4m high. To the SW, it is parallel to the existing access track, which is 6m above to the NW. It appears to amalgamate with the track spoil and is soon lost to the SW.

Feature 171. Clearance Cairns. Breac-achadh. Pre-Historic. (30/12/02).

Grid Reference: 284724 911964. SMR Reference: None.

Features are: 225m to the NW of the Existing Access Track.

Feature Appears on OS Map: No.

Uppermost, moss and heather-covered clearance cairn, in a field of 7 below and to the E. They are <1m high and 2-3m in diameter, set on the upper part of a moderate to gentle, SE-sloping hillside, to the NE of a modern plantation. There is no trace of any associated settlement, but the adjacent plantation may obscure this.

Upper Breac-achadh – Ristocky

Feature 172. Pit. Breac-achadh. Pre-Clearance? (28/12/02).

Grid Reference: 284936 911944. SMR Reference: None.

Feature is: 10m to the W of the Existing Access Track.

Feature Appears on OS Map: No.

10m to the W of the existing access track, a 1.5m diameter, 0.5m deep, perfectly circular pit is dug into a gently SE-dipping, heather-covered slope, adjacent to a frequently used deer path. Its origin, use and date are uncertain, but it certainly appears to be a man-made structure and has a low spoil lip, 0.5m wide, around its perimeter.

Feature 173. Clearance Cairn. Allt Smeòrail. Pre-Historic? (27/01/03).

Grid Reference: 284968 912004. SMR Reference: None.

Feature is: 10m to the E of Existing Access Track.

Feature Appears on OS Map: No.

Grass and heather-covered, oval, whale-back shaped, peat mound, measuring 6m x 4m x 1m high, trending 004° parallel to the hillside contours. Its upper side is steeper than its lower side and there is no stone visible in its construction. It is set on the heather-covered, moderately ESE-sloping valley-side of Allt Smeòrail, and the existing access track is 10m to the W and uphill from the mound. No associated settlement is visible in the vicinity; however, it may be obscured by an adjacent forestry plantation to the NW.

Feature 174. Stone-Lined Burn. Allt Smeòrail. Pre-Clearance. (06/12/02 & 27/01/03).

Grid Reference: 285002 912112 to 285098 912070. SMR Reference: None.

Feature is: 1m to the E of the Existing Access Track.

Feature Appears on OS Map: No.

Small, E-flowing tributary burn of Allt Smeòrail in a 1m deep gully, appears to have a roughly, stone-lined bank, 0.8m high and 0.7m wide on its N side only. This may have been purposely constructed for support or maybe just placed as a result of excavating the burn channel to improve flow and loading the spoil on the bank side. The lining ceases at the break of slope as the burn rushes down the steep face of the slope down to the lowest river terrace.

Feature 175. Clearance Cairn. Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285069 912118. SMR Reference: None.

Feature is: 45m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

Bracken-covered clearance cairn, 0.3m high, 2m x 1m, with its long axis trending 110° downhill, comprising of cobbles and some boulders, on deep heather-covered, gently SE-sloping valley-side of Allt Smeòrail.

Feature 176. Clearance Cairn. Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285083 912136. SMR Reference: None.

Feature is: 45m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

Heather-covered, 2m diameter clearance cairn, 0.7m high, comprising large boulders, set on a bracken-covered, gently SE-sloping valley-side of Allt Smeòrail.

Feature 177. Enclosure (angular). Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285100 912142. SMR Reference: None.

Feature is: 60m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

NW corner of a small, 10m x 10m square, deep heather and bracken-covered enclosure, with tumbled walls surviving to 0.6m high and 1.5m wide, the most prominent being the N and S, downhill-trending. The upper, W wall is almost level with the exterior ground surface and drops 0.5m into the interior, and the lower, E wall has little trace – maybe it has fallen down the steep side of the river terrace, directly below. The N wall exposes a good cross section in its original construction. It is 0.9m wide, with large boulders forming the exteriors and there is an internal rubble fill.

The walls trend 010° (contour parallel) and 100° (slope parallel). The NW interior corner has been later re-used as a deer-stalking hide, with stone robbed from the enclosure to form a 2m x 2m square, open to the S. The enclosure is set on a heather-covered, gently SE-sloping terrain, on the shoulder of the steeply incised Allt Smeòrail river valley below.

Feature 178. Linear Boundary Dyke. Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285100 912142 to 285098 912165. SMR Reference: None.

Feature is: 60m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

From the NW corner of **Feature 177** (above), set on the edge of the break of slope, dropping steeply down to the river terrace below, is a 1m wide and 0.5m high spread jumble of large boulders forming a dyke. The dyke trends N towards a small tributary of Allt Smeòrail, but stops 20m short of it.

Feature 179. Corn-Drying Kiln Remains. Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285054 912169. SMR Reference: None.

Feature is: 3m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

Bracken-covered corn-drying kiln, 3m to the SE of the existing access track (see **Plate 26**), set on very gently, E-sloping, bracken-covered ground, 20m to the S of a small, E-flowing tributary of Allt Smeòrail. It is 8m long and 4m wide, with a typical, rounded upper (NW) end. Its stone-lined bowl at its upper, NW end is 0.7m deep, with stone and turf walls approximately 0.7m thick and 0.7m high, and a stone lintel survives above the flue and separates it from the lower, rectangular area. The stone walls of this lower area are 0.4m thick and survive to 0.6m high at its lower end, and there is a possible entrance towards the E end of the N side. The sidewalls trend 108° .

Feature 180. Linear Boundary Dyke. Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285076 912193 to 285141 912183. SMR Reference: None.

Feature is: 20m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

A single line of boulders lines the N edge of the top of the steeply-incised valley of a small, E-flowing tributary of Allt Smeòrail, defining the break of slope. The line follows the edge as it wavers down the small valley, and it has a 3m long, boulder dyke offshoot trending SW at the base of the break of slope, on the heather and bracken-covered lower river terrace. To the E of here, a 1m wide and 0.5m high spread tumble of small boulders, set 3m to the S of, and parallel with the small tributary, continues across the river terrace to the edge of the W bank of Allt Smeòrail, opposite the beginning of another boundary dyke on its E bank.

Feature 181. Enclosure (angular). Allt Smeòrail. Pre-Clearance. (17/11/02).

Grid Reference: 285092 912218. SMR Reference: None.

Feature is: 30m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

SW corner of rectangular enclosure, set to 5m to the S of the later circular sheepfold of **Feature 182** (below). It is 13m x 11m, with its long sidewalls trending 010°. Its walls of cobbles, covered in moss, heather and bracken, are now spread to 1m wide and stand to a maximum height of 0.7m, and the N wall is barely visible. It is probable that stone from this enclosure, especially the closest N wall, was incorporated into the adjacent circular sheepfold.

The enclosure is set on the SW side of a broad, thick bracken-covered, grassy and mossy knoll, enclosing its summit, and is bounded by an E-flowing tributary of Allt Smeòrail to its S and the steeply incised Allt Smeòrail valley-side to the E.

Feature 182. Sheepfold (circular). Allt Smeòrail. Post-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285099 912249. SMR Reference: None.

Feature is: 19m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

Robust circular sheepfold, in a very good state of preservation, coursed with angular stone blocks (see **Plate 27**). The wall is 1.5m high, and 1.0m thick at its base, tapering to 0.5m at its top, and its internal diameter is 11m. Its entrance opens to 282° on the uphill side, and was originally 0.7m wide. There has been slight collapse for a distance of 1.5m at both sides of the entrance. The sheepfold is set to the N of the earlier, rectangular sheepfold of **Feature 181** (above), on the S side of a deep bracken-covered broad rounded knoll, with the steep-sided Allt Smeòrail valley to its E.

Feature 183. Linear Boundary Dyke. Allt Smeòrail. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285126 912427. SMR Reference: None.

Feature is: 1m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

Bracken and heather-covered, peat turf bank corner, trends 134° down a heather-covered hillside for 30m (see **Plate 28**), then turns to trend 120° down the steeply SE-sloping Allt Smeòrail valley-side, and across the lowest river terrace to the edge of the W bank. The upper section is preferentially covered in bracken, which makes it very distinctive on this deep heather covered hillside, and it is 1m wide and 1m high on its downhill, NE side. The middle section is lower in height and made of boulders embedded end-on into the peat, presumably in order to stabilise it on this steep valley-side slope. The section on the lowest river terrace is heather and bracken-covered, is 0.8m wide and 0.6m high and comprises boulders. It is lost to the N, adjacent to the E side of the existing access track, maybe being incorporated into the marginal track spoil.

Feature 184. Linear Boundary Dyke. Allt Smeòrail. Pre-Clearance. (06/12/02, 28/12/02 & 27/01/03).

Grid Reference: 284819 912441 to 285347 912732. SMR Reference: None.

Feature is: Cut by the Existing Access Track at 285143 912608 & 285179 912633.

Feature Appears on OS Map: No.

Intersection of broad and low, peat turf bank with modern plantation fence at 284819 912441, 6m to the SE of its N corner. It is 1.0m wide and 0.5m high, and some stone is visible within it on drier ground. It has an associated ditch, on its uphill NW side, which is very boggy and water-filled over this section. It is less prominent in this boggy, more irregular ground, but trends from here NE to 284839 912458 and on, across young heather-covered, well-drained ground, to 284947 912512, on the brow of a small hill, where it has degraded to become a very broad and low feature, being 1.5m wide and only 0.2m high. From here, this less prominent dyke continues with a boggy strip to its NW, uphill side, directly down the SW valley-side of a small E-flowing tributary of Ristocky Burn to its bank at 285037 912549.

On the NE side of the tributary burn, it trends 059° over the crest of a SE-plunging ridge to 285099 912591 (see **Plate 29**), where it forms the NW boundary of **Feature 216** (below). Here the bank is 1-2m wide and 0.5m high, with a shallow, narrow, dry ditch on its uphill, NW side. From this location, the bank, probably a head dyke associated with the pre-clearance settlements of the valley, trends 066° obliquely downhill to become a more prominent bank with visible stone and greatly emphasised by its cover of bracken, which grows exclusively on the linear feature as it crosses the surrounding heather-covered terrain. The bank is cut obliquely by the existing access track on the SW side of Ristocky Burn, crosses the burn at 285153 912611, around 5m to the SE of the track, and is cut obliquely again by the track above the enclosure of **Feature 214** (below) at 285179 912633.

From the intersection with the track on the N side of Ristocky Burn, the more prominent bank and the ditch trends up and over the broad, short heather-covered hill flank above the township of Ristocky to 285222 912662. The ditch is 1m deep in this section, having been eroded by faster flowing water on this steeper W-dipping slope as it rushes down into Ristocky Burn. As the 1m wide bank climbs up the higher, heather-covered, drier ground, stone is visible amongst the peat turf, and it has reduced in height to 0.4m, and has a narrow ditch on its uphill NW side at 285306 912715. It continues to trend NE, across the crest of a broad, whale-backed ridge, to terminate at the W bank of a small, S-flowing tributary burn of Allt Smeòrail, between Badan and Ristocky, at 285347 912732.

Quarry Site 1 (Between Breac-achadh & Ristocky)

Feature 185. Hut Circle. Ristocky Burn. Pre-Historic. (28/12/02).

Grid Reference: 284968 912410. SMR Reference: None.

Feature is: 140m to the NW of the Existing Access Track.

Feature is: 180m to the SE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Centre of the vague outline of a 9m internal diameter hut circle, unusually set on gently, SE-sloping, broad, hummocky landscape, overlooked by two adjacent knolls to the N and E. Heather-covered walls of peat turf, with no visible stonework, are 1.5m thick and up to 0.4m high. There is a possible entrance opening towards 254° and its most prominent walls lie on the NE side, on the SW side of a small, broad valley. The interior area is uneven, with a large hummock in the centre.

Feature 186. Hut Circle. Ristocky Burn. Pre-Historic. (28/12/02).

Grid Reference: 284919 912466. SMR Reference: None.

Feature is: 195m to the W of the Existing Access Track.

Feature is: 120m to the S of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Centre of unusual, 'pea-whistle'-shaped and possibly later-adapted, 7m internal diameter hut circle, the presence of which strengthens the case for the adjacent, lower hut circle, of **Feature 185** (above), to be less conjectural. It is constructed on a levelled platform, on a 7° S-sloping, heather-covered hillside, so that its well-preserved, prominent walls on the lower, SW, S and SE sides, are up to 2.5m wide and 1m high. The unequivocal, 1m wide entrance opens to 162° on the downhill side and is accentuated by flanking high peat turf walls.

The walls of the rectangular part of the hut 'circle' extend out 9m towards 235°, perpendicular to the tangent of the SW part of the circle and join the NW part, parallel to this, as a tangent to the circle, and is 5m wide. It could be a later adaptation or an unusual original design. The walls of the rectangular part are thinner and lower than those of the majority of the ¾-circular part, being <1m wide and 0.4m high and are covered in deep heather.

Feature 187. Clearance Cairns. Ristocky Burn. Pre-Historic. (28/12/02).

Grid Reference: 284925 912447. SMR Reference: None.

Feature is: 180m to the W of the Existing Access Track.

Feature is: 140m to the S of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Set below, in an arc around S side of the hut circle of **Feature 186** (above), are 6 clearance cairns, approximately 1.5m diameter x 0.6m high. The stone and turf bank head dyke of **Feature 184** (above), passes 30m to the NW and uphill of the hut circle.

Feature 188. Bridge. Ristocky Burn. Late 19th/Early 20th C. (28/12/02).

Grid Reference: 285044 912547. SMR Reference: None.

Feature is: 70m to the W of the Existing Access Track.

Feature is: 150m to the ESE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Remains of an old wooden footbridge of simple cross-member and slat construction, 1.5m wide x 1.5m across, crossing a small tributary burn of Ristocky Burn. It is 8m downstream of the intersection of the prominent turf bank head dyke of **Feature 184** (above) and the burn. This bridge would have been used when only a footpath/small track existed this far up the valley until the 1950s, when the well-constructed existing access track downhill and to the E was formed.

Feature 189. Shieling Remains. Ristocky Burn. Pre-Clearance. (28/12/02).

Grid Reference: 285054 912581. SMR Reference: None.

Feature is: 65m to the NW of the Existing Access Track.

Feature is: 150m to the E of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Centre of small, oval shieling, measuring 2.6m x 1.8m internally, with its long axis trending 170° downhill, and a possible 0.3m wide entrance in the W (see **Plate 29**). Its interior is dug 0.3m below the surrounding ground surface level, and the edges of the rim are lined with several flattish stones on their sides, vertically aligned in an array pointing towards the centre of the structure.

The shieling is set in a small, sheltered, dry valley, to the E of a nearby, larger valley with a burn which is a tributary of Ristocky Burn, and is 12m N of the prominent turf bank head dyke of **Feature 184** (above).

Feature 190. Hut Circle. Ristocky Burn. Pre-Historic. (28/12/02).

Grid Reference: 285009 912876. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Centre of well-denuded hut circle on a prominent knoll, set high above the W bank of Ristocky Burn on heather and grass-covered, moderately S-sloping hillside. The area around and including the hut circle itself has been recently burned, which aids in its identification. Stones are visible protruding through the peat turf walls, especially on the prominent, downhill S side. The walls survive to 0.8m high for a 2m length on its E side, but generally form a 2-3m wide circular ridge, rising only to 0.4m high for the rest of the outline. Its internal diameter is 6m and its entrance opens to 156° and clearance cairns of **Features 192** to **194** (below) are visible on the slopes below to the S.

Feature 191. Linear Boundary Dyke. Ristocky Burn. Pre-Historic? (28/12/02).

Grid Reference: 285009 912888. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

A possible, later-enhanced ditch, with a low, peat turf bank on its S side, 5m to the N of the hut circle of **Feature 190** (above), drains a boggy area to its NW and trends downhill obliquely to 285082 912881, terminating on the W bank of Ristocky Burn.

Feature 192. Clearance Cairn. Ristocky Burn. Pre-Historic. (28/12/02 & 27/01/03).

Grid Reference: 284988 912812. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

3m diameter and 0.8m high, heather-covered, peat mound, set 67m to the S of the hut circle of **Feature 190** (above), on a gentle E-sloping, boggy, grass-covered hillside.

Feature 193. Clearance Cairn. Ristocky Burn. Pre-Historic. (27/01/03).

Grid Reference: 284993 912835. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

3m diameter and 0.8m high, heather-covered, peat mound, set 44m to the SSW of the hut circle of **Feature 190** (above), on a gentle E-sloping, grass-covered hillside.

Feature 194. Clearance Cairn. Ristocky Burn. Pre-Historic. (27/01/03).

Grid Reference: 285011 912840. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

3m diameter and 0.8m high, grass-covered, peat mound, set 36m to the S of the hut circle of **Feature 190** (above), in the centre of a wide, natural, grass-covered, channel on gentle E-sloping hillside. Occasional stone is visible in this mound.

