

Archaeological Desk-Based  
Assessment and Walkover Survey  
Leckie  
Gargunnoch  
Stirlingshire

ST30



*For Scottish Woodlands Ltd*

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**ARCHAEOLOGICAL  
DESK-BASED ASSESSMENT &  
WALKOVER SURVEY  
LECKIE,  
GARGUNNOCK  
STIRLINGSHIRE**

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*Illustration 1: Location of Sites*

*Illustration 2: Sites requiring mitigation*

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**ABSTRACT**

*Alder Archaeology was commissioned by Scottish Woodlands to undertake a desk-based assessment and walkover survey at Leckie, Gargunnoch, Stirling in advance of a proposed afforestation scheme. The survey was undertaken by two archaeologists on 10-12 June 2019 (Alder site code ST30). The survey area is divided in two parts by an existing woodland belt. South of the woodland were remains of pre-improvement rig and furrow and grass banks, including a possible former head dyke. North of the woodland belt were the remains of one, possibly two, ha-has as well as some possible rig and furrow. A cropmark on APs may indicate a former building, but there were no visible remains on the ground.*

## **1 Introduction**

### **1.1 Introduction**

Scottish Woodlands Ltd commissioned Alder Archaeology to undertake an archaeological desk-based assessment and walkover survey on the site of a proposed forestry development at Leckie, Gargunnoch. The site lies on the northern edge of the Gargunnoch Hills and comprises pasture for sheep and cattle, that to the south being rough pasture with improved pasture to the north separated by an existing woodland belt. Leckie Broch, a scheduled ancient monument of exceptional significance, lies in close proximity to the survey area. The survey by two archaeologists took place on 10-12 June 2019 in mixed weather conditions, mainly dry, with some sunshine and showers.

### **1.2 Objectives**

The main aim of this desk-based assessment and walkover was to establish the presence/absence, date, character and quality of any archaeological remains surviving within the development area. The results of this assessment have been used to inform future mitigation strategies for this area of the proposed development.

## **2 Methodology and Approach**

Alder Archaeology Ltd abides by the Codes of Conduct and Approved Practice and Standards of the Chartered Institute for Archaeologists.

### **2.1 Desk-Based Assessment**

A rapid desk-based study of the proposed development area was undertaken, involving the examination of all readily available information sources relevant to the area. The following sources of information were searched:

- *Historic Environment Scotland*: the Schedule was checked for any Scheduled Monuments or listed buildings within or close to the proposed development area; sites recorded in the National Record of the Historic Environment (NHRE) and vertical aerial photographs held in the National Collection of Air Photographs were examined.
- *Stirling Environment Record (SHER)*: sites not recorded in the NMRS were examined.
- *The Map Library of the National Library of Scotland*: all Ordnance Survey and pre-Ordnance Survey maps of the area were examined.
- *The National Records of Scotland*: no plans relevant to the study area were found. A plan (RHP698/1) and reference book (RHP698/2) including the Leckie estate referred to the estate on the north side of the former road from Stirling to Dumbaron. Two other plans (RHP82762, RHP82763) concerning boundary disputes with the Leckie estate near Carleatheran (to the south of the study area) were not seen as they require conservation.
- *No previous research is known in this study area*

## **2.2 Walkover**

The Walkover was conducted by two archaeologists on 10-12 June 2019 in variable weather conditions. Investigations focused particularly on areas identified in the Desk-Based Assessment as presenting a particularly high probability of past human activity.

All archaeological features encountered were logged using monument record sheets, photographed and planned in sketch, and their map reference numbers located using a GPS system. Modern landmarks and features were also recorded, in order to calibrate the GPS record and tie it securely to the base map.

## **3 Results**

All sites identified during this project are discussed below and summarised in Table 1 (from the DBA) and Table 2 (from the Walkover). Italicised numbers in brackets are identifiers assigned as part of this study. Site locations are shown in Illus 1. A full gazetteer of sites identified in the both the Desk-Based Assessment and Walkover is given in Appendices 1-3 at the end of this report.

### **3.1 Historical**

Leckie is mentioned in 1354 when David II granted to Malcolm son of Duncan son of Murdac that half of the land of (Wester) Leckie lying nearer to the land of Boquhan, which the king's ancestor [Robert I] granted in heritage to the earl of Lennox in compensation for the lordship of a carucate of the land of Cardross, and which Donald, earl of Lennox, resigned by letters patent to the king, to be held in free barony. This implies that Leckie had been crown land under Robert I. Malcolm's descendants took their name from the place, although Easter Leckie was separate and not part of the barony until 1617 (*RMS*, vii, no 1615). The Leckies held the estate until 1668 when it was acquired by the Moirs who held it until 1906. In that year it was bought by George Younger, a member of the brewing family; his descendants held it until 2015.

### **3.2 Cartographic Sources**

Early historic maps by Adair (c1680), Edgar (1746?), Roy (1747-55), Taylor and Skinner (1776), Ross (1780), Grassom (1817) and Thomson (1827) were examined.

All these maps show Leckie, now Old Leckie, on the north side of the road from Stirling to Dumbarton, which at that time extended directly westwards from Gargunock to Boquhan.

Roy also shows that the confluence of the Leckie Burn and Easter Blackspout was wooded as was the course of the combined burn to the former road from Stirling to Dumbarton.

Taylor and Skinner show that Leckie belonged to 'More Esq<sup>r</sup>'.