Feature 195. Pit. Ristocky Burn. Pre-Clearance? (27/01/03).

Grid Reference: 285027 912922. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Cut into the SE face of a 5m wide, SW-NE trending 20° slope which breaks an otherwise gently SE-sloping hillside, is a 3m diameter and 1m deep pit. There is a 0.4m high spoil lip on its downhill, SE rim. The hillside above the pit is covered in recently burned heather and the hillside below has a vegetation cover of rough grass and reeds. It is unsure to what this feature is related, being a great distance from any settlement other than the hut circle of **Feature 190** (above), 50m to its SSW, which it appears to greatly post-date.

Feature 196. Peat Cuttings. Ristocky Burn. Pre-Clearance. (27/01/03).

Grid Reference: 285061 912714. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the NE of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

W corner of old peat cuttings, cut into the gently SE-sloping valleyside of the W bank of Ristocky Burn. The SW side trends SE and the NW side trends NE towards the burn.

Feature 197. Clearance Cairn (possible). Ristocky Burn. Pre-Clearance. (27/01/03).

Grid Reference: 285068 912654. SMR Reference: None.

Feature is: 80m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

A 3m diameter and 1m high peat mound, set on a 10° E-sloping grass, sedge and heather-covered hillside, 70m to the NNW of the building remains of **Feature 216** (below), and outwith the head dyke of **Feature 184** (above). There is a single small stone visible in its construction. It is unsure whether this is a natural feature or an isolated clearance cairn; no other related features were observed in its proximity.

Feature 198. Peat Cuttings. Ristocky Burn. Pre-Clearance. (28/12/02).

Grid Reference: 284898 913163. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

SW corner of old peat cuttings in a boggy, gently SE-sloping section of ground between Ristocky Burn, immediately to the SW, and a smaller, un-named burn to the NE. From this location, the SW side of the cuttings trends 319° uphill for 40m, where it turns to the NE for its width of 14m. The NE side extends 50m downhill from the N corner, and the S side is orientated W-E.

Feature 199. Peat Cuttings. Ristocky Burn. Pre-Clearance. (28/12/02).

Grid Reference: 284856 913218. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

E corner of old peat cuttings, set higher up the slope from **Feature 198** (above) in a boggy, gently SE-sloping section of ground between Ristocky Burn to the SW and a smaller, un-named burn to the NE. From this location, the NE side trends 338° uphill for 8m, stepping to the SW for 2m, and continues uphill for 25m to the N corner. From this corner, the NW side is 6m wide and the SW side trends downhill for 29m, steps to the NE for 3m, before continuing downhill for 4m, making the SE end 5m in width.

Feature 200. Cairn. Ristocky Burn. Pre-Clearance. (28/12/02).

Grid Reference: 284820 913255. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Small cairn of stones on the NE side of the stone-lined bank of Ristocky Burn. The pile is 0.6m high on its SW side, being incorporated into the NE bank of the burn. It is possible that this, as well as the stone lining the 333°-trending NE bank, is clearance from the area to the NE of the burn.

Feature 201. Corn-Drying Kiln Remains. Balnacraig. Pre-Clearance. (18/08/01 & 28/12/02).

Grid Reference: 284875 913277. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Centre of bowl of well-preserved corn-drying kiln, set on the heather-burned, gently SW-sloping edge of a small boggy, reed-filled watercourse to its SW. The kiln measures 6.5m x 4m and its sidewalls trend 036°. The solid, stone walls are 1.2m thick around the upper, rounded bowl end, 1.4m thick at the flue and 0.8m thick in the lower rectangular area. The height of the bowl wall is 1m and the flue wall is 1.2m high, both being built of coursed, stone blocks. Some boulder tumble has fallen outwith the kiln from the high flue walls. A grassy interior is enclosed by the lower rectangular wall, which comprises a single course of large boulders, with a possible 0.4m wide entrance in the NW end of the SW, lower end. The bowl is 1m deep and 1.5m in diameter at its surviving highest level, narrowing to 1m wide in its rubble-filled floor.

The open flue is 1.6m long and is capped by a lozenge-shaped lintel measuring 0.8m wide, 0.4m high and at least 0.5m deep. The heather and grass-covered bowl interior is constructed of well fitting large, sub-rounded boulders.

Feature 202. Clearance Cairn. Balnacraig. Pre-Clearance. (28/12/02).

Grid Reference: 284880 913309. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Small, 3m x 1m, 0.3m high, scattered clearance cairn, comprising mainly sub-rounded cobbles with some larger boulders. It is set close to the NW edge of a cleared area to its SE and its long axis trends 056°.

Feature 203. Clearance Cairn. Balnacraig. Pre-Clearance. (18/08/01).

Grid Reference: 284967 913406. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Isolated, rectangular shaped clearance cairn, comprising large boulders. It is 4m x 3m and 1m high and could, conceivably, have been a structure, as its downhill end resembles a wall made of larger boulders. Internally, however, the remainder of the boulders are a jumbled mass.

Feature 204. Clearance Cairn. Balnacraig. Pre-Clearance. (18/08/01).

Grid Reference: 284991 913422. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Smaller clearance cairn than that of Feature 203 (above), being around 1.5m in diameter, set in deep heather. A prominent, upright central stone makes this a very visible feature.

Feature 205. Clearance Cairn. Balnacraig. Pre-Clearance. (18/08/01).

Grid Reference: 284989 913410. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Linear clearance, cairn comprising a low stone scatter, measuring 3m x 1m and trending NE-SW.

Feature 206. Building Remains. Balnacraig. Pre-Clearance. (18/08/01 & 28/12/02).

Grid Reference: 284935 913264. SMR Reference: NC81SW0048 & 54.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

E corner of building remains of the longhouse farmstead of Balnacraig, set on a 6° SE-sloping, heather-covered fall, towards a small, un-named, SW-flowing burn. A cleared area of short heather covers the broad rise between here and the corn-drying kiln remains of Feature 201 (above).

The farmstead remains are 32m long and 3.5m wide, and the outline has 4 internal divisions, dividing the internal area into 5 distinct areas; from the SE, lower end being 13m, 8m, 4m, 3m and 4m in length.

Large, single boulders mark the corners, and the lower gable wall is 1.1m thick, made of a single course of large boulders, 0.2m high. The 317°-trending sidewalls are narrower, generally being 0.8m wide, but in places rather more spread, and the upper, NW gable end is 1.0m thick and survives to 0.6m in height. The upper two internal dividing walls are each 1.0m thick and 0.5m high, however the main central division is more substantial, surviving to 1.2m in height and is 1.0m thick. This division has a centrally placed, lintel-covered recess, measuring 0.4m x 0.4m built into the SE face, 0.3m above the floor level. Whilst possibly an original storage/shelf type feature, it is also feasible that it could have been built into the remains at a later date by shepherds/keepers on the estate.

A substantial outshot, centrally placed on the SW side, extends out for 5m on a constructed platform above the level of the heather-covered cleared area, and is 4m wide. Its walls are 1.0m thick and survive to 1.0m high, and, where well preserved, its sidewalls are steeply battered and internally rubble-filled.

There is an entrance to the main section, 3m to the SE of the outshot and also an entrance placed centrally in the 2nd section from the NW end, both situated on the SW sidewall.

Feature 207. Kale-Yard. Balnacraig. Pre-Clearance. (18/08/01 & 28/12/02).

Grid Reference: 284935 913264. SMR Reference: NC81SW0048 & 54.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

A kale-yard, attached to the NE side of **Feature 206** (above), begins at a point 6.5m along the NE sidewall from the E corner, as a 1m thick, grass-topped, cobble stone dyke, retaining its elevated internal area, raised above the SE outfield area by 0.8m. It extends perpendicularly from the NE wall of the farmstead for 4m, then gently curves around to 284930 913293, before returning to join the NE wall, 3.5m SE of its N corner.

Feature 208. Cairn. Balnacraig. Pre-Clearance. (28/12/02).

Grid Reference: 284924 913251. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

A prominent, single, pink granite stone, measuring 0.7m x 0.1m x 0.25m high, resembles an unmarked headstone, set in burned heather-covered, gently SE-sloping hillside, just 13m to the SW of the S corner of the farmstead of **Feature 206** (above). The stone is orientated towards 020°, i.e. fairly close to N-S, indicating that any associated 'grave' would be lying fairly close to W-E.

Feature 209. Mound. Balnacraig. Pre-Clearance. (28/12/02).

Grid Reference: 284924 913255. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

A 2m diameter, 0.4m high, grass and moss-covered peat mound, rising above the surrounding burned heather-covered, gently SE-sloping hillside, is situated 4m to the N of the stone of **Feature 208** (above). This may lend further evidence to the possibility that this may be a burial area for the remote farmstead.

Feature 210. Linear Boundary Dyke. Ristocky Burn. Pre-/Post-Clearance. (28/12/02).

Grid Reference: 285065 913192 to 285015 913064. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: No.

Peat bank and associated ditch on its E side, trends from here towards 204° down the slope of the E side of Ristocky Burn, to terminate at its E bank. The bank is 1.5m wide and 0.4m high, and the ditch is 1m wide. From its intersection with the peat bank of **Feature 211** (below), it trends uphill towards 016° and is probably a 19th Century drainage ditch, rather than anything prehistoric.

Feature 211. Linear Boundary Dyke. Ristocky Burn. Pre-Clearance. (28/12/02).

Grid Reference: 285065 913192 to 285082 912881. SMR Reference: None.

Feature is: >250m to the NW of the Existing Access Track.

Feature is: >250m to the N of the Proposed Quarry Site No 1.

Feature Appears on OS Map: Current Landline.

From its start at its junction with the peat bank of **Feature 210** (above), a 1.5m wide and 0.4m high peat bank and associated uphill, E side, 1m wide ditch, trends 167° from here across the heather-covered, E valley-side of Ristocky Burn to 285101 913034. It changes course slightly at this location, to trend slightly more downhill to 285104 912953, and on to 285097 912918, where the ditch is now at its steepest, being 1.5m deep and 2.5m wide. The bank here is 1m high and 3.5m wide too. From this location to their end at 285082 912881, the associated features peter out on the broad, flat E river terrace of Ristocky Burn.

Ristocky

Feature 212. Borrow Pit. Ristocky. Mid-20th C. (06/12/02 & 27/01/03).

Grid Reference: 285113 912491. SMR Reference: None.

Feature is: Adjoining the Existing Access Track.

Feature Appears on OS Map: No.

Small, 2m high borrow pit, measuring approximately 6m across x 4m deep, adjoining the existing access track on its N side to the S of Ristocky Burn.

Feature 213. Enclosure (triangular). Ristocky. Pre-Clearance. (17/11/02).

Grid Reference: 285150 912507. SMR Reference: NC81SE0006.

Feature is: 20m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

Apex of small, stone walled, triangular-shaped enclosure, bounded on two sides by walls and its N side by a steep drop into a small easterly-flowing tributary of Ristocky Burn. This has been interpreted previously as a building, but the evidence for this remains unclear. Walls of rounded boulders survive to 0.4m high and 0.7m wide. Walls trend from this point 346° for 8m, and 058° for 12m, and the structure is set on gently E-sloping, heathery ground, bounded on its N side by the steep-sided burn valley, leading to Allt Smeòrail to the E.

It is possible that only the NW and the SW walls survive, the remainder having toppled into the burn during natural erosion.

Feature 214. Enclosure (angular). Ristocky. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285172 912608. SMR Reference: None.

Feature is: 9m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

SW corner of rectangular enclosure, measuring 10m x 7m, set on the gently S-sloping, heather-covered NE valley-side of Ristocky Burn (see **Plate 30**). The stone walls are 0.6m thick and are almost completely covered in moss; the long sides trend 162°. The NE corner of the structure is chamfered by 1m, and the deep bracken and heather-covered interior of the enclosure is raised above the level of the surrounding terrain to the same 0.5m height of the retaining walls.

Feature 215. Linear Boundary Dyke. Ristocky. Pre-Clearance. (17/11/02 & 27/01/03).

Grid Reference: 285165 912588 to 285214 912599. SMR Reference: None.

Feature is: 25m to the SE of the Existing Access Track.

Feature Appears on OS Map: No.

From the lip of the steep NE bank of Ristocky Burn at 285165 912588, a stone wall, spread to 1m and surviving to 0.5m high, trends 034° for 12m, turning to 053° for 16m, and runs 6m below and to the SE of the enclosure of **Feature 214** (above). Where it meets the steeper slope above and to the NE of the gentle, boggy area below the enclosure, it curves SE around the contours for 30m to 285214 912599. Its construction is of large boulders and cobbles across the lower ground, however, on the higher, steeper ground, curving around the contours, it is less discernable, being reduced to almost ground level and is almost completely moss-covered.

Feature 216. Building Remains. Ristocky. Early Pre-Clearance. (06/12/02 & 27/01/03).
Grid Reference: 285100 912590. SMR Reference: None.
Feature is: 25m to the NW of the Existing Access Track.
Feature Appears on OS Map: No.

W corner of almost completely eroded building remains, set on an exposed, short heather-covered promontory above Ristocky Burn to the N and 2m inside, and sub-parallel with the prominent, bracken-covered, turf head dyke of **Feature 184** (above). The NW sidewall is 12m long and trends 075° and the building is 3m wide. 2.5m along the SE sidewall from the S end is a 2.5m long outshot extending from the main building line for 2m, and a 0.7m wide entrance opens on this SE sidewall, 3m from the E corner.

The wall remains are no more than low, linear, peat turf mounds, although there is occasional stone protruding through, especially on the SE side. The gable walls are spread to 1.5m and the sidewalls are 0.8m thick, and none of the walls stand above 0.3m in height. Recent heather burn greatly aids its recognition.

A low mound of similar size and composition connects the W corner to the adjacent head dyke and another trends 012° from the N corner to also join the head dyke.

Feature 217. Building Remains. Ristocky. Pre-Clearance. (06/12/02 & 27/01/03).
Grid Reference: 285257 912637. SMR Reference: NC81SE0002 & 14 (part of).
Feature is: 6m to the SE of the Existing Access Track.
Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

W corner of the northernmost of the two rectangular structures, which formerly comprised the small township buildings at Ristocky. Its N gable end is 6m below and to the SE of the existing access track. Its footings of turf, with occasional visible boulders, survive to 0.4m high and 0.8m wide, and measure 21m x 3m, with an entrance 10m down from the W corner on the SW side.

The sidewalls trend 157° down the bracken and heather-covered slope to the more substantial remains of the lower gable end. The upper, NW gable end is 1.5m thick and the upper 6m of the building has been constructed on a 12° SE-dipping slope. The slope for the central 9m of the building is only 3° and it is 20° for the lower 6m. A 0.7m wide entrance opens to the WSW, on the most gently sloping part of the SW sidewall remains, 9m downhill from the W corner.

Feature 218. Enclosure/Kale-Yard. Ristocky. Pre-Clearance. (06/12/02 & 27/01/03).
Grid Reference: 285257 912637. SMR Reference: NC81SE0002 & 14 (part of).
Feature is: 11m to the SE of the Existing Access Track.
Feature Appears on OS Map: No.

Attached to the NE sidewall of **Feature 217** (above) is just the hint of a small enclosure/kale-yard, beginning at a point 5m down from the N corner, extending out at right-angles from the sidewall for 9m, then returning, initially at right-angles, then curving back to join the same NE sidewall at a point 7m up from the E corner.

The boundary is defined by a low, linear peat mound, approximately 1m wide and 0.2m high, with no stone visible in its construction.

Feature 219. Building Remains. Ristocky. Pre-Clearance. (06/12/02 & 27/01/03).
Grid Reference: 285258 912612. SMR Reference: NC81SE0002 & 14 (part of).
Feature is: 15m to the SE of the Existing Access Track.
Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

3m to the S of the lower, S end of the footing remains of **Feature 218** (above), the second, former building on this site trends 195° , more obliquely across the deep heather-covered slope, and measures 11m x 3m, but is largely overgrown by dense bracken and heather. Its gable end walls are 1m thick and 0.3m high, and

the sidewalls are slightly narrower at 0.9m, but survive to a similar height. Large, individual boulders form the lower, S gable wall and some smaller boulders are visible in the moss-covered sidewalls.

Feature 220. Enclosure/Kale-Yard. Ristocky. Pre-Clearance. (06/12/02 & 27/01/03).

Grid Reference: 285258 912612. SMR Reference: NC81SE0002 & 14 (part of).

Feature is: 15m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

A rounded enclosure, with 1m thick and 0.5m high, stone rubble-filled walls, measuring 12m (W-E) x 8m (N-S) at its maximum axes, is attached to the lower, S end of the building remains of **Feature 219** (above), joined to its SE corner and returning to the W sidewall, 2m up from the SW corner. It extends for 6m beyond the S gable end and is set on freshly burned, heather and bracken-free ground. It is of a completely different construction and maybe, therefore, age, to the kale-yard/enclosure of **Feature 218** (above).

Badan

Feature 221. Enclosure (angular). Badan. Post-Clearance? (06/12/02).

Grid Reference: 285380 912844. SMR Reference: None.

Feature is: 50m to the NW of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

NW corner of old rectangular enclosure (?sheepfold) set on a burnt heather-stubble, S-dipping 3° slope, with the N longside trending 072° from this point, parallel to the contours. The enclosure measures 10m x 8m and the stone walls survive to 0.5m high and are up to 1m thick, where tumbled on its W side. The walls are perfectly straight-sided elsewhere, and the lower, S wall acts partly as a retaining wall to the interior of the enclosure.

Adapted into the existing walls of the SE corner, a later deer-stalking 'hide', measuring 2.5m x 2.5m, with walls only 0.5m high and 0.5m wide, has been built into the interior of the enclosure.

Feature 222. Linear Boundary Dyke. Badan. Pre-Clearance. (06/12/02, 30/12/02 & 27/01/03).

Grid Reference: 285476 912876 to 285923 912910. SMR Reference: None.

Feature is: Cut by the Existing Access Track at 285570 913015.

Feature Appears on OS Map: 1:10560 1st Edition (1871).

An enhanced stone and turf bank, 1m wide and 0.6m high, and drainage ditch with flowing water on its NE side, originating from part of the natural SW bank of what, lower down, becomes a burn on the hillside to the N of the existing access track. It trends obliquely uphill on a bearing of 313° to a high-angled bend at 285418 912958 in very boggy ground, turning NE to a slight bend at 285459 912987, and onto another at 285505 913004. It continues E over the broad crest of a ridge, with a shallow, damp ditch associated with the bank on its N, uphill side to 285573 913015, where it is 2m wide and 0.3m high on freshly burned heather-covered, gently SE-sloping terrain, and it is breached by an unmade Argo-cat track 3m to the W (see Plate 31). It then trends downhill 099° to the W bank of Badan Burn at 285660 913008, adjacent to an old rowan tree standing at the side of the burn. This feature maybe a head dyke/drainage system associated with the Pre-Clearance township of Badan below, and has not been subject to any 19th Century enhancement at this location.

It recommences on the E bank of Badan Burn, adjacent to the last point, at the severe break of slope at the top of the deeply incised burn gully, and is very prominent as it rises up the steep W-sloping hillside to a slight bend at 285726 913023. It bends slightly again at 285744 913021, to trend parallel to the hillside contours in a SE direction to 285771 913007, and on to 285843 912955, where the bank is joined obliquely from below by a reed-covered, similar-sized bank, trending 143° , more steeply downhill, but still across the slope.

From here the original, broad, low, peat turf bank is 1m wide and 0.3m high, with an associated broad, shallow, 1m wide and 0.2m deep, boggy ditch on its NE, uphill side. It trends 134° obliquely across the crest of a broad S-dipping ridge to 285923 912910, and then on towards 116° , obliquely down across the valley-side on the N side of Allt Smedrail.

Feature 223. Enclosure (angular). Badan. Post-Clearance? (06/12/02).

Grid Reference: 285540 912741. SMR Reference: None.

Feature is: 37m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10560 1st Edition (1871) and subsequent revisions.

NW corner of well-constructed, rectangular enclosure (?sheepfold), set on 3° SSE-sloping, heather-covered hillside. From this point, the sidewall trends 157° downhill for 18m, and at right-angles for 11m to the edge of a small burn in a deep gully. The walls, constructed of rounded cobbles, are up to 1m thick (NW) and 1m high (SW), and the NE wall is below the raised level of the interior and built on the steep gully wall. The SW side also retains the higher level of the enclosure interior.

Feature 224. Enclosure (angular). Badan. Pre-Clearance. (06/12/02 & 27/01/03).

Grid Reference: 285617 912769. SMR Reference: NC81SE0003 & 10 (part of).

Feature is: 45m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

E corner of small, 5m x 5m, square pen, with its coarsely constructed walls of large boulders surviving to 1m thick and 0.5m high, although its lower, SE wall is only 0.6m thick and has a possible central entrance. The walls are parallel and perpendicular to the contours, the latter trend 162° down a bracken-covered 5° slope, and the pen is set at the top of a steep slope which drops down to the lower river terrace of Allt Smeòrail below, on which is constructed a small rounded pen (not visited).

Feature 225. Linear Boundary Dyke. Badan. Pre-Clearance. (06/12/02 & 27/01/03).

Grid Reference: 285610 912772 to 285605 912781. SMR Ref: NC81SE0003 & 10 (part of).

Feature is: 25m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

From the W corner of the square pen of Feature 224 (above), a stone and turf connecting wall continues along the same alignment as the pen's NW, upper wall, trending 252° for 1m, where it turns at right-angles to trend uphill 337° for 10m, to link with the S corner of Feature 226 (below).

Feature 226. Building Remains. Badan. Pre-Clearance. (06/12/02 & 27/01/03).

Grid Reference: 285594 912811. SMR Reference: NC81SE0003 & 10 (part of).

Feature is: 5m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

5m below, and to the SE of the existing access track, the NW gable of a stone walled 37m x 4m longhouse, constructed with its sidewalls trending 152° down the heather-covered 5° slope, at the small township of Badan (see Plate 32). The walls at the upper end of the longhouse (which has 2 internal divisions, before a SW-protruding outshot) are the most substantial, possibly indicating that the upper sections were in use after the lower sections had been abandoned. At the upper section, the walls survive up to 1m high and are 0.9m thick, and the first internal division defines a 4m x 4m square, upper area, then a subsequent lower internal division defines a 5m x 4m area. Below the 2nd division is the outshot, extending 5m from the SW sidewall and it is 3m wide. There is an entrance to the uppermost section on the NE side and also one to the SW side below the outshot.

Feature 227. Kale-Yard. Badan. Pre-Clearance. (06/12/02 & 27/01/03).

Grid Reference: 285594 912811. SMR Reference: NC81SE0003 & 10 (part of).

Feature is: 9m to the SE of the Existing Access Track.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

A kale-yard boundary, enclosing an area adjoining the NE side of the longhouse of Feature 226 (above), joins it at the top division on its NE side (i.e. 4m down from the N corner). From here, it trends 084° for 28m, then turns sharply to trend 164° downhill for 24m, with a ditch on its E side to a sharp corner, returning to trend 247° to join the building remains of Feature 228 (below), 6m down from its N corner on its NE side.

Its walls are raised, heather-covered peat mounds and it encloses an upper area of heather and a lower, boggy area of reeds.

Feature 228. Building Remains. Badan. Pre-Clearance. (06/12/02 & 27/01/03).
Grid Reference: 285625 912786. SMR Reference: NC81SE0003 & 10 (part of).
Feature is: 38m to the SE of the Existing Access Track.
Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

N corner of former building, parallel to the longhouse of **Feature 226** (above) and set to its S and E. It measures 14m x 4m, with its long sidewalls trending 158° down the 5° sloping, deep heather-covered hillside, with an entrance midway along its SW side. Its almost entirely moss and heather-covered stone and turf walls comprise 1.5m thick gable ends and 0.7m thick sidewalls, surviving to 0.4m high.

Feature 229. Linear Boundary Dyke. Badan. Pre-Clearance. (06/12/02 & 27/01/03).
Grid Reference: 285647 912846 to 285597 912871. SMR Reference: None.
Feature is: Cut by the Existing Access Track at 285647 912846.
Feature Appears on OS Map: No.

Low, broad, peat turf bank, with associated broad, shallow ditch on its uphill, N side, is cut by the existing access track at 285647 912846, and it trends 106° obliquely down and across the steep, heather-covered, W valley-side of Badan Burn at 285714 912838. The bank is 0.6m wide and 0.2m high, below the track, but broadens to 2m wide as it trends towards 295°, obliquely uphill to peter out at 285597 912871, where there is a possible 7m wide strip of old peat cuttings on its NE side.

Feature 230. Linear Boundary Dyke. Allt Smedrail. Pre-Clearance. (06/12/02).
Grid Reference: 285752 912875. SMR Reference: None.
Feature is: 90m to the E of the Existing Access Track.
Feature Appears on OS Map: No.

Broad, low, peat turf bank, with associated broad, shallow, dry ditch on its NW, uphill side, trends 243° obliquely down across moderate S-sloping, heather-covered hillside into the steep gully of Badan Burn to the W and continues obliquely uphill. The bank is 1m wide and 0.3m high, and its associated ditch is 1m wide and 0.2m deep.

Badan to Proposed Windfarm Site

Feature 231. Bridge. Badan Burn. Late 19th C? (30/12/02).

Grid Reference: 285653 913150. SMR Reference: None.

Feature is: 190m to the NE of the Proposed Access Track.

Feature is: 130m to the S of the Proposed Quarry Site 2.

Feature Appears on OS Map: No.

Remains of partly collapsed, old wooden bridge over Badan Burn, of simple cross-member and slat construction, 2m wide x 2m across. 3m downstream of this location, an unmade Argo-cat track fords the burn.

Feature 232. Hill Cairn. Allt Smeòrail. Late 19th/Early 20th C? (30/12/02).

Grid Reference: 286003 913271. SMR Reference: None.

Feature is: 245m to the S of the Proposed Access Track.

Feature is: 90m to the SW of the Proposed Quarry Site 2.

Feature Appears on OS Map: No.

Small, but prominent cairn, comprising angular, pinky-white, quartz-rich blocks on a high point overlooking the deep-cut Allt Smeòrail valley to the SE below. The cairn has a 2m diameter, grass-overgrown base of rock and a central rock pile, around 1m in diameter and 0.5m high. The grassy mound on which the cairn is situated is surrounded completely by fresh, young heather and the ridge from here to the NE has many small outcrops of the quartz-rich rock, and forms the proposed site of one of the three quarries.

Feature 233. Hill Cairn. Allt Smeòrail. Late 19th/Early 20th C? (30/12/02).

Grid Reference: 286133 913606. SMR Reference: None.

Feature is: 10m to the SE of the Proposed Access Track.

Feature is: 170m to the NE of the Proposed Quarry Site 2.

Feature Appears on OS Map: No.

Small cairn comprising very angular, pinky-white, quartz-rich blocks, surmounting the top of a low knoll (see Plate 33) at the NE end of the ridge linking Feature 232 (above), lying in the area of the proposed site of one of the three quarries.

Feature 234. Drainage Grips. Allt Smeòrail. Mid 20th C. (30/12/02).

Grid Reference: 286221 913773. SMR Reference: None.

Features are: Cut by the Proposed Access Track at many locations.

Feature Appears on OS Map: No.

Boggy, peaty upland plateau area is dissected by a herring-bone array of 0.4m wide and 0.5m deep, mid 20th Century drainage grips, which drain to the SW from here.

**Anemometer Site. (30/12/02).
Grid Reference: 286221 913773.**

Site of the 10m high anemometer, set on boggy, peaty upland plateau area. An unmade Argo-cat track passes 10m to its NW.

Feature 235. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286794 914217. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

Southernmost of a line of 10 (originally 11, according to OS 1:10000 scale map of 1962) grouse butts, trending NNW up the Allt Ghimmer valley floor (see Plate 34). It is 3m across x 2m deep, in a broad U-shape and has a 1m diameter internal area. The walls, entirely of peat turf, overgrown with a luxuriant cover of moss, lichen and sedge, are 1m thick and stand 0.8m high at its leading edge, and the entrance opposite opens to 102°.

It is set on gently SE-sloping, moss and sedge-covered, peat bog hillside, on the SW bank of Allt Ghimmer, which is 30m to the NE, within the area identified for the siting of the turbines.

Feature 236. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286786 914271. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This grouse butt has been degraded, so that the peat walls only survive to 0.3m high and around 0.3m thick, with a broad opening onto a grassy platform to the NW. It is set into the SE peat bank of a small tributary of Allt Ghimmer to the NE.

Feature 237. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286774 914316. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This U-shaped grouse butt is set into the E peat bank of Allt Ghimmer, using its gully as natural cover. The peat walls are 0.7m thick and 1m deep internally, with a leading exterior lip height of 0.3m. The U-shape is 3m x 3m, with its entrance opening to 214°.

Feature 238. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286762 914372. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This well-preserved, U-shaped grouse butt measures 2.5m across with 3m long sidewalls and an entrance opening to 131°. The peat walls are 1m high at the interior leading edge (0.6m high externally) and are 0.6m thick, and the butt is set on the W side of a small burn in the upper reaches of Allt Ghimmer in a broad open valley.

Feature 239. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286750 914419. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This partly degraded, U-shaped grouse butt is set into the S peat bank of a small un-named burn and the walls have been breached in two places. The best-preserved peat walls survive on the sides to 0.8m high and are 0.7m thick. The entrance opens to 334°, directly onto the burn, which is immediately behind the butt.

Feature 240. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286735 914483. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This 3m across x 2.5m deep, grouse butt is set in ground which is now very waterlogged. The peat walls are 1m high at the leading edge and are spread to up to 1m thick, and the entrance opens to 144°.

(N.B. Another grouse butt, between this feature and Feature 241 (below), is marked on the OS 1:10000 scale map of 1962, but was not found during this survey. It is likely that it has been completely eroded by a combination of the elements and deer, and an extensive peat hag pool now occupies the area).

Feature 241. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286709 914595. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This grouse butt has been eroded by the elements and deer to such an extent that it barely resembles its original shape. It is set on the N edge of a peat pool where deer congregate, on more open moorland than the others in this row, and the 2m long, 070°-trending broad arc of peat wall (?sidewall) which survives is only 0.4m high and 0.7m thick.

Feature 242. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286699 914639. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This U-shaped grouse butt has started to collapse inwards, as it is set on ground which is now very boggy and saturated. It has been dug into the peat below the surrounding ground surface level (which may be part of the reason for the collapse), on the NW bank of, and 5m from the now trickling Allt Ghimmer. It is more circular than others observed in this array, and its peat walls survive in places to 1m high internally (only 0.4m on the outside) and 0.7m thick. Its external diameter is 3.5m and its entrance opens to 139°.

Feature 243. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286685 914703. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This U-shaped grouse butt is also at an early stage of collapse at its open-ended, lower sidewalls, and measures 2.5m across and 3m deep. The leading edge peat wall still survives to 1m and is topped with long tufted grass, and all of the walls are up to 0.6m thick, with an entrance opening to 134°.

Feature 244. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286665 914803. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

The uppermost grouse butt in this row is markedly different in style to all of the others. There is no sign of any degradation - it is purely a stocky, linear butt measuring 2m x 1m, standing 0.9m high and trending 179°. It is topped with a luxuriant overgrowth of long, tufty grass and is set on a boggy, sedge-covered open moorland plateau.

Feature 245. Trench. Allt Ghimmer. Late 19th/Early 20th C? (30/12/02).

Grid Reference: 286576 914573. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: No.

Small, linear trench, cut neatly into small, dry peaty, 3m diameter knoll, sparsely covered in heather and grass tufts, surrounded by sedge-covered, peat bog on open moorland. The trench is 2m long, 0.4m wide and 0.2m deep and trends 106°. The four, perfectly cut peat sods from the trench have been placed, upturned, carefully on the N edge of the trench and a rich cover of moss and lichen has grown over them, indicating that this is not a recent cut. The purpose of this feature is unknown and baffling, but is suggested to be connected to the sporting grouse butt features, maybe feeding areas for the grouse, to encourage their presence in the vicinity of the butts.

Feature 246. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286465 914930. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

South-westernmost of a line comprising 8 grouse butts, trending NE uphill from this location. The design, size and age is similar to those of the last line of grouse butts of Features 235 to 243 (above), although the majority of the butts in this row are now 'islands' surrounded by soft, bare peat and peaty, water-filled pools, possibly as a consequence of erosion from the congregation of deer at these sites.

This grouse butt is U-shaped, measuring 3m x 3m, with peat walls up to 1m high at its leading edge and 0.8m high on its sidewalls, and 0.6m thick. Its entrance opens to 240° and the butt is set on a very gently SW-sloping moorland hillside.

Feature 247. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286492 914962. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

Set surrounded by a peat hag pool, the main peat wall of this butt is partly degraded, upstanding to 1m only for 1.5m on its leading edge. It measures 3m x 3m, the walls are 0.8m thick and its probable entrance opens to 140°.

Feature 248. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286532 914997. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This U-shaped, 3m x 3m 'island' grouse butt is very well preserved, with 0.7m high peat walls, which are 0.7m thick and its entrance opens to 201°.