Grassom and Thomson show that areas of woodland, excluded from the study area, were already planted: along the Leckie Burn, the Wester Blackspout and Easter Blackspout and at Whitehill.

The OS 'First Edition' shows boundaries around and within the study area (1-37). A track (38) extends to boundary 4. Two other tracks are also shown; one (39) on the east side of the Leckie Burn; the other (40) continues from Knock o Ronald to the southern edge of Heathery Hill Wood. Three wells are named (41-43). A 'Ree' is named (44) as is an unnamed sheepfold (45). A Ford (46) is named and a bridge is shown (47). The existing woodland of Spittalton Wood, Loch Logan Wood, St Colm's Glen, Heathery Hill Wood, and Whitehill Wood are shown, as are the course of the Leckie Burn and the area enclosed by boundary 29.

The OS Second Edition shows more boundaries (48-57). Boundary (8) has been straightened for most of its length. A Pheasantry (58) and three Sheepfolds (45, 59, 60) are named. A footbridge (61) is named as FB and another bridge (62) is shown. The Ree (44), Wells (41, 42) and boundaries (28, 35) are not shown; the former boundary has been replaced by boundary (54). Track (38) has been shortened to the southern edge of Spittalton Wood. The Ford (46) has been replaced by a bridge. The bridge (47) is not shown.

In 1917 three new boundaries (63-65) and two new Sheepfolds (66, 67) and a Sheepwash (68) are shown but not the footbridge (61) or Pheasantry (58). The northern end of boundary (8) has been realigned. Boundary (53) is also not shown.

In 1951 boundary (52) is not shown.

In 1959 a track (69) to Spittalton (now Wester Leckie) from the east has been created.

In 1974 the track (69) is no longer shown. Leckie House has been built with its boundaries (70), replacing boundary (65) and sheepfold (67). Boundaries (71, 72) are shown.

By 1978 Spittalton has been renamed Wester Leckie. Easter Leckie has been built. New boundaries are shown (73-75). The north end of boundary (56) has been removed and a new boundary (76) connects Heathery Hill Wood with the woodland of St Colm's Glen and the Leckie Burn. Sheepfold (60) has been extended westwards and sheepfold (77) built. Sheepfold (59) and Sheepwash (68) are not shown.

In 1998 boundaries (78-81) are shown. Two tracks (82, 83) are shown, the latter a continuation of track (40). Boundary (53) is not shown.

In 2010 boundaries (84, 85) are shown as are woodland areas (86-88).

In 2015 boundary (90) is shown.

### **3.3 Aerial Photographs**

The aerial photographs confirm the evidence of the maps. The area south of the woodland belt is open moorland and the area to the north is farmland. The APs show that much of the southern area contains traces of rig and furrow. The woodlands Loch Logan Wood, Heathery Hill wood and Whitehill Wood have been partially felled in the past and replanted.

In 1946 a field system of areas of rig and furrow (93-99) with possible banks (100-104) is shown. The latter bank appears to act as a limit for some of the rig (94-96) and may be the remains of a head dyke. A curvilinear feature (105) connects to water channels. A subrectangular enclosure of two cells (106), aligned east/west, with a two-side enclosure on its west end is visible. The north end of boundary (6) has been removed.

In 1955 more rig is visible (107). Boundaries (54, 75) and track (82) are visible. A track (108) is visible extending across the moorland in the south.

In 1956 the sheepwash (68) and sheepfold (59) are not visible. There is no boundary (89).

In 1966 sheepfold (109) and enclosure (110) are visible. Sheepfold (60) has been extended. The quarry (92) appears as a white circle. Track (108) appears as a white scar across the landscape.

In 1972 Leckie House and its boundaries (70, 71) have been built. More rig and furrow is visible (111, 112)

### **3.4 Stirling Sites and Monuments Record**

Stirling SMR contains two sites not recorded in the NRHE: a cairn (91) and a limestone quarry (92).

### **3.5 Sites found during Walkover**

Sites found during the walkover survey were mainly boundaries, either grass banks (113, 117, 200, 201), dry-stone dykes (202, 204), or modern fences (114-116, 118, 119, 122, 203, 206). Of note was a possible ha-ha (120) with trees planted on top of the retaining wall. A boundary (30) may also have been a ha-ha with a tree planted on top of it. (The retaining wall on the west side of track (40) also has trees planted on it.). Other features found were a water tank (121) and bridge (205).

### **3.6 Sites with Statutory Designation**

No listed buildings or scheduled monuments are recorded in the study area. Two scheduled monuments are recorded outwith the study area, Leckie Broch (123) and Leckie Burn bridge (124). There are four listed buildings outwith the study area: Old Leckie (125), Watson House (126), Burnton of Boquhan (127) and a sundial formerly at Watson House but now at Leckie House (128).

### **3.7 Sites with no Statutory Designation**

Most of the sites recorded in the survey relate to the agricultural use of the study area. These comprise three periods. From the pre-improvement period are areas of rig and furrow (93-99, 107, 111, 112) and grass banks (100-104, 117, 200, 201). The dry-stone dykes (1-16, 18, 21, 23, 27, 29, 33, 54, 202, 204) date from the period of agricultural improvement in the early 19th century. Wire stock fences (17, 19, 20, 22, 24-27, 31-34, 37, 48-51, 55, 56, 63-65, 70-80, 84-89) are modern features, albeit that some may follow older boundaries; of three wells noted (41-43), one (42) had been replaced by a modern tank, while of the four tracks (38-41, 83), two (40, 83) were metalled and apparently in use. A sheepfold (66) was also a modern construction.

### 3.8 Assessment of Significance (see Appendix 5 for criteria)

No sites within the study area were considered to be of exceptional significance, although three sites outside the area (Leckie Broch, Leckie Burn Bridge and Old Leckie House) did fit the criteria (see Table 2).

No sites within the study area, but three sites outside (Watson House and sundial and Burnton of Boquhan), were of considerable significance.

Fifty-three sites within the study area were of some significance, following both the DBA and walkover survey. Several boundary features identified in the DBA as being significant were found on inspection to be represented solely by modern wire fences; although these may still have followed historic boundary lines, they were no longer significant in themselves. While they are retained in Appendix 1, below, they do not appear in the summary table here; the same applies to sites of some (rather than exceptional or considerable) significance where no visible remains were found on the ground. Of the fifty-three sites still regarded as significant, thirty were boundaries which not only followed lines noted from historical map and documentary evidence, but were also found to be pre-modern dykes rather than wire fences. Eight sites were areas of rig and furrow noted in both aerial photographs and on the ground; their significance stems from the preservation of evidence of pre-improvement farming systems which they represent. Five sites were earthen banks which also represent pre-improvement field systems and some of which may have been former boundaries. Two sites (at Wester Leckie and Knock o’Ronald) were preserved tracks following historic routes, whether or not in current use. The remaining six sites were: a ree (stock enclosure), an enclosure, a ha-ha (concealed boundary), a sheepfold, a stone bridge and a cairn of possible prehistoric origin at Watson House (site 91). All of these were of significance due to their pre-modern date and potential information about historic land-use in the area.

### 3.9 Table 1: Summary of Sites of Cultural Heritage Interest Inside the Study Area

<i>Prehistoric</i>				
<i>No</i>	<i>NMRS No</i>	<i>Name</i>	<i>Type</i>	<i>Significance</i>
91	SSMR6311	Watson House	Cairn	Some
<i>Medieval / Post-Medieval</i>				
<i>No</i>	<i>NRHE No</i>	<i>Name</i>	<i>Type</i>	<i>Significance</i>
1	None	Leckie Burn	Boundary	Some
2	None	Leckie Burn	Boundary	Some
3	None	Myreton Hill Farm	Boundary	Some
4	None	Leckie Burn	Boundary	Some
5	None	Wester Leckie	Boundary	Some
6	None	Loch Logan Wood	Boundary	Some



7	None	Spittalton Wood	Boundary	Some
8	None	Wester Leckie	Boundary	Some
9	None	Wester Leckie	Boundary	Some
10	None	Spittalton Wood	Boundary	Some
11	None	Loch Logan Wood	Boundary	Some
12	None	Slackdown	Boundary	Some
13	None	Heathery Hill Wood	Boundary	Some
14	None	Loch Logan Wood	Boundary	Some
15	None	Heathery Hill Wood	Boundary	Some
16	None	Wester Glen	Boundary	Some
17	None	Heathery Hill Wood	Boundary	Some
18	None	Heathery Hill Wood	Boundary	Some
21	None	Spittalton Wood	Boundary	Some
23	None	Spittalton Wood	Boundary	Some
27	None	Leckie Burn	Boundary	Some
29	None	Leckie House	Boundary	Some
30	None	Leckie House	Boundary	Some
33	None	Leckie House	Boundary	Some
38	None	Wester Leckie	Track	Some
40	None	Knock o’Ronald	Track	Some
44	None	Leckie Burn	Ree	Some
46	None	Leckie Burn	Bridge	Some
52	None	Watson House	Bank	Some
54	None	Knock o’Ronald	Boundary	Some
57	None	Black Craig	Boundary	Some
60	None	Heathery Hill Wood	Sheepfold	Some

62	None	Leckie Burn	Bridge	Some
93	None	Loch Logan Wood	Rig and furrow	Some
94a	None	Heathery Hill Wood	Rig and furrow	Some
94b	None	Heathery Hill Wood	Rig and furrow	Some
95	None	Heathery Hill Wood	Rig and furrow	Some
96	None	Loch Logan Wood	Rig and furrow	Some
97	None	Leckie Burn	Rig and furrow	Some
98	None	Leckie Burn	Rig and furrow	Some
100	None	Heathery Hill Wood	Bank	Some
102	None	Whitehill Wood	Bank	Some
103	None	Whitehill Wood	Bank	Some
104	None	Slackdown	Bank	Some
110	None	Heathery Hill Wood	Enclosure	Some
112	None	Loch Logan Wood	Rig and furrow	Some
113	None	Loch Logan Wood	Enclosure	Some
117	None	Carleatheran	Boundary	Some
120	None	Knock o’Ronald	Ha-ha	Some
200	None	Whitehill Wood	Bank	Some
201	None	Leckie Burn	Bank	Some
204	None	Wester Leckie	Boundary	Some

**3.10 Table 2: Summary of Sites of Cultural Heritage Interest Outside the Study Area**

<i>Prehistoric</i>			
<i>NRHE No</i>	<i>Name</i>	<i>Type</i>	<i>Significance</i>
NS69SE 12	Leckie Broch	Broch	Exceptional
NS69SE 8	Leckie Burn	Bridge	Exceptional