Feature 249. Trench. Allt Ghimmer. Late 19th/Early 20th C? (30/12/02).

Grid Reference: 286515 915072. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: No.

A variation of the theme of Feature 245 (above). This time, however, a 4m diameter, low, dry, heather, moss and lichen-covered knoll, protruding from the surrounding, open boggy moorland, has two spade-cut trenches, perpendicular to each other, dissecting the knoll into equal quarters (see Plate 35). The arms of the cross are 2m long, 0.3m wide and 0.2m deep, and the perfectly cut peat sods (4 in each arm) have all been upturned and neatly and methodically laid in lines along the clockwise edges of each arm. The centre

sod has carefully been laid upside down, where the trenches intersect, in the centre of the cross. The trenches trend 149° and, exactly perpendicular, 059°.

Again, this is not recent work, as a quite luxuriant cover of lichen occurs both in the trench itself, but especially so on the upturned peat sods. The rate of lichen growth is not thought to be particularly high in such an exposed location at an altitude of around 400m. Also again, the purpose of this precision cut and carefully made feature remains mysterious, but is probably connected to the existence of the adjacent grouse butts.

Feature 250. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286569 915029. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

A 3.5m diameter, rounded grouse butt, surrounded on its N, W and S sides by peat hag pools. The NNW part of the peat wall is the highest at 0.7m, tapering to 0.1m high at the entrance, which opens to 191°, and the walls are 0.7m thick. The SE part of the butt is very eroded and partly collapsed. In a pool to the SW of the butt, a 300mm x 75mm x 10mm piece of wood, which is pointed at one end was found, and maybe was an indication of the reference number of the individual grouse butt for its users.

Feature 251. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286610 915068. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

Only a 2.5m broad arc of peat wall, standing 0.7m high and 0.7m thick and trending 058°, indicate the remains of this grouse butt. It is also almost completely surrounded by peaty pools of water and is set on almost level open moorland. In one of the pools on its SE side, a 300mm x 75mm x 10mm piece of wood pointed at one end, identical to that present at **Feature 250** (above), was found.

Feature 252. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286646 915107. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

This U-shaped grouse butt, measuring 3m deep by 2.5m wide, is quite degraded, with collapsed peat sidewalls. The leading wall survives to 0.7m high and up to 1m thick, but the sidewalls are only 0.4m high. The entrance, opening to 075°, is 1m wide, and this butt is surrounded by flowing water on more gently SW-sloping, open moorland.

Feature 253. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286681 915143. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

Partially degraded grouse butt, standing in what is now a wet, bare peat area, with flowing water running past it to the W (see **Plate 36**). The remains of the probable leading wall in the S stand 0.6m high and 0.7m thick and the sidewalls are fairly collapsed. It is unclear exactly where the entrance is, but it may be in the NE.

Feature 254. Grouse Butt. Allt Ghimmer. Late 19th C. (30/12/02).

Grid Reference: 286723 915182. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: 1:10000 (1962) and subsequent revisions.

Well-preserved, 3m x 3m, U-shaped grouse butt is the uppermost in this row, set into the W bank of a small burn, so that the internal height of the leading peat wall is 1m, whereas the external height is only 0.4m (see Plate 36). The walls are 0.7m thick and the entrance opens to 103°.

**Anemometer Site. (30/12/02).
Grid Reference: 287044 915638.**

Site of the 60m high anemometer, with its associated circular array of steel guy ropes, set on the broad crest of the boggy, sedge and peat-covered watershed between the Allt a'Mhuilinn valley and the Strath of Kildonan.

Feature 255. Trench. Allt Smeòrail. Late 19th/Early 20th C? (30/12/02).

Grid Reference: 287593 915028. SMR Reference: None.

Feature is: Within Proposed Windfarm Site area.

Feature Appears on OS Map: No.

Small, slightly curvilinear trench, neatly cut into a dry knoll protruding from gently SSE-sloping boggy hillside, similar to Features 245 and 249 (above). The trench, at its upper end, does not cut completely through the knoll to connect with the boggy area uphill; it starts approximately 1m into the 5m diameter knoll, but does connect with, and abruptly stops at the boggy hillside below. The trench trends downhill 154° and measures 5m long, 0.3m wide and 0.2m deep, with the carefully upturned peat sods laid neatly on the NE side of the trench. Heather and lichen grow richly on the upturned surfaces of the sods, so again, it is not a recent piece of work, and ages similarly with Features 245 and 249 (above).

Again, its purpose is very intriguing, as the orientation of the trench (i.e. downhill-trending) is not the best for containing feed and this trench is not close to any of the grouse butts previously described in Features 235-254 above.

Conclusions

The aim of this walk over survey was to determine whether there was more archaeology in the vicinity of the access track to the proposed Gordonbush Windfarm, together with its associated proposed three quarry sites and windfarm site itself, than that recorded in the survey previously commissioned.

This aim was achieved, with the result that 255 archaeological sites were recorded during the current 9 day survey, 224 of which were previously unrecorded on the Highland Council Archaeology Unit's Sites and Monuments Record. The previously commissioned survey recorded a total of 18 archaeological sites during the single day spent on the project. In the current survey, 99 features were recorded either within the 20m buffer zone either side of the proposed access route, or within the windfarm area itself, compared with the 10 sites recorded in the commissioned survey. In the current survey, 46 features were either cut by, or actually adjoined the access track or were contained within the windfarm site itself. In the commissioned survey, no recorded sites fell into this category.

It is clear from the above comparisons that there were marked differences between the results of the two surveys, both in the amount of time spent on the surveys and the recording. It could be strongly argued that it was unrealistic to expect a contract archaeologist to complete the walkover survey of this archaeologically-rich area in only one day. Had the original survey stood alone, then the archaeology of the area (99 sites of which have been subsequently discovered to be directly threatened by any progressing of the windfarm proposals as they currently stand) would have been massively under-recorded, no matter what happens with the site's future. These sites could conceivably, in the worst case, have been completely destroyed.

The location and scale of the three quarry sites, and their proposed connecting routes to and from the track, have not been sufficiently outlined by the developers to be able to assess the full impact of the complete proposals to be known. It would be useful to know the exact access routes to each of the quarries and their likely scale, especially the southernmost of the three (noted as Quarry No 1 in this report), as the archaeology is particularly sensitive in this area.

The whole area has been shown to have a rich, long-lived and very varied archaeological content, and some fascinating discoveries have been made during the current survey, many of which deserve to be followed up in much greater detail.

Recommendations

Following the recording of so much archaeology within the proximity of the proposed access route, the three quarry sites and the windfarm site itself, the following recommendations for the safeguarding of the features are made:

- Detailed routes of the proposed main access route, together with the quarry sites and their connecting access routes, should be provided at the earliest convenience to the Highland Council's Archaeology Unit for comment.
- During the construction phase, every effort should be made to avoid damaging any of the archaeological features already highlighted. Should some of these features be directly threatened, time for full excavation should be allowed and budgeted for.
- Further detailed archaeological investigation should be made into potentially threatened archaeological features in a 20m buffer zone either side of the public roads between the A9 trunk road, to the N of Brora, to Ascoile, well in advance of their use by construction traffic.

Appendix I – Summary Table of Features

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Lower Allt a'Mhuilinn (including Ascoile and Ascoilebeg)							
001	Hilltrack	Allt a'Mhuilinn	Late 19 th C with Mid 20 th C improvements	282564 910784 to 283340 912506	None	The Western Section of the Existing Access Track	All on current Landline
002	Building Remains (possible)	Ascoile	Pre-Clearance	282606 910774	None	10m to the E of Existing Access Track & cut by existing C6 public road	No
003	Linear Boundary Dyke	Ascoile	Pre-Clearance	282610 910777 to 282599 910967	None	30m to the E of Existing Access Track	No
004	Clearance Cairn	Ascoile	Pre-Clearance	282595 910829	None	30m to the E of Existing Access Track	No
005	Borrow Pit	Ascoile	19 th /20 th C?	282507 910818	None	50m to the W of Existing Access Track	No
006	Mound (possible Hut Circle)	Ascoile	Pre-Clearance	282524 910860	None	40m to the W of Existing Access Track	No
007	Ornamental Plantation	Ascoile	Early/Mid 20 th C	282508 910919	None	6m to the W of Existing Access Track	1:10000 (1966) and subsequent revisions
008	Building Remains	Ascoile	Late 20 th C	282509 910918	None	60m to the W of Existing Access Track	1:10000 (1966) and subsequent revisions
009	Building Remains	Ascoile	Late 20 th C	282504 910919	None	65m to the W of Existing Access Track	No
010	Find - Sleigh	Ascoile	Early 20 th C?	282503 910907	None	70m to the W of Existing Access Track	No
011	Path	Ascoile	Early/Mid 20 th C	282508 910919 to 282511 910992	None	65m to the W of Existing Access Track	1:10000 (1966) and subsequent revisions
012	Maze	Ascoile	Late 20 th C	282486 910943	None	90m to the W of Existing Access Track	No
013	Find – Iron Slag	Ascoile	Late 20 th C (re-used Pre-Clearance)	282482 910943	None	95m to the W of Existing Access Track	No
014	Clearance Cairn	Ascoile	Pre-Clearance	282607 910902	None	30m to the E of Existing Access Track	No
015	Clearance Cairn	Ascoile	Pre-Clearance	282590 910960	None	6m to the E of Existing Access Track	No
016	Structure (possible building?)	Ascoile	Pre-Clearance	282599 910967	None	20m to the E of Existing Access Track	No
017	Clearance Cairn	Ascoile	Pre-Clearance	282636 910970	None	50m to the E of Existing Access Track	No
018	Hilltrack (disused)	Allt a'Mhuilinn	Late 19 th C	282612 911032 to 282756 911558	None	Adjoining the Existing Access Track at 282612 911034, 282636 911221, 282662 911331 & 282755 911558	All on 1:10000 Edition (1966) and subsequent revisions

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
019	Building Remains	Ascoile	Pre-Clearance	282580 911018	None	28m to the NW of Existing Access Track	No
020	Clearance Cairn (possible dyke)	Ascoile	Pre-Clearance	282525 911016	None	60m to the NW of Existing Access Track	No
021	Building Remains	Ascoile	Pre-Clearance	282499 911006	None	80m to the NW of Existing Access Track	No
022	Building Remains	Ascoile	Pre-Clearance	282493 911004	None	60m to the NW of Existing Access Track	No
023	Find – Iron Slag	Ascoile	Pre-Clearance?	282466 911023	None	120m to the NW of Existing Access Track	No
024	Building Remains	Ascoile	Pre-Clearance	282477 910972	None	105m to the W of Existing Access Track	No
025	Platform	Ascoile	Pre-/Post-Clearance?	282455 910958	None	125m to the W of Existing Access Track	No
026	Loading Bay Area	Ascoile	Mid 20 th C	282565 911035	None	Adjoining the NW side of Existing Access Track	Current Landline
027	Finds – Iron Slag & Pot Sherd	Ascoile	Pre-Clearance?	282593 911044	None	18m to the W of Existing Access Track	No
028	Water Tank/Cistern	Ascoile	Mid 20 th C	282596 911041	None	12m to the W of Existing Access Track	No
029	Water Tank/Cistern	Ascoile	Mid 20 th C	282580 911058	None	30m to the W of Existing Access Track	No
030	Enclosure (angular)	Ascoile	Pre-Clearance	282593 911079	None	12m to the W of Existing Access Track	No
031	Linear Boundary Dyke	Ascoile	Pre-Clearance	282514 911097 to 282669 911088	None	Cut by the Existing Access Track at 282621 911091	1:10000 (1966) and subsequent revisions
032	Linear Boundary Dyke	Ascoile	Pre-Clearance	282614 911091 to 282493 911009	None	7m to the W of Existing Access Track	1:10000 (1966) and subsequent revisions
033	Linear Boundary Dyke	Ascoile	Pre-Clearance	282564 911123 to 282560 911070	None	55m to the W of Existing Access Track	No
034	Linear Boundary Dyke	Ascoile	Pre-Clearance	282578 911094 to 282584 911073	None	40m to the W of Existing Access Track	No
035	Enclosure	Ascoile	Pre-Clearance	282511 911093	None	95m to the W of Existing Access Track	1:10000 (1966) and subsequent revisions
036	Hilltrack (disused)	Ascoile	Pre-Clearance	282499 911122	None	120m to the W of Existing Access Track	No
037	Hut Oval (possible)	Ascoile	Pre-Historic?	282504 911080	None	110m to the W of Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
038	Corn-Drying Kiln Remains (possible)	Ascoile	Pre-Clearance	282504 911052	None	100m to the NW of Existing Access Track	No
039	Finds – Iron Slag & Charcoal	Ascoile	Pre-Clearance?	282502 911035	None	90m to the NW of Existing Access Track	No
040	Linear Boundary Dyke	Ascoile	Pre-Clearance	282510 911052 to 282498 911014	None	85m to the NW of Existing Access Track	No
041	Linear Boundary Dyke	Ascoile	Pre-Clearance	282494 911043 to 282474 911058	None	100m to the NW of Existing Access Track	No
042	Platform	Ascoile	Pre-Clearance	282494 911050	None	100m to the NW of Existing Access Track	No
043	Enclosure/Building Remains?	Ascoile	Pre-Clearance	282474 911058	None	130m to the NW of Existing Access Track	No
044	Linear Boundary Dyke	Ascoile	Pre-Clearance	282565 911133 to 282455 911172	None	60m to the W of Existing Access Track	No
045	Dam	Ascoile	Mid 20 th C	282548 911118	None	70m to the NW of Existing Access Track	No
046	Platform (?bloomy mound)	Ascoile	Pre-Clearance?	282472 911100	None	140m to the NW of Existing Access Track	No
047	Finds – Iron Slag	Ascoile	Pre-Clearance?	282472 911100	None	140m to the NW of Existing Access Track	No
048	Hollows	Ascoile	Pre-Clearance?	282478 911096	None	130m to the NW of Existing Access Track	No
049	Embankment	Ascoile	Pre-Clearance	282467 911095	None	140m to the NW of Existing Access Track	No
050	Channel (possible Quay)	Ascoile	Pre-Clearance	282467 911095	None	140m to the NW of Existing Access Track	No
051	Linear Boundary Dyke	Ascoile	Pre-Clearance	282471 911089 to 282486 911044	None	110m to the NW of Existing Access Track	No
052	Hydro-Electric Power-Generating Station	Ascoile	Early 20 th C	282454 911117	None	165m to the W of Existing Access Track	1:10000 (1966) and subsequent revisions

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Allt a'Mhuilinn							
053	Borrow Pit	Allt a'Mhuilinn	Late 19 th C?	282600 911036	None	5m to the E of Existing Access Track	No
054	Borrow Pit	Allt a'Mhuilinn	Mid 20 th C?	282630 911059	None	Adjoining the Existing Access Track	No
055	Borrow Pit	Allt a'Mhuilinn	Late 19 th C?	282647 911095	None	20m to the E of Existing Access Track	No
056	Borrow Pit	Allt a'Mhuilinn	Late 19 th C?	282650 911118	None	20m to the E of Existing Access Track	No
057	Linear Boundary Dyke	Allt a'Mhuilinn	Pre-Clearance	282632 911126 to 282641 911131	None	1m to the E of Existing Access Track	No
058	Hut Circle	Allt a'Mhuilinn	Pre-Historic	282767 911274	NC81SW0020 (part of)	110m to the E of Existing Access Track	1:10000 (1966) and current Landline
059	Hut Circle	Allt a'Mhuilinn	Pre-Historic	282855 911355	NC81SW0020 (part of)	160m to the E of Existing Access Track	1:10000 (1966) and current Landline
060	Hut Circle (possible)	Allt a'Mhuilinn	Pre-Historic	282721 911405	None	10m to the E of Existing Access Track	No
061	Borrow Pit	Allt a'Mhuilinn	Mid 20 th C?	282719 911416	None	Adjoins the Existing Access Track	No
062	Hilltrack (disused)	Allt a'Mhuilinn	Late 19 th /Mid 20 th C?	282896 911423	None	175m to the E of Existing Access Track	Possibly, on 1:10560 1st Edition (1871)
063	Borrow Pit	Allt a'Mhuilinn	Late 19 th C	282763 911455	None	35m to the E of Existing Access Track	No
064	Clearance Cairn	Allt a'Mhuilinn	Pre-Clearance?	282745 911466	None	30m to the E of Existing Access Track	No
065	Borrow Pit	Allt a'Mhuilinn	Mid 20 th C?	282745 911487	None	Adjoining the Existing Access Track	No
066	Chambered Cairn	Allt a'Mhuilinn	Pre-Historic	282769 911532	NC81SW0019	15m to the SE of Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
067	Clearance Cairn (possible)	Allt a'Mhuilinn	Pre-Historic?	282788 911536	None	35m to the SE of Existing Access Track	No
068	Clearance Cairn (possible)	Allt a'Mhuilinn	Pre-Historic?	282789 911556	None	40m to the E of Existing Access Track	No
069	Pipeline	Allt a'Mhuilinn	Early 20 th C	282449 911120 to 283157 912409	None	8m to the W of Existing Access Track at 282772 911696	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
070	Clearance Cairns	Allt a'Mhuilinn	Pre-Historic	283263 911469	NC81SW0020 (part of)	>250m to the E of the Existing Access Track	No
071	Borrow Pit	Allt a'Mhuilinn	Late 19 th C?	282891 911841	None	Adjoining the Existing Access Track	No
072	Peat Cuttings	Allt a'Mhuilinn	Pre-Clearance	283109 912221	None	2m to the E of Existing Access Track	No
073	Bridge	Allt a'Mhuilinn	Early 20 th C?	283156 912278	None	1m to the W of the Existing Access Track	1:10000 (1966) and current Landline
074	Hut Circle (possible)	Allt a'Mhuilinn	Pre-Historic	283196 912138	None	3m to the W of the Existing Access Track	Current Landline