NS69SE 2	Old Leckie	Laird's House	Exceptional
NS69SE 28	Watson House	Country House	Considerable
NS69SE 50	Burnton of Boquhan	Cottage	Considerable
NS69SE 28.02	Watson House	Sundial	Considerable

## 4 Mitigation and Recommendations

### 4.1 Sites inside the Study Area

At worst, development may destroy archaeological sites completely, or, at best, avoid them completely. It is the aim of this assessment to determine the likely threats to and impacts upon sites and to suggest appropriate mitigation measures. Archaeological features can be impacted directly by development, or indirectly by affecting issues such as setting. Likewise, measures such as the re-direction of watercourses or drainage of waterlogged areas may indirectly affect sites by changing the preservation of the environment. Sensitivity varies with each archaeological site but, in general, any ground disturbance greatly affects buried remains: hence current legislation and guidance tends towards preservation in situ.

**Boundaries- Leckie Burn, Myreton Hill Farm, Wester Leckie, Loch Logan Wood, Spittalton Wood, Slackdown, Heathery Hill Wood, Wester Glen, Leckie House, Watson House, Knock o' Ronald, Carleatheran, Whitehill Wood (Sites 1-9, 12, 14-16, 18, 23, 30, 54, 117, 204), Ha-ha- Knock o' Ronald (Site 120)**

Root activity and drainage may undermine and erode the soil beneath drystone dykes and lead to their eventual destruction. Planting may also involve crossing dykes with machinery, severely damaging them. Mitigation should avoid this by preserving a 10.00m corridor of unplanted ground on each side of the dyke, marked out with barrier tape or a similarly visible material.

**Banks- Watson House, Heathery Hill Wood, Whitehill Wood, Slackdown (Sites 52, 100, 102-104, 200-201)**

Earth embankments may be affected in the same manner and mitigation is accordingly the same. As banks are often less visible than stone dykes, it is of still greater importance that the buffer corridor should be clearly marked out with barrier tape or a similarly visible material.

**Rig and Furrow- Loch Logan Wood, Heathery Hill Wood, Leckie Burn (Sites 93-98, 112)**

Areas of rig, preserving evidence of pre-modern farming, are particularly sensitive to damage due to their identical (or very similar) composition to the surrounding soil. Planting and the excavation of drainage and irrigation channels and the movement of heavy machinery in both planting and felling can all contribute to the total destruction of the site. Planting and all machinery should be excluded from the area of rig, which

should be marked out with barrier tape or a similarly visible material, with an external buffer of 10.00m around the full periphery of the site.

#### **Cairn- Watson House (Site 91)**

While of uncertain age and function, this feature would be regarded as large for a field clearance cairn; the possibility therefore remains that it may be a prehistoric burial mound. In either case, it is vulnerable to erosion through root activity and drainage which may undermine the underlying soil. A circular buffer zone 20.00m in radius should be maintained, with its centre at the centre of the cairn, to encompass the entire feature plus a safety zone to allow for associated subterranean remains

#### **Track- Wester Leckie (Site 38)**

Although seemingly simply linear areas of trample, longstanding tracks can provide important evidence about land use and may conceal repeated episodes of re-surfacing. Root action, drainage and irrigation can all undermine and erode the track surface and bed, while use by heavy machinery can cause severe damage. A buffer corridor of 10.00m to either side should be maintained and heavy vehicles should not be permitted to cross or use the track.

#### **Ree- Leckie Burn/Ree (Site 44), Sheepfold- Heathery Hill Wood (Site 60), Enclosure- Loch Logan Wood (Site 113)**

All these feature types are vulnerable to both erosion from planting, drainage and irrigation and damage from machinery. Accordingly, buffers of 10.00m should be maintained around the entire perimeter, marked out with barrier tape or similarly visible material.

### **4.2 Sites Outside the Study Area**

Site 123, Leckie Broch (SM3099) is of exceptional significance as one of only a small number of this type of Iron Age monument known in Southern Scotland. As such, it would ordinarily be of the utmost importance not to impinge upon its setting in any way; however, due to its location already within a wooded area that is thickly overgrown with rhododendrons, it is unlikely to be significantly affected by new forestry planting in the vicinity.

Site 124, the bridge south of Old Leckie House at NGR 69052 94516 (SM2554) is also of exceptional significance as a fine example of a stone rubble built bridge of post-medieval date. Although described in the NRHE as 18<sup>th</sup> Century, it bears a date stone inscribed 1673, along with the legend “EX BENEVOLENTIA/OB SALUTEM” (“Built from benevolence for safety’s sake”). Located outwith the study area and protected to some extent by the watercourse it spans (the Leckie Burn), it is also within a generally wooded setting and unlikely to be compromised by new planting.

Site 125, the 16<sup>th</sup> Century Laird’s House of Old Leckie, is also within wooded grounds, to the north of Leckie Home Farm and without unobstructed views of the proposed area of planting. Its setting will not be affected.

Sites 126, Watson House- of considerable significance- is separated by a fenced track from the northern part of the proposed area of planting. Its setting may be affected by new planting if it extends as far as the site boundary.

Site 127, the B-listed cottage at Burnton of Boquhan, lies almost half a kilometre outside the study area and to the north of a strip of existing woodland. Its setting may not be regarded as significantly affected by the proposed new planting.

Site 128, the sundial formerly at Watson House and now within the grounds of Leckie House, may be considered to be in a sheltered setting screened to the south by buildings and nearby pre-existing woodland. Although its setting to the north may be compromised by the close encroachment of new trees, the fact that it is not in its original location suggests that no action is required.

### 4.3 Summary Table of Recommendations

Sites not listed here are regarded as not being threatened by the proposed planting scheme or as not significant. This includes boundaries already bordering large areas of woodland and those which, on inspection, were found to be represented by modern wire fences. In general, significant linear features should be protected by a 10.00m buffer zone to each side, areas of, eg, rig and furrow should have 10.00m buffers extending around their entire perimeters, with the interior being excluded from planting, and “point” features (building remains, mounds) should have radius buffers of measured from the central point, the actual area dependent upon the size of the feature.

<i>Site No</i>	<i>Archaeological description / site type</i>	<i>Threat from:</i>	<i>Potential result:</i>	<i>Mitigation</i>
1	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
2	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
3	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
4	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
5	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
6	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
7	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
8	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
9	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
12	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
14	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
15	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
16	Boundary dyke	Planting	Destruction	Allow 10.00m buffer

<i>Site No</i>	<i>Archaeological description / site type</i>	<i>Threat from:</i>	<i>Potential result:</i>	<i>Mitigation</i>
18	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
23	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
30	Boundary revetment	Planting	Destruction	Allow 10.00m buffer
38	Track	Planting/ machinery	Destruction	Allow 10.00m buffer, avoid use by site traffic
44	Ree	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
52	Boundary/bank	Planting	Destruction	Allow 10.00m buffer
54	Boundary dyke	Planting	Destruction	Allow 10.00m buffer
60	Sheepfold	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
62	Bridge	Planting/ machinery	Severe damage	Allow 10.00m buffer, avoid use by site traffic
91	Cairn	Planting/ machinery	Destruction	Allow 20.00m radius buffer
93	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
94a	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
94b	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
95	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
96	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
97	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
98	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
100	Bank	Planting/ machinery	Destruction	Allow 10.00m buffer
102	Bank	Planting/ machinery	Destruction	Allow 10.00m buffer
103	Bank	Planting/ machinery	Destruction	Allow 10.00m buffer

<i>Site No</i>	<i>Archaeological description / site type</i>	<i>Threat from:</i>	<i>Potential result:</i>	<i>Mitigation</i>
104	Bank	Planting/ machinery	Destruction	Allow 10.00m buffer
110	Enclosure	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
112	Rig and furrow	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
113	Enclosure	Planting/ machinery	Destruction	Allow 10.00m buffer around perimeter
117	Boundary	Planting	Destruction	Allow 10.00m buffer
120	Ha-ha	Planting	Destruction	Allow 10.00m buffer
126	Country house	Planting	Setting affected	Extend buffer around cairn site 91 along boundary fence in front of house
200	Bank	Planting	Destruction	Allow 10.00m buffer
201	Bank	Planting	Destruction	Allow 10.00m buffer
204	Boundary	Planting	Destruction	Allow 10.00m buffer

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OS 1951 Ordnance Survey, Provisional Edition, Stirlingshire Sheet NXVI and Perthshire Part of Sheet CXXXVIII. 1:10560 (partly revised 1948)

OS 1959 Ordnance Survey, Provisional Edition, Sheet NS69SE. 1:10560 (revised before 1930)

OS 1974 Ordnance Survey, Plan NS 6894-6994. 1:2500 (revised 1973)

OS 1978 Ordnance Survey, Sheet NS69SE. 1:10000 (surveyed 1973-76)