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Allt a'Mhuilinn - Lower Breac-achadh							
075	Peat Cuttings	Cnoc a'Ghrianain	Pre-Clearance	283485 912326	None	Cut by the Proposed Access Track from 283556 912320 to 283641 912267	No
076	Peat Cuttings	Cnoc a'Ghrianain	19 th /20 th C?	283455 912173	None	175m to the SW of the Proposed Access Track	No
077	Peat Cuttings	Cnoc a'Ghrianain	Pre-Clearance	283603 912338	None	25m to the NE of the Proposed Access Track	No
078	Peat Cuttings	Cnoc a'Ghrianain	Pre-Clearance	283708 912387	None	60m to the NE of the Proposed Access Track	No
079	Peat Cuttings	Cnoc a'Ghrianain	Pre-Clearance	283723 912295	None	Cut by the Proposed Access Track from 283676 912245 to 283684 912238	No
080	Peat Cuttings	Cnoc a'Ghrianain	Pre-Clearance	283652 912225	None	20m to the SW of the Proposed Access Track	No
081	Drainage Grip	Cnoc a'Ghrianain	Mid 20 th C	283735 912171	None	Cut by the Proposed Access Track at 283752 912167	No
082	Drainage Grip	Cnoc a'Ghrianain	Mid 20 th C	283782 912121	None	Cut by the Proposed Access Track at 283782 912135	No
083	Drainage Grip	Cnoc a'Ghrianain	Mid 20 th C	283829 912081	None	Cut by the Proposed Access Track at 283832 912088	No
084	Drainage Grip	Cnoc a'Ghrianain	Mid 20 th C	283860 912049	None	4m to the SW of the Proposed Access Track at 283860 912049	No
085	Cairn (possible)	Allt a' Bhreac-achaidh	19 th /20 th C?	283913 912022	None	13m to the NE of the Proposed Access Track	No
086	Cairn (possible)	Allt a' Bhreac-achaidh	19 th /20 th C?	283947 912128	None	110m to the NE of the Proposed Access Track	No
087	Structure - unknown	Allt a' Bhreac-achaidh	Pre-Clearance?	284183 911997	None	190m to the NE of the Proposed Access Track	No
088	Grouse Butt	Cnoc a'Ghrianain	Late 19 th C	283418 912156	None	210m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
089	Grouse Butt	Cnoc a'Ghrianain	Late 19 th C	283441 912144	None	205m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
090	Grouse Butt	Cnoc a'Ghrianain	Late 19 th C	283479 912115	None	210m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
091	Grouse Butt	Cnoc a'Ghrianain	Late 19 th C	283528 912084	None	220m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
092	Grouse Butt	Cnoc a'Ghrianain	Late 19 th C	283574 912048	None	210m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
093	Grouse Butt	Cnoc a' Ghrianain	Late 19 th C	283613 912018	None	200m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
094	Grouse Butt	Cnoc a' Ghrianain	Late 19 th C	283659 911994	None	190m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
095	Grouse Butt	Cnoc a' Ghrianain	Late 19 th C	283702 911966	None	180m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline
096	Grouse Butt	Cnoc a' Ghrianain	Late 19 th C	283744 911923	None	180m to the SW of the Proposed Access Track	1:10000 (1966) and current Landline

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Gordonbush to Breac-achadh							
097	Hilltrack	Allt Smeòrail	Late 19 th C with Mid 20 th C improvements	284472 909675 to 285647 912937	None	(from Breac-achadh to its N end) the Eastern Section of the Existing Access Track	All on current Landline
098	Linear Boundary Dyke	Dalluch	19 th C?	284528 910509 to 284761 910364	None	>250m to the S of Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
099	Fence	Dalluch	Early 20 th C?	284721 910413 to 284781 910383	None	>250m to the S of Existing Access Track	1:10000 (1966) and current Landline
100	Linear Boundary Dyke	Dalluch	Pre-Clearance	284726 910375 to 284759 910804	None	>250m to the S of Existing Access Track	No
101	Borrow Pit	Dalluch	19 th C?	284742 910446	None	>250m to the S of Existing Access Track	No
102	Clearance Cairn	Dalluch	Pre-Historic	284761 910465	None	>250m to the S of Existing Access Track	No
103	Clearance Cairn	Dalluch	Pre-Historic	284801 910558	None	>250m to the S of Existing Access Track	No
104	Clearance Cairn	Dalluch	Pre-Historic	284752 910675	None	>250m to the S of Existing Access Track	No
105	Clearance Cairn	Dalluch	Pre-Historic	284774 910717	None	>250m to the S of Existing Access Track	No
106	Enclosure (angular)	Dalluch	Pre-Clearance	284854 910635	NC81SW0058 (part of)	>250m to the S of Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
107	Building Remains	Dalluch	Pre-Clearance	284845 910681	NC81SW0058 (part of)	>250m to the S of Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
108	Building Remains	Dalluch	Pre-Clearance	284853 910665	NC81SW0058 (part of)	>250m to the S of Existing Access Track	No
109	Linear Boundary Dyke	Dalluch	Pre-Clearance	284881 910655 to 284932 910649	None	>250m to the S of Existing Access Track	No
110	Peat Cuttings	Dalluch	Pre-Clearance	284843 910772	None	>250m to the S of Existing Access Track	No
111	Corn-Drying Kiln Remains	Dalluch	Pre-Clearance	284853 910749	None	>250m to the S of Existing Access Track	No
112	Enclosure (angular)	Dalluch	Pre-Clearance	284847 910757	None	>250m to the S of Existing Access Track	No
113	Linear Boundary Dyke	Dalluch	Pre-Clearance	284866 910767 to 284758 910756	None	>250m to the S of Existing Access Track	No
114	Peat Cuttings	Dalluch	Pre-Clearance	284911 910997	None	>250m to the S of Existing Access Track	No
115	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	284938 910925 to 284868 911320	None	>250m to the S of Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
116	Ford	Allt Smeòrail	19 th /20 th C?	284937 911081	None	>250m to the S of Existing Access Track	No
117	Enclosure (angular)	Allt Smeòrail	Pre-Clearance?	284727 910811	NC81SW0062 (part of)	>250m to the S of Existing Access Track	1:10560 1st Edition (1871) and 2nd Edition (1904)
118	Enclosure (angular)	Allt Smeòrail	Pre-Clearance?	284770 910820	NC81SW0062 (part of)	>250m to the S of Existing Access Track	1:10560 1st Edition (1871) and 2nd Edition (1904)
119	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	284750 910808 to 284749 910841	None	>250m to the S of Existing Access Track	No
120	Borrow Pit	Allt Smeòrail	19 th /20 th C?	284668 911096	None	>250m to the S of Existing Access Track	No
121	Building Remains	Allt Smeòrail	Early 20 th C?	284668 911096	None	>250m to the SE of Existing Access Track.	No
122	Linear Boundary Dyke	Ruidhean	Pre-Clearance	284632 911065 to 284865 911244	None	>250m to the SE of Existing Access Track.	No
123	Hilltrack (disused)	Allt Smeòrail	19 th /20 th C?	284687 911045 to 284669 911548	None	Adjoining the Existing Access Track at 284669 911548	1:10560 1st Edition (1871) and subsequent revisions (not current Landline)
124	Borrow Pit	Ruidhean	Post-Clearance	284697 911125	None	>250m to the SE of Existing Access Track.	No
125	Borrow Pit	Ruidhean	Post-Clearance	284710 911335	None	>250m to the SE of Existing Access Track.	No
126	Peat Cuttings	Allt a'Bhreachaidh	Pre-/Post-Clearance?	284713 911340	None	160m to the SE of Existing Access Track	No
127	Building Remains	Ruidhean	Pre-Clearance	284890 911322	NC81SW0064	>250m to the SE of Existing Access Track.	1:10560 1st Edition (1871) and 2nd Edition (1904)
128	Linear Boundary Dyke	Ruidhean	Pre-Clearance	284883 911323 to 284886 911346	None	>250m to the SE of Existing Access Track.	No
129	Linear Boundary Dyke	Ruidhean	Pre-Clearance	284871 911327 to 284765 911361	None	215m to the SE of Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Lower Breac-achadh							
130	Enclosure (angular)	Breac-achadh	Pre-Clearance	284488 911592	None	30m to the E of the Proposed Access Track	No
131	Linear Boundary Dyke	Breac-achadh	Pre-Clearance	284535 911647 to 284504 911604	None	50m to the N of the Proposed Access Track	No
132	'Tattie' Pits	Allt a'Bhreac-achaidh	Pre-Clearance	284703 911475	None	25m to the SE of the Existing Access Track	No
133	Borrow Pit	Allt a'Bhreac-achaidh	Early 20 th C	284672 911536	None	10m to the SE of the Existing Access Track	No
134	Borrow Pit	Allt a'Bhreac-achaidh	19 th C?	284703 911475	None	70m to the SE of the Existing Access Track	No
135	Linear Boundary Dyke	Allt a'Bhreac-achaidh	Pre-Clearance	284799 911394 to 284641 911458	None	>250m to the SE of Existing Access Track	No
136	Corn-Drying Kiln Remains	Breac-achadh	Pre-Clearance	284718 911548	None	12m to the SE of the Existing Access Track	No
137	Enclosure (angular)	Breac-achadh	Post-Clearance?	284679 911573	NC81SW0061 (part of)	10m to the NW of the Existing Access Track	1:10000 (1966)
138	Building Remains	Breac-achadh	Pre-Clearance	284679 911573	NC81SW0061 (part of)	1m to the NW of the Existing Access Track	No
139	Kale-Yard	Breac-achadh	Pre-Clearance	284679 911578	NC81SW0061 (part of)	1m to the NW of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
140	Well	Breac-achadh	Pre-Clearance	284663 911586	None	40m to the NW of the Existing Access Track	No
141	Platform	Breac-achadh	Pre-Clearance?	284672 911563	None	10m to the NW of the Existing Access Track	No
142	Pit	Breac-achadh	Pre-Clearance?	284695 911560	None	2m to the NW of the Existing Access Track	No
143	Enclosure	Breac-achadh	Pre-Clearance	284793 911438	NC81SW0061 (part of)	Cut by the Existing Access Track at 284718 911158	1:10560 1st Edition (1871) and subsequent revisions
144	Linear Boundary Dyke	Breac-achadh	Pre-Clearance	284749 911574 to 284743 911601	NC81SW0061 (part of)	15m to the SE of Existing Access Track	No
145	Clearance Cairns	Breac-achadh	Pre-Clearance	284809 911464	None	140m to the SE of Existing Access Track	No
146	Clearance Cairns	Breac-achadh	Pre-Clearance	284825 911485	None	140m to the SE of Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
147	Clearance Cairn	Breac-achadh	Pre-Clearance	284807 911496	None	115m to the SE of Existing Access Track.	No
148	Clearance Cairn	Breac-achadh	Pre-Clearance	284790 911517	None	90m to the SE of Existing Access Track	No
149	Linear Boundary Dyke	Breac-achadh	Pre-Clearance	284705 911616 to 284765 911772	None	10m to the NW of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
150	Enclosure	Breac-achadh	Pre-Clearance	284758 911618	None	5m to the SE of the Existing Access Track	No
151	Clearance Cairn	Breac-achadh	Pre-Clearance	284751 911611	None	20m to the SE of the Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Upper Breac-achadh							
152	Fence Remains	Breac-achadh	Post-Clearance	284757 911634	None	Cut by the Existing Access Track at 284757 911634	1:10560 2nd Edition (1904) and subsequent revisions
153	Enclosure (rounded)	Breac-achadh	Pre-Clearance	284845 911657	None	60m to the SE of Existing Access Track	1:10560 1st Edition (1871) and 2nd Edition (1904)
154	Enclosure	Breac-achadh	Pre-Clearance	284795 911783	NC81SW0061 (part of)	45m to the NW of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
155	Building Remains	Breac-achadh	Late 19 th C	284802 911783	NC81SW0061 (part of)	55m to the NW of the Existing Access Track	1:10560 2nd Edition (1904) and subsequent revisions
156	Building Remains	Breac-achadh	Pre-Clearance	284791 911795	NC81SW0061 (part of)	65m to the NW of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
157	Building Remains	Breac-achadh	Pre-Clearance	284802 911826	NC81SW0061 (part of)	80m to the NW of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
158	Linear Boundary Dyke	Breac-achadh	Pre-Clearance	284769 911859 to 284937 911902	None	Cut by the Existing Access Track at 284942 911902	No
159	Linear Boundary Dyke	Breac-achadh	Pre-/Post-Clearance?	284817 911840	None	70m to the NW of the Existing Access Track	No
160	Hut Circle	Breac-achadh	Pre-Historic	284863 911893	None	70m to the NW of the Existing Access Track	No
161	Building Remains	Breac-achadh	Early Pre-Clearance	284840 911873	None	90m to the NW of the Existing Access Track	No
162	Corn-Drying Kiln Remains	Breac-achadh	Pre-Clearance	284840 911714	None	6m to the SE of the Existing Access Track	No
163	Clearance Cairn	Breac-achadh	Pre-Clearance	284860 911724	None	5m to the SE of the Existing Access Track	No
164	Linear Boundary Dyke	Breac-achadh	Pre-Clearance	284866 911741 to 284839 911499	NC81SW0061 (part of)	Cut by the Existing Access Track at 284866 911739	1:10560 1 st Edition (1871) and subsequent revisions
165	Building (Derelict)	Breac-achadh	Late 19 th C	284855 911768	None	30m to the NW of Existing Access Track	1:10560 2 nd Edition (1904) and subsequent revisions