OS 1998 Ordnance Survey, Landline

OS 2010 Ordnance Survey, MasterMap

OS 2015 Ordnance Survey, MasterMap

*Documents in the National Records of Scotland:*

RHP698/1- plan including Leckie Estate

RHP698/2- reference book

*Aerial photographs in the National Record of the Historic Environment*

**Sortie:** 106G/Scot/UK0093; 15 May 1946; **Frame:** 3231-3235, 3370-3374

**Sortie:** 540/1525; 4 February 1955; **Frame:** F21, 0285-0288; F22, 0289

**Sortie:** 542/0206; 12 July 1955; **Frame:** F21, 0121-0122; F22, 0121-0122

**Sortie:** 58/1955; 14 March 1956; **Frame:** F21, 15-20; F22, 15-19

**Sortie:** 58/3565; 24 May 1960; **Frame:** F43, 0254-0257; F44, 0253-0257

**Sortie:** 58/5093; 1 May 1962; **Frame:** F21, 0096-0097

**Sortie:** OS/66/0097; 30 May 1966; **Frame:** 405-410

**Sortie:** OS/72/0097; 25 April 1972; **Frame:** 6-10, 30-34

**Sortie:** ASS/5128; 10 June 1988, **Frame:** 0239

**Sortie:** GEONEX/0121/93; 15 September 1995



## Appendix 1 Sites Identified in Desk-Based Assessment

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition / Description</i>	<i>Dimensions</i>	<i>Statutory Designation</i>
1	Leckie Burn	Boundary	Some	Post-medieval	None	67654 93312 - 68016 93395	Dry-stone dyke on E/W alignment with some capstones in place, largely dilapidated; barbed wire fence on N side at E end	1.2m high where capstones survive	None
2	Leckie Burn	Boundary	Some	Post-medieval	None	6765 9331 – 6776 9229	Dry-stone dyke on N/S alignment, dilapidated in part, roughly repaired capstones at N end; A-profile; has dilapidated stock fence with squared wooden posts on its E side	1.3m high; 0.9m wide at base, 0.3m at top	None
3	Myreton Hill Farm	Boundary	Some	Post-medieval	None	68028 93321 - 67952 94022	Dry-stone dyke on N/S alignment, with A-profile, largely dilapidated; replaced on W side by stock fence with squared and round wooden posts; N end more intact with wire strand fence on E side, barbed on top	up to 1.3m high;	None
4	Leckie Burn	Boundary	Some	Post-medieval	None	6800 9349 – 6843 9366	Footings of dry-stone dyke on E/W alignment, replaced on N side by stock fence	up to 0.8m high	None

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							with wooden posts		
5	Wester Leckie	Boundary	Some	Post-medieval	None	68180 93566 - 68133 93835	Footings of dry-stone dyke on N/S alignment, replaced on W side by stock fence with wooden posts	wall 0.5m high; fence c1m high	None
6	Loch Logan Wood	Boundary	Some	Post-medieval	None	68355 93363 - 68315 93620	Footings of dry-stone dyke on N/S alignment, replaced on E side by stock fence with wooden posts	273m (original); 265m present)	None
7	Spittalton Wood	Boundary	Some	Post-medieval	None	68521 93630 -	Curvilinear dry-stone dyke on SE/NW alignment with A-profile; gap of 23.5m near Send, blocked by two stock fences with wooden posts; partially fallen; in places wall is flanked by fences on each side, one row of barbed wire on E side, lattice wire barbed on top on W side	1.2m high, 1m wide at base	None
8	Wester Leckie	Boundary	Some	Post-medieval	None	68304 94044 - 68238 94328	Dilapidated dry-stone dyke on N/S alignment with stock fence with wooden posts; wall peters out at NS 68265 94244, fence continues; wall	up to 1.1m high	None

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							reappears at NS 68242 94176 and disappears at NS 68304 94044, fence continuing		
9	Wester Leckie	Boundary	Some	Post-medieval	None	68101 94281 – 68238 94328	Dilapidated, moss-covered dry-stone dyke on E/W alignment, overgrown/interrupted by bushes, with stock fence with wooden post on S side	up to 0.9m high, c0.5m wide	None
10	Spittalton Wood	Boundary	Some	Post-medieval	None	68356 93789 - 68261 93759 - 68235 93890 - 68203 93894 - 68138 93839	Dry-stone dyke, dilapidated in places, enclosing woodland; with stock fence with square wooden posts alongside	1m high	None
11	Loch Logan Wood	Boundary	Some	Post-medieval	None	6856 9362 – 6852 9363 – 6853 9338 – 6802 9332 – 6796 9318 – 6804 9306 – 6855 9322	Dry-stone dyke, dilapidated in places, enclosing woodland; replaced by stock fence with square wooden posts	Wall 1.2m high; fence 1.18m high	None
12	Slackdown	Boundary	Some	Post-medieval	None	6780 9222 – 6785 9222 – 6791 9231 – 6812 9237 - 6814 9240 – 6855 9254 – 6858 9257 – 6904 9263 –	Dilapidated dry-stone dyke on E/W alignment with A-profile; replaced by stock fence with squared wooden posts on its S side	1.7m high; 0.9m wide at base, 0.5m wide at top	None

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						6914 9269 – 6934 9270 – 6992 9278			
13	Heathery Hill Wood	Boundary	Some	Post-medieval	None	6856 9322 – 6857 9319 – 6870 9313 – 6885 9314 – 6886 9316 – 6948 9327	Curvilinear dry-stone dyke on E/W alignment. Capstones set on edge resting on a horizontal layer of flat stones; where wall curves round at W end to meet track 40/83 there are offset foundations; at E end, a fence stands 1m on S side of wall	up to 1.7m high; horizontal course, c0.15m thick, is c1.12m from the ground	None
14	Loch Logan Wood	Boundary	Some	Post-medieval	None	6862 9257 – 6859 9287 – 6853 9319	Dry-stone dyke, largely dilapidated, up to 6 courses with capstones of large boulders set on edge surviving in places; A-cross-section	0,9m high; 0.7m wide at base, 0.4m wide at top	None
15	Heathery Hill Wood	Boundary	Some	Post-medieval	None	6933 9270 – 6931 9326	Dry-stone dyke, largely dilapidated, with capstones of large boulders set on edge surviving in places; A-profile	up to 1.6m high at NS 69331 92988; 1.08m wide at base, 0.4m wide at top	None
16	Wester Glen	Boundary	Some	Post-medieval	None	68894 93456 - 68844 93688	Dry-stone dyke in good condition on NNW/SSE alignment with A-profile;	0.9m wide at base, 0.5m wide at at horizontal course	None

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							copestones set on edge on horizontal course; gap 11m wide near S end blocked by stock fence with wooden posts		
17	Heathery Hill Wood	Boundary	Some	Post-medieval	None	6860 9338 – 6883 9344 – 6890 9339	Stock fence with wooden posts on E/W alignment; may have replaced earth embankment in plantation to S	c1m high	None
18	Heathery Hill Wood	Boundary	Some	Post-medieval	None	69927 92800 – 69856 93171	Dry-stone dyke on N/S alignment in good repair, has A-profile; partially collapsed wooden post and wire fence on W side	1m high	None
19	Leckie Burn	Boundary	Some	Post-medieval	None	6859 9360 – 6861 9360 – 6871 9369 – 6912 9370 – 6912 9361 – 6908 9358 – 6908 9357 – 6911 9355	Stock fence with wooden posts on E/W alignment in good condition	c1m high	None
20	Knock o' Ronald	Boundary	None	Modern	None	6910 9408 – 6909 9407 – 6905 9397 – 6892 9391 – 6868 9389	Stock fence with squared wooden posts attached to older wire fence; in good condition	1.12m high	None

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21	Spittalton Wood	Boundary	Some	Post-medieval	None	6835 9380 – 6855 9381 – 6856 9382 – 6855 9384 – 6851 9386 – 6850 9387	Dry-stone dyke on E/W alignment with wooden post and wire fence on S side; W end hidden in nettles	298m	None
22	Knock o' Ronald	Boundary	Some	Post-medieval	None	6833 9385 – 6867 9389	Stock fence with wooden posts on E/W alignment	c1m high	None
23	Spittalton Wood	Boundary	Some	Post-medieval	None	68313 94022 - 68509 94084 – 6866 9401	Dilapidated dry-stone dyke on E/W alignment, no regular copes; visible wall ends at 68509 94084 in gorse bushes, fence continuing	up to 1.2m high, 0.5m wide	None
24	Knock o' Ronald	Boundary	Some	Modern	None	6866 9401 – 6870 9410 – 6898 9413	Stock fence with squared wooden posts in fair condition	1.15m high	None
25	Knock o' Ronald	Boundary	Some	Post-medieval	None	68997 94142 - 69099 94079	Stock fence with squared wooden posts in good condition	1.07m high	None
26	Knock o' Ronald	Boundary	Some	Post-medieval	None	68679 93892 - 68704 94107	Stock fence with squared wooden posts in good condition	1.07m high	None
27	Leckie Burn	Boundary	Some	Post-medieval	None	6913 9407 – 6918 9404 – 6917 9387 – 6892 9378	Stock fence with squared wooden posts which has been heightened as a deer	fence: originally 1.2m high, heightened to 2m	None

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							fence on W side of fence 64; fence has replaced a dilapidated dry-stone dyke whose W end is largely concealed in nettles	wall: up to 1m high, 0.5m wide	
28	Knock o' Ronald	Boundary	Some	Post-medieval	None	688 937 – 688 939	No visible remains	140m	None
29	Leckie House	Boundary	Some	Post-medieval	None	69553 94420	Dilapidated dry-stone dyke enclosing woodland, with modern stock fence with wooden posts	wall up to 0.8m high; fence c1m high	None
30	Leckie House	Boundary	Some	Post-medieval	None	6945 9423 – 6972 9429	Stone revetment on E/W alignment with mature tree on top at E end, broken in places by tree and bush roots; modern stock fence with wooden posts 1m to S of revetment	revetment up to 0.75m high	None
31	Bield Farm	Boundary	Some	Post-medieval	None	6971 9453 – 6954 9448 - 6972 9429	Stock fence with wooden posts on N/S alignment	c1m high	None
32	Leckie House	Boundary	Some	Post-medieval	None	6944 9442 – 6948 9410	Stock fence with squared and round wooden posts	1.14m high	None
33	Leckie House	Boundary	Some	Post-medieval/ Modern	None	6917 9414 – 6927 9410 –	Stock fence with squared and round wooden posts, which	wall 1.1m high, 0.95 m wide at terminal; fence	None

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						6918 9413	has replaced a dry-stone dyke; N end of dyke terminates at a mature tree against which it seems to have been built; barbed wire continues round tree and end of wall to join continuation of fence; wall terminal is squared stones	1.07m high	
34	Leckie Burn	Boundary	Some	Post-medieval	None	6914 9418 – 6911 9428	Stock fence with squared wooden posts on N/S alignment between Leckie Burn and track	85m	None
35	Knock o' Ronald	Boundary	Some	Post-medieval	None	688 940 - 687 941	No visible remains	213m	None
36	Leckie House	Boundary	Some	Post-medieval	None	6917 9414 - 6946 9424	Not recorded	307m	None
37	Leckie House	Boundary	Some	Post-medieval	None	6918 9413 - 6945 9422	Stock fence with squared wooden posts with hedge on roadside	1.03m high	None
38	Wester Leckie	Track	Some	Post-medieval	None	68092 94067 – 68180 93566	Grass farm track largely defined by flanking walls 5, 10 and 204 and fence 203	4m wide	None
39	Leckie Burn	Track	Some	Post-medieval	None	6917 9414 –	No visible remains	160m	None