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
166	Garden Area	Breac-achadh	Late 19 th C	284850 911757	None	18m to the NW of Existing Access Track	1:10560 2 nd Edition (1904) and subsequent revisions
167	Platform	Breac-achadh	Late 19 th C	284878 911736	None	10m to the N of the Existing Access Track.	No
168	Borrow Pit	Breac-achadh	Mid 20 th C	284903 911767	None	Adjoins the Existing Access Track	No
169	Hut 'Oval'	Breac-achadh	Pre-Historic	284975 911827	None	30m to the E of the Existing Access Track.	No
170	Linear Boundary Dyke	Breac-achadh	Pre-Historic?	284956 911896	None	6m to the SE of the Existing Access Track	No
171	Clearance Cairns	Breac-achadh	Pre-Historic	284724 911964	None	225m to the NW of the Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Upper Breac-achadh – Ristocky							
172	Pit	Breac-achadh	Pre-Clearance?	284936 911944	None	10m to the W of the Existing Access Track	No
173	Clearance Cairn	Allt Smeòrail	Pre-Historic?	284968 912004	None	10m to the E of Existing Access Track	No
174	Stone-Lined Burn	Allt Smeòrail	Pre-Clearance	285002 912112 to 285098 912070	None	1m to the E of the Existing Access Track	No
175	Clearance Cairn	Allt Smeòrail	Pre-Clearance	285069 912118	None	45m to the SE of the Existing Access Track	
176	Clearance Cairn	Allt Smeòrail	Pre-Clearance	285083 912136	None	45m to the SE of the Existing Access Track	No
177	Enclosure (angular)	Allt Smeòrail	Pre-Clearance	285100 912142	None	60m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions
178	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	285100 912142 to 285098 912165	None	60m to the SE of the Existing Access Track	No
179	Corn-Drying Kiln Remains	Allt Smeòrail	Pre-Clearance	285054 912169	None	3m to the SE of the Existing Access Track	No
180	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	285076 912193 to 285141 912183	None	20m to the SE of the Existing Access Track	No
181	Enclosure (angular)	Allt Smeòrail	Pre-Clearance	285092 912218	None	30m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
182	Sheepfold (circular)	Allt Smeòrail	Post-Clearance	285099 912249	None	19m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
183	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	285126 912427	None	1m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
184	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	284819 912441 to 285347 912732	None	Cut by the Existing Access Track at 285143 912608 & 285179 912633	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Quarry Site 1 (Between Breac-achadh & Ristocky)							
185	Hut Circle	Ristocky Burn	Pre-Historic	284968 912410	None	140m to the NW of the Existing Access Track 180m to the SE of the Proposed Quarry Site No 1	No
186	Hut Circle	Ristocky Burn	Pre-Historic	284919 912466	None	195m to the W of the Existing Access Track 120m to the S of the Proposed Quarry Site No 1	No
187	Clearance Cairns	Ristocky Burn	Pre-Historic	284925 912447	None	180m to the W of the Existing Access Track 140m to the S of the Proposed Quarry Site No 1	No
188	Bridge	Ristocky Burn	Late 19 th /Early 20 th C	285044 912547	None	70m to the W of the Existing Access Track 150m to the ESE of the Proposed Quarry Site No 1	No
189	Shieling Remains	Ristocky Burn	Pre-Clearance	285054 912581	None	65m to the NW of the Existing Access Track 150m to the E of the Proposed Quarry Site No 1	No
190	Hut Circle	Ristocky Burn	Pre-Historic	285009 912876	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
191	Linear Boundary Dyke	Ristocky Burn	Pre-Historic?	285009 912888	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
192	Clearance Cairn	Ristocky Burn	Pre-Historic	284988 912812	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
193	Clearance Cairn	Ristocky Burn	Pre-Historic	284993 912835	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
194	Clearance Cairn	Ristocky Burn	Pre-Historic	285011 912840	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
195	Pit	Ristocky Burn	Pre-Clearance?	285027 912922	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
196	Peat Cuttings	Ristocky Burn	Pre-Clearance	285061 912714	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
197	Clearance Cairn (possible)	Ristocky Burn	Pre-Clearance	285068 912654	None	80m to the NW of the Existing Access Track >250m to the N of the Proposed Quarry Site No 1	No
198	Peat Cuttings	Ristocky Burn	Pre-Clearance	284898 913163	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
199	Peat Cuttings	Ristocky Burn	Pre-Clearance	284856 913218	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
200	Cairn	Ristocky Burn	Pre-Clearance	284820 913255	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
201	Corn-Drying Kiln Remains	Balnacreig	Pre-Clearance	284875 913277	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
202	Clearance Cairn	Balnacreig	Pre-Clearance	284880 913309	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
203	Clearance Cairn	Balnacreig	Pre-Clearance	284967 913406	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
204	Clearance Cairn	Balnacreig	Pre-Clearance	284991 913422	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
205	Clearance Cairn	Balnacreig	Pre-Clearance	284989 913410	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
206	Building Remains	Balnacreig	Pre-Clearance	284935 913264	NC81SW0048 & 54	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	1:10560 1st Edition (1871) and subsequent revisions
207	Kale-Yard	Balnacreig	Pre-Clearance	284935 913264	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	1:10560 1st Edition (1871) and subsequent revisions
208	Cairn	Balnacreig	Pre-Clearance	284924 913251	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
209	Mound	Balnacreig	Pre-Clearance	284924 913255	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
210	Linear Boundary Dyke	Ristocky Burn	Pre-/Post-Clearance	285065 913192 to 285015 913064	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	No
211	Linear Boundary Dyke	Ristocky Burn	Pre-Clearance	285065 913192 to 285082 912881	None	>250m to the NW of the Existing Access Track >250m to the NE of the Proposed Quarry Site No 1	Current Landline

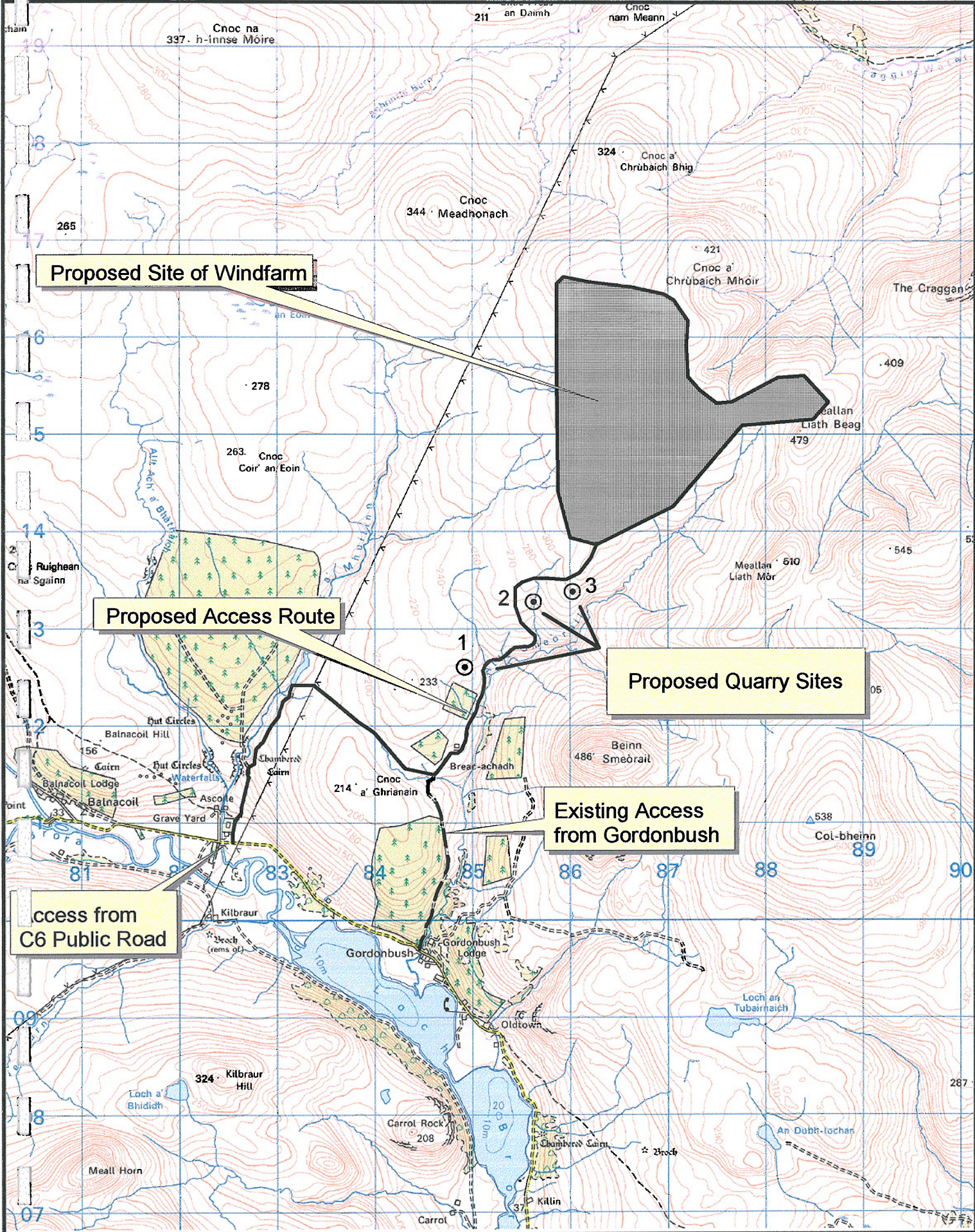
Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Badan							
221	Enclosure (angular)	Badan	Post-Clearance?	285380 912844	None	50m to the NW of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
222	Linear Boundary Dyke	Badan	Pre-Clearance	285476 912876 to 285923 912910	None	Cut by the Existing Access Track at 285570 913015	1:10560 1st Edition (1871)
223	Enclosure (angular)	Badan	Post-Clearance?	285540 912741	None	37m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
224	Enclosure (angular)	Badan	Pre-Clearance	285617 912769	NC81SE0003 & 10 (part of)	45m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions
225	Linear Boundary Dyke	Badan	Pre-Clearance	285610 912772 to 285605 912781	NC81SE0003 & 10 (part of)	25m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions
226	Building Remains	Badan	Pre-Clearance	285594 912811	NC81SE0003 & 10 (part of)	5m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions
227	Kale-Yard	Badan	Pre-Clearance	285594 912811	NC81SE0003 & 10 (part of)	9m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions
228	Building Remains	Badan	Pre-Clearance	285625 912786	NC81SE0003 & 10 (part of)	38m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions
229	Linear Boundary Dyke	Badan	Pre-Clearance	285647 912846 to 285597 912871	None	Cut by the Existing Access Track at 285647 912846	No
230	Linear Boundary Dyke	Allt Smeòrail	Pre-Clearance	285752 912875	None	90m to the E of the Existing Access Track	No

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Ristocky							
212	Borrow Pit	Ristocky	Mid 20 th C	285113 912491	None	Adjoining the Existing Access Track	No
213	Enclosure (triangular)	Ristocky	Pre-Clearance	285150 912507	NC81SE0006	20m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
214	Enclosure (angular)	Ristocky	Pre-Clearance	285172 912608	None	9m to the SE of the Existing Access Track	No
215	Linear Boundary Dyke	Ristocky	Pre-Clearance	285165 912588 to 285214 912599	None	25m to the SE of the Existing Access Track	No
216	Building Remains	Ristocky	Early Pre-Clearance	285100 912590	None	25m to the NW of the Existing Access Track	No
217	Building Remains	Ristocky	Pre-Clearance	285257 912637	NC81SE0002 & 14 (part of)	6m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
218	Enclosure/Kale-Yard	Ristocky	Pre-Clearance	285257 912637	NC81SE0002 & 14 (part of)	11m to the SE of the Existing Access Track	No
219	Building Remains	Ristocky	Pre-Clearance	285258 912612	NC81SE0002 & 14 (part of)	15m to the SE of the Existing Access Track	1:10560 1st Edition (1871) and subsequent revisions
220	Enclosure/Kale-Yard	Ristocky	Pre-Clearance	285258 912612	NC81SE0002 & 14 (part of)	15m to the SE of the Existing Access Track	1:10000 (1962) and subsequent revisions

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
Badan to Proposed Windfarm Site							
231	Bridge	Badan Burn	Late 19 th C?	285653 913150	None	190m to the NE of the Proposed Access Track 130m to the S of the Proposed Quarry Site 2	No
232	Hill Cairn	Allt Smeòrail	Late 19 th /Early 20 th C?	286003 913271	None	245m to the S of the Proposed Access Track 90m to the SW of the Proposed Quarry Site 2	No
233	Hill Cairn	Allt Smeòrail	Late 19 th /Early 20 th C?	286133 913606	None	10m to the SE of the Proposed Access Track 170m to the NE of the Proposed Quarry Site 2	No
234	Drainage Grips	Allt Smeòrail	Mid 20 th C	286221 913773	None	Cut by the Proposed Access Track at many locations	No
235	Grouse Butt	Allt Ghimmer	Late 19 th C	286794 914217	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
236	Grouse Butt	Allt Ghimmer	Late 19 th C	286786 914271	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
237	Grouse Butt	Allt Ghimmer	Late 19 th C	286774 914316	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
238	Grouse Butt	Allt Ghimmer	Late 19 th C	286762 914372	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
239	Grouse Butt	Allt Ghimmer	Late 19 th C	286750 914419	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
240	Grouse Butt	Allt Ghimmer	Late 19 th C	286735 914483	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
241	Grouse Butt	Allt Ghimmer	Late 19 th C	286709 914595	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
242	Grouse Butt	Allt Ghimmer	Late 19 th C	286699 914639	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
243	Grouse Butt	Allt Ghimmer	Late 19 th C	286685 914703	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
244	Grouse Butt	Allt Ghimmer	Late 19 th C	286665 914803	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
245	Trench	Allt Ghimmer	Late 19 th /Early 20 th C?	286576 914573	None	Within Proposed Windfarm Site area	No
246	Grouse Butt	Allt Ghimmer	Late 19 th C	286465 914930	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
247	Grouse Butt	Allt Ghimmer	Late 19 th C	286492 914962	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
248	Grouse Butt	Allt Ghimmer	Late 19 th C	286532 914997	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions

Feature No	Feature Type	Site Name	Possible Age	Grid Ref	SMR Ref	Feature is	Appears on Map
249	Trench	Allt Ghimmer	Late 19 th /Early 20 th C?	286515 915072	None	Within Proposed Windfarm Site area	No
250	Grouse Butt	Allt Ghimmer	Late 19 th C	286569 915029	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
251	Grouse Butt	Allt Ghimmer	Late 19 th C	286610 915068	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
252	Grouse Butt	Allt Ghimmer	Late 19 th C	286646 915107	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
253	Grouse Butt	Allt Ghimmer	Late 19 th C	286681 915143	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
254	Grouse Butt	Allt Ghimmer	Late 19 th C	286723 915182	None	Within Proposed Windfarm Site area	1:10000 (1962) and subsequent revisions
255	Trench	Allt Smeòrail	Late 19 th /Early 20 th C?	287593 915028	None	Within Proposed Windfarm Site area	No

Appendix II – Area Location Map



Proposed Site of Windfarm

Proposed Access Route

Proposed Quarry Sites

Existing Access from Gordonbush

Access from C6 Public Road

Proposed Access Route and Sites of Quarries and Windfarm

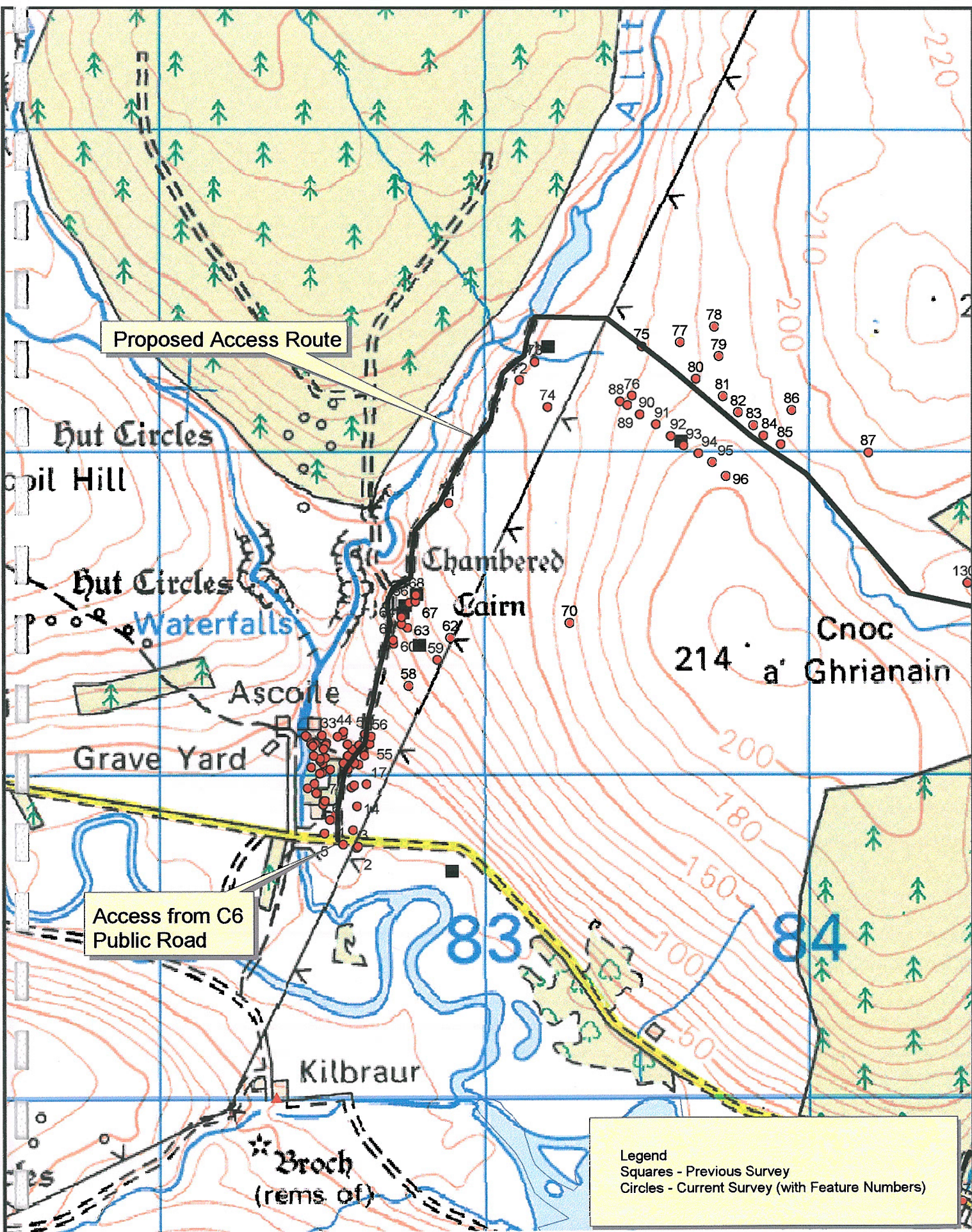
SUPPLIED BY THE HIGHLAND COUNCIL

Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. The Highland Council LA09036L.



Scale
1:50,000

Appendix III – Feature Location Maps



Proposed Access Route

Access from C6 Public Road

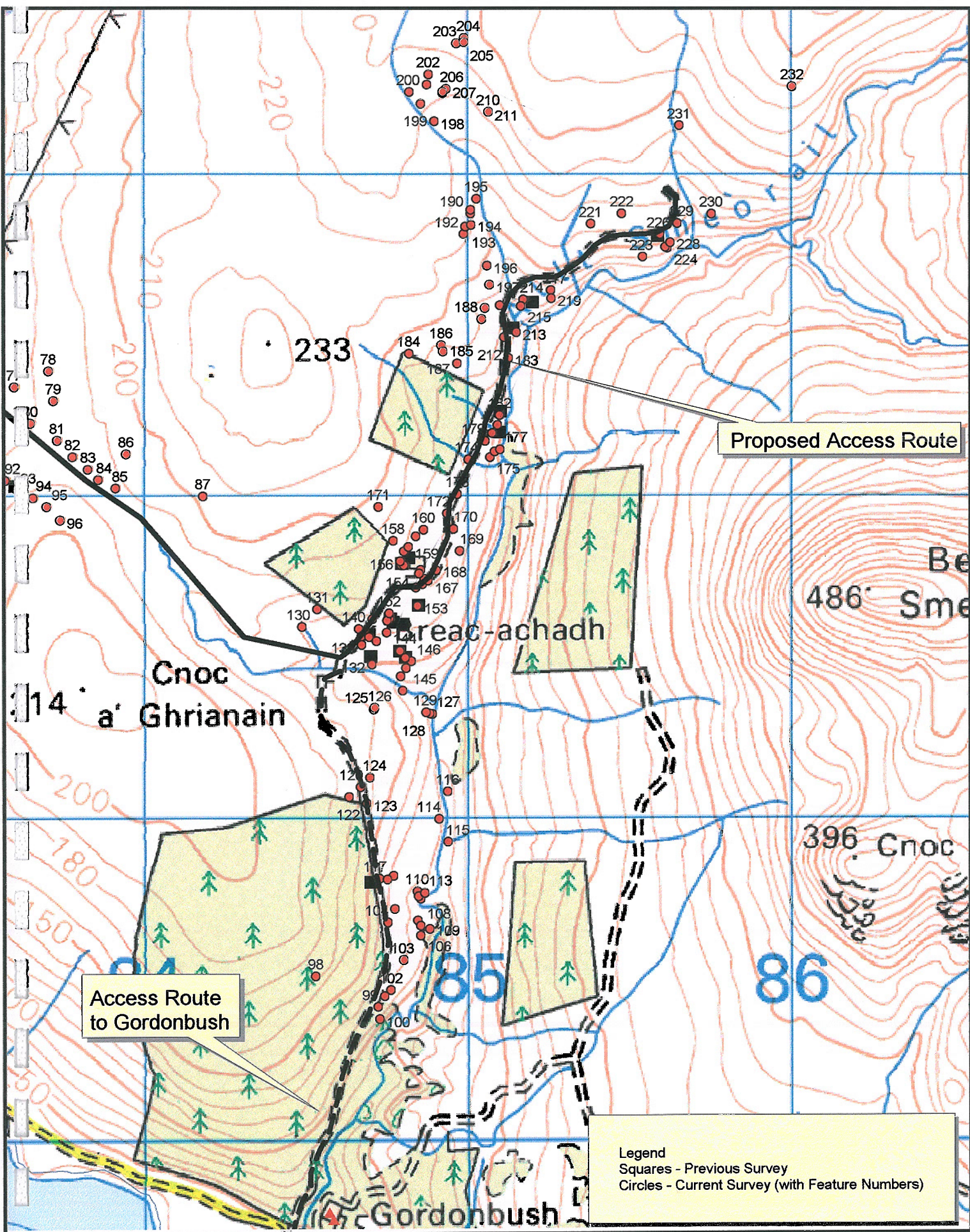
Legend
 Squares - Previous Survey
 Circles - Current Survey (with Feature Numbers)

Ascoile to Breac-achadh

SUPPLIED BY THE HIGHLAND COUNCIL

Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. The Highland Council LA09036L.

N
 Scale
 1:15000



Gordonbush to Badan

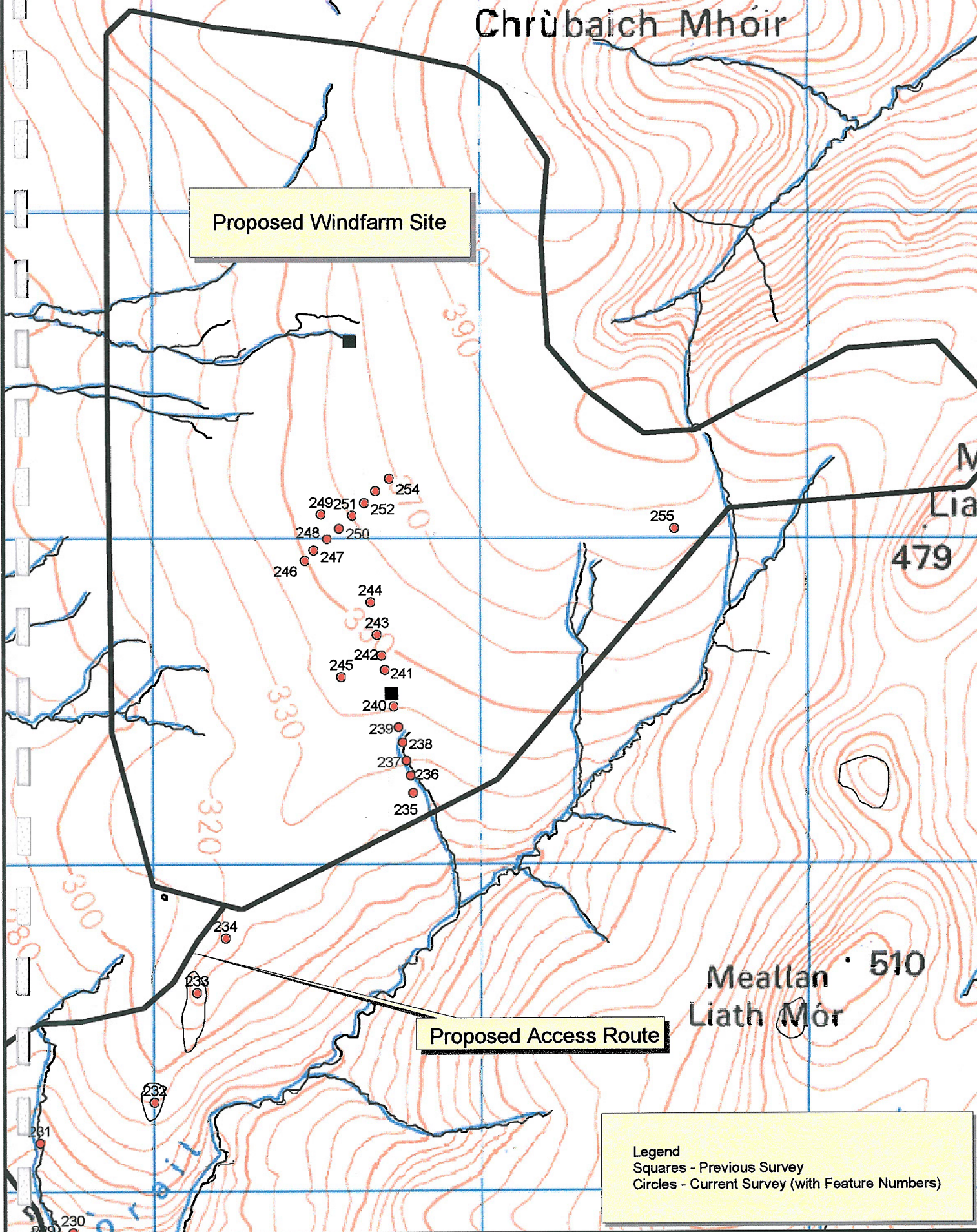
SUPPLIED BY THE HIGHLAND COUNCIL

Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. The Highland Council LA09036L.

N
 Scale
 1:15000

Chrùbaich Mhòir

Proposed Windfarm Site



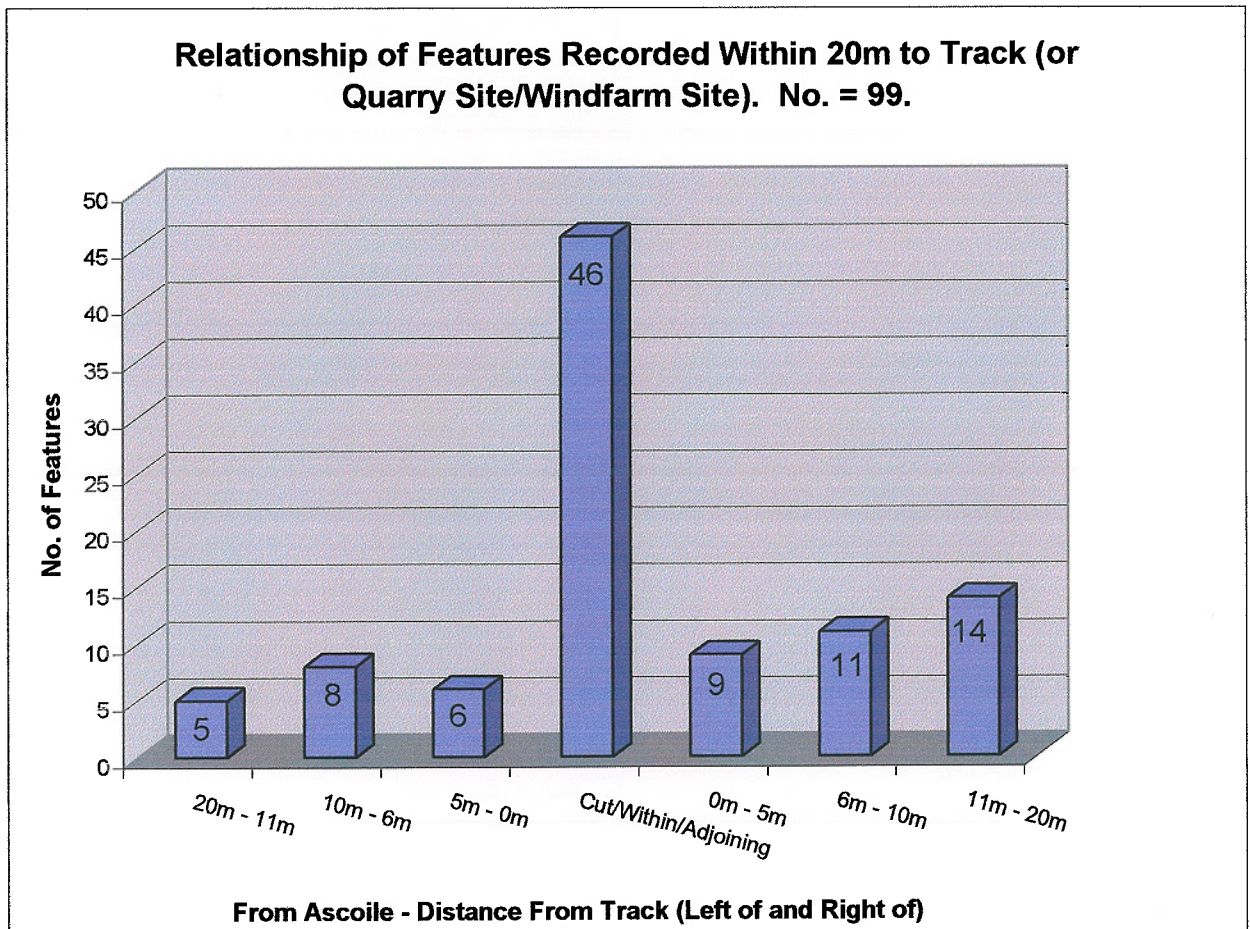
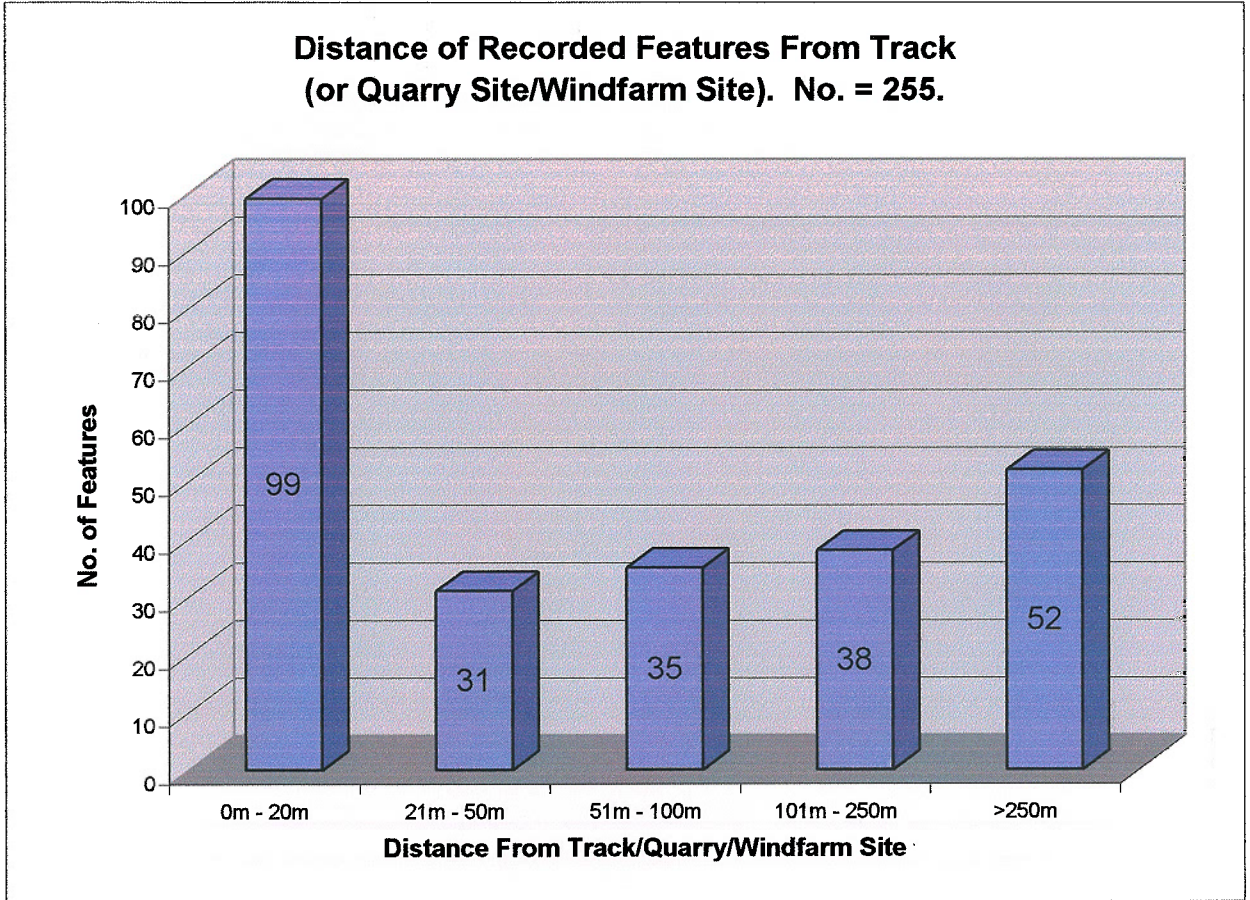
Badan to Proposed Windfarm Site

SUPPLIED BY THE HIGHLAND COUNCIL

Reproduced from the Ordnance Survey Mapping with the permission of the Controller of Her Majesty's Stationery Office. © Crown Copyright
Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. The Highland Council LA09036L.

N
Scale
1:15000

Appendix IV – Graphical Relationship of Recorded Features to Track/Quarry Sites/Windfarm Site



Appendix V – Plates

Plate No	Feature No	Grid Ref	Description
1	002	282606 910774	Possible building remains on N side of C6 public road at Ascoile.
2	010	282503 910907	?Early 20th Century sleigh, found in S side of ornamental plantation at Ascoile.
3	012	282486 910943	?Late 20th Century 10m diameter 'maze' found in clearing within ornamental plantation at Ascoile.
4	018	282666 911051	Apparently cobbled section of disused hilltrack at Ascoilebeg.
5	019	282580 911018	Remains of longhouse in NE section of plantation at Ascoilebeg.
6	022	282493 911004	Remains of longhouse in NW section of plantation at Ascoile.
7	031	282621 911091	Coarse boulder boundary dyke cut by track (top left) at Ascoilebeg.
8	035	282511 911093	Substantial enclosure/sheepfold on knoll at Ascoile. Note bank and ditch (of Feature No 044) in foreground.
9	038	282504 911052	Possible corn-drying kiln remains at base of knoll at Ascoile. Note bank (of Feature No 032) in background entering plantation.
10	046	282472 911100	Platform area (?bloomery mound) on E bank of Allt a'Mhuilinn at Ascoile. Note hydro-electric power generating station (Feature 052), black area where iron slag finds were discovered (Feature 047), ?quay (Feature 050) to left.
11	047	282472 911100	Earthen scrape with iron slag finds at S side of platform area of Feature 046 at Ascoile. Note hollows (Feature 048), dug into slope.
12	047	282472 911100	Iron slag finds in earthen scrape on S side of platform area of Feature 046 at Ascoile.
13	054	282630 911059	Mid 20th Century borrow pit, containing dumped railway sleepers, adjoining E side of access track (Feature 001) above Ascoile.
14	057	282632 911126	10m line of roughly placed boulders forming a boundary adjacent to the E side of access track (Feature 001) E of Allt a'Mhuilinn.
15	066	282769 911532	Chambered cairn set on an 'island' between the existing access track (Feature 001) and a former, now disused, hilltrack (Feature 018) above Allt a'Mhuilinn.
16	069	282772 911696	300mm diameter water pipeline, at this particular location on concrete stilts, formerly carrying water from the dam across Allt a'Mhuilinn to the hydro-electric power generating station of Feature 052.
17	072	283109 912221	Old peat cutting adjacent to the existing access track (Feature 001) on exposed moorland E of Allt a'Mhuilinn.
18	073	283156 912278	Stone facade to downstream headwall of culvert crossing under the existing access track (Feature 001) on exposed moorland E of Allt a'Mhuilinn.
19	132	284703 911475	A line of 8 'Tattie' pits dug into the crest of a moraine ridge to the SE of the farmstead of Lower Breac-achadh.
20	137 & 138	284679 911573	Enclosure (right) and building remains (left) of farmstead of Lower Breac-achadh. Note wall with sheep creep in centre.
21	162	284840 911714	Corn-drying kiln remains on grass meadow 6m to the SE of the access track of Feature 097 (centre, left to right), and to the S of the derelict building at Upper Breac-achadh of Feature 165 (rear, left).
22	162, 163 & 164	284866 911739	Corn-drying kiln remains on grass meadow (centre, right), clearance cairn (centre) and grass-covered linear boundary dyke (centre, left), adjacent to the access track of Feature 097 at Upper Breac-achadh.
23	165	284855 911768	Derelict building at Upper Breac-achadh.

Plate No	Feature No	Grid Ref	Description
24	167	284878 911736	Small stone-lined platform recessed into slope at front of the derelict building of Feature 165 at Upper Breac-achadh.
25	169	284975 911827	Hut 'oval' set on a shoulder on the W valley-side of Allt Smeorail.
26	179	285054 912169	Corn-drying kiln remains 3m to SE of the access track (background, left to right) on the W valley-side of Allt Smeorail.
27	182	285099 912249	13m diameter, post-Clearance circular sheepfold, 19m to the E of the access track on the W valley-side of Allt Smeorail.
28	183	285126 912427	Bracken and heather-covered linear boundary dyke adjacent to the SE side of the access track on the W valley-side of Allt Smeorail.
29	184 & 189	285054 912581	Bracken-covered linear boundary dyke (left to right, rear) and shieling remains (centre) on the W valley-side of Allt Smeorail.
30	214	285172 912608	Bracken-covered rectangular enclosure, set 9m to the SE of the access track on the W valley-side of Allt Smeorail.
31	222	285573 913015	Broad, low peat turf bank, above and to the NW of Badan, on the W valley-side of Allt Smeorail. Argo cat track (centre, left to right) is on the line of the proposed access track.
32	226	285594 912811	Upper gable end of building remains at Badan, on the W valley-side of Allt Smeorail, 5m to the SE of the access track. Note 'outshot' on right (SW) side wall.
33	233	286133 913606	Small cairn on prominent small knoll, on the W valley-side of Allt Smeorail, 10m to the SE of the proposed access track.
34	235	286794 914217	Grouse butt adjacent to Allt Ghimmer, on the W valley-side of Allt Smeorail, within the propose windfarm site area.
35	249	286515 915072	Two perpendicular trenches cut into a small knoll adjacent to the grouse butts on open moorland at Allt Ghimmer, within the proposed windfarm site area.
36	252 & 253	286646 915107	The two upper grouse butts on open moorland at Allt Ghimmer, within the proposed windfarm site area.



Plate 1. Feature 002. Possible building remains on N side of C6 public road at Ascoile. (Scale bar is 1m) GR 282606 910774



Plate 2. Feature 010. ?Early 20th Century sleigh, found in S side of ornamental plantation at Ascoile. (Scale divisions are 20cm) GR 282503 910907



Plate 3. Feature 012. ?Late 20th Century 10m diameter 'maze' found in clearing within ornamental plantation at Ascoile. GR 282486 910943



Plate 4. Feature 018. Apparently cobbled section of disused hilltrack at Ascoilebeg. (Scale bar is 1m) GR 282666 911051



Plate 5. Feature 019. Remains of longhouse in NE section of plantation at Ascoilebeg.
(Scale bar is 1m) GR 282580 911018



Plate 6. Feature 022. Remains of longhouse in NW section of plantation at Ascoile.
GR 282493 911004



Plate 7. Feature 031. Coarse boulder boundary dyke cut by track (top left) at Ascoilebeg. GR 282621 911091



Plate 8. Feature 035. Substantial enclosure/sheepfold on knoll at Ascoile. Note bank and ditch (of Feature No 044) in foreground. (Scale bar is 1m) GR 282511 911093



Plate 9. Feature 038. Possible corn-drying kiln remains at base of knoll at Ascoile. Note bank (of Feature No 032) in background entering plantation. (Scale bar is 1m)
GR 282504 911052



Plate 10. Feature 046. Platform area (?bloomery mound) on E bank of Allt a'Mhuilinn at Ascoile. Note hydro-electric power generating station (Feature 052), black area where iron slag finds were discovered (Feature 047), quay (Feature 050) to left. GR 282472 911100



Plate 11. Feature 047. Earthen scrape with iron slag finds at S side of platform area of Feature 046 at Ascoile. Note hollows (Feature 048), dug into slope. (Scale bar is 1m) GR 282472 911100



Plate 12. Feature 047. Iron slag finds in earthen scrape on S side of platform area of Feature 046 at Ascoile. (Scale divisions are 20cm) GR 282472 911100



Plate 13. Feature 054. Mid 20th Century borrow pit, containing dumped railway sleepers, adjoining E side of access track (Feature 001) above Ascoile. GR 282630 911059



Plate 14. Feature 057. 10m line of roughly placed boulders forming a boundary adjacent to the E side of access track (Feature 001) E of Allt a'Mhuilinn. (Scale divisions are 20cm) GR 282632 911126



Plate 15. Feature 066. Chambered cairn set on an 'island' between the existing access track (Feature 001) and a former, now disused, hilltrack (Feature 018) above Allt a'Mhuilinn. GR 282769 911532



Plate 16. Feature 069. 300mm diameter water pipeline, at this particular location on concrete stilts, formerly carrying water from the dam across Allt a'Mhuilinn to the hydro-electric power generating station of Feature 052. GR 282772 911696



Plate 17. Feature 072. Old peat cutting adjacent to the existing access track (Feature 001) on exposed moorland E of Allt a'Mhuilinn. GR 283109 912221



Plate 18. Feature 073. Stone facade to downstream headwall of culvert crossing under the existing access track (Feature 001) on exposed moorland E of Allt a'Mhuilinn. GR 283156 912278



Plate 19. Feature 132. A line of 8 'Tattie' pits dug into the crest of a moraine ridge to the SE of the farmstead of Lower Breac-achadh. GR 284703 911475



Plate 20. Features 137 & 138. Enclosure (right) and building remains (left) of farmstead of Lower Breac-achadh. Wall with sheep creep (centre) is 0.8m high. GR 284679 911573



Plate 21. Feature 162. Corn-drying kiln remains on grass meadow 6m to the SE of the access track of Feature 097 (centre, left to right), and to the S of the derelict building at Upper Breac-achadh of Feature 165 (rear, left). (Scale on top of structure is A4 paper)
GR 284840 911714



Plate 22. Features 162, 163 & 164. Corn-drying kiln remains on grass meadow (centre, right), clearance cairn (centre) and grass-covered linear boundary dyke (centre, left), adjacent to the access track of Feature 097 at Upper Breac-achadh. (Track is 3m wide)
GR 284866 911739



Plate 23. Feature 165. Derelict building at Upper Breac-achadh. (Gable end is 5m wide) GR 284855 911768



Plate 24. Feature 167. Small stone-lined platform recessed into slope at front of the derelict building of Feature 165 at Upper Breac-achadh. (Scale on top of structure is A4 paper) GR 284878 911736



Plate 25. Feature 169. Hut 'oval' set on a shoulder on the W valleside of Allt Smeorail. (Structure is 11m across, left to right) GR 284975 911827



Plate 26. Feature 179. Corn-drying kiln remains 3m to SE of the access track (background, left to right) on the W valleside of Allt Smeorail. (Scale is A4 paper) GR 285054 912169

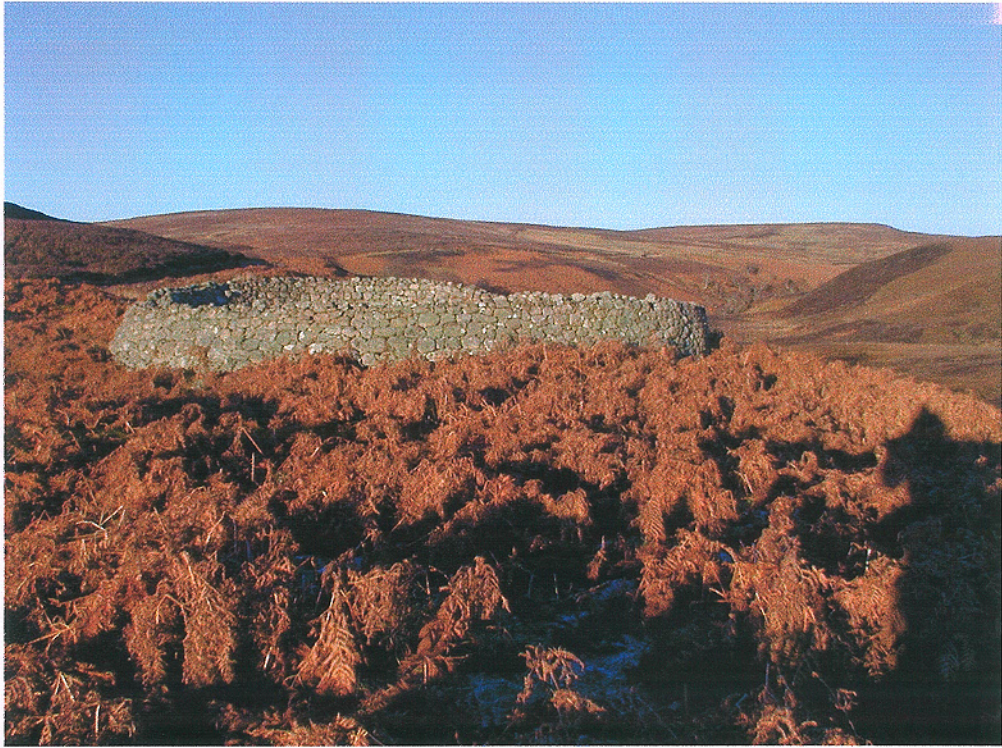


Plate 27. Feature 182. 13m diameter, post-Clearance circular sheepfold, 19m to the E of the access track on the W valleyside of Allt Smeorail. GR 285099 912249



Plate 28. Feature 183. Bracken and heather-covered linear boundary dyke adjacent to the SE side of the access track on the W valleyside of Allt Smeorail. (Track is 2.5m wide)
GR 285126 912427



Plate 29. Features 184 & 189. Bracken-covered linear boundary dyke (left to right, rear) and shieling remains (centre) on the W valleyside of Allt Smeorail. (Scale bar is 1m)
GR 285054 912581



Plate 30. Feature 214. Bracken-covered rectangular enclosure, set 9m to the SE of the access track on the W valleyside of Allt Smeorail. GR 285172 912608



Plate 31. Feature 222. Broad, low peat turf bank, above and to the NW of Badan, on the W valley side of Allt Smeorail. Argo cat track (centre, left to right) is on the line of the proposed access track. (Scale bar is 1m) GR 285573 913015



Plate 32. Feature 226. Upper gable end of building remains at Badan, on the W valley side of Allt Smeorail, 5m to the SE of the access track. Note 'outshot' on right (SW) side wall. (Scale is A4 paper) GR 285594 912811



**Plate 33. Feature 233. Small cairn on prominent small knoll, on the W valleside of Allt Smeorail, 10m to the SE of the proposed access track. (Scale divisions are 20cm)
GR 286133 913606**



Plate 34. Feature 235. Grouse butt adjacent to Allt Ghimmer, on the W valleside of Allt Smeorail, within the propose windfarm site area. (Scale bar is 1m) GR 286794 914217

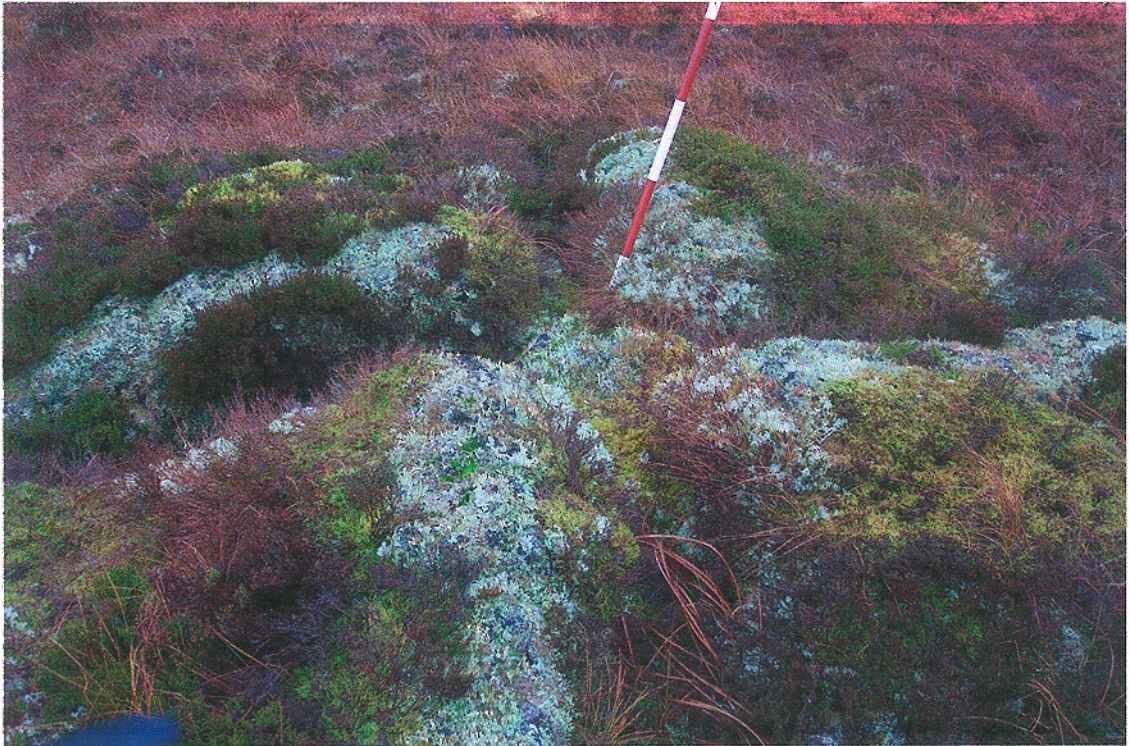


Plate 35. Feature 249. Two perpendicular trenches cut into a small knoll adjacent to the grouse butts on open moorland at Allt Ghimmer, within the proposed windfarm site area. (Scale divisions are 20cm) GR 286515 915072



Plate 36. Features 252 & 253. The two upper grouse butts on open moorland at Allt Ghimmer, within the proposed windfarm site area. (Scale bar is 1m) GR 286646 915107