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						6912 9429			
40	Knock o' Ronald	Track	Some	Post-medieval	None	6878 9392 – 6868 9389 – 6865 9386 – 6865 9373 – 6860 9366 – 6860 9338	Mettled stone estate track in fair condition, patched and repaired, replacing earlier farm track	641m	None
41	Wester Leckie	Well	Some	Post-medieval	None	6809 9402	No visible remains; depression with stones and ceramic pipes nearby		None
42	Knock o' Ronald	Well	Some	Post-medieval	None	68804 93913	Site now occupied by brick tank and overflow		None
43	Knock o' Ronald	Well	Some	Post-medieval	None	6898 9395	No visible remains; a stone visible in grass edge of road		None
44	Leckie Burn	Ree	Some	Post-medieval	None	68017 93306 – 68010 93317 – 68008 93357	Low grassy bank cut by modern track but with a probable entry at SW	53m long; 2m wide; 0.4m high; entry at SW, 2.3m wide	None
45	Whitehill Wood	Sheepfold	Some	Post-medieval	None	6931 9325	No visible remains- area already planted		None
46	Leckie Burn	Ford, Bridge	None	Post-medieval	None	6859 9363	Victorian? bridge of stugged ashlar grey and pink sandstone with lime render; flat capstones on side	Bridge: full span 14.10m, arch span 3.70m (inner); parapets 7.90m long, 0.90m high	None

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							parapets; bridge replaced earlier ford to E; ford is approached by stone-revetted road on both sides of burn	Ford: 7.10m wide narrowing to 2.50m at head on S side, 5.60m narrowing to 5.20m at head on N side; 3 sections of stone revetting, 17.10m to S, 10.30m in middle, 24m to N, latter two sections 1.5m thick at burn	
47	Leckie Burn	Bridge	None	Post-medieval	None	69115 94294	No visible remains		None
48	Leckie Burn	Boundary	None	Post-medieval	None	6910 9438 – 6909 9442	Wire fence, barbed on top, with square wooden posts	c1m high	None
49	Watson House	Boundary	None	Post-medieval	None	6945 9423 - 6936 9453	Stock fence with square wooden posts on N/S alignment	314m	None
50	The Bield Farm	Boundary	None	Post-medieval	None	6965 9446 – 6962 9447 – 6963 9452 – 6966 9450	Stock fence with wooden posts enclosing woodland		None
51	Watson House	Boundary	None	Post-medieval	None	69625 94586	Stock fence with wooden posts on E/W alignment	c1m high	None
52	Watson House	Boundary/bank	None	Post-medieval	None	69560 94442 - 69484 94563	Intermittent curvilinear grass bank on W side of	2-2.5m wide, 0.2m high	None

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							watercourse		
53	Wester Leckie	Boundary	None	Post-medieval	None	6812 9415 – 6825 9420	No visible remains	139m	None
54	Knock o' Ronald	Boundary	None	Post-medieval	None	6891 9379 – 6892 9392	Dilapidated dry-stone dyke which has been replaced by a modern stock fence with wooden posts; at S end dyke is reduced to foundations but N of gateway wall survives almost to full (repaired) height; wall has A-profile	fence 1.2m high; wall at S end, 0.8m wide, 0.4m high; N end 1.3m high, 1m wide at base, 0.5m wide at top	None
55	Knock o' Ronald	Boundary	None	Post-medieval	None	6830 9396 – 6869 9407	Stock fence with wooden posts on E/W alignment	409m	None
56	Heathery Hill Wood	Boundary	None	Post-medieval	None	6889 9350 – 6905 9352 – 6913 9361	Stock fence with wooden posts, on E/W alignment	c1m high	None
57	Black Craig	Boundary	None	Post-medieval	None	6776 9229 - 6780 9222	Not visited	74m	None
58	Watson House	Pheasantry	None	Post-medieval	None	6956 9458	No visible remains		None
59	Leckie Burn	Sheepfold	Some	Post-medieval	None	6797 9338	No visible remains		None
60	Heathery Hill Wood	Sheepfold	Some	Post-medieval	None	NW: 68797 93137; SW: 68810 93107;	Dilapidated remains of mortared stone sheepfold with modern	Fenced enclosure 32m N/S, 27m E/W; stone	None

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						SE: 68856 93114; NE: 68850 93138	stock fence with squared wooden posts forming enclosure to W; entry in NE corner; stone enclosure has 2 cells, larger cell to E has 4 wooden posts; wooden shelter outside SE corner	enclosure 28m N/S, 22m E/W; NE entry 2.65m wide; walls up to 1.4m high, fence 1.15m high	
61	Leckie Burn	Footbridge	None	Post-medieval	None	6771 9322	No visible remains		None
62	Leckie Burn	Bridge	Some	Post-medieval	None	67965 93271	Stone-built bridge across Leckie Burn with roughly metalled track; round arched bridge with cement/concrete? between capstones which are stones set on edge	parapet walls 9.5m long; overall length (including revetted approach on N side) 12.9m	None
63	Knock o' Ronald	Boundary	None	Modern	None	69059 93968 - 69204 93980	Stock fence with squared wooden posts on E/W alignment	1m high	None
64	Knock o' Ronald	Boundary	None	Modern	None	68666 93715 - 68685 93888	Stock fence with squared wooden posts on N/S alignment, barbed on top; N end is an iron post with a wooden barrier across a ditch	1.2m high	None
65	Leckie House	Boundary	None	Modern	None	6929 9399 - 6951 9403	Stock fence with squared wooden posts	1.1m high	None

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66	Leckie House	Sheepfold	None	Modern	None	69414 94388	Single wall of corrugated 3 iron strips spanning posts of fence 49	1.50m high, 6m long	None
67	Leckie House	Sheepfold	None	Modern	None	6930 9398	No visible remains		None
68	Spittalton Wood	Sheepwash	None	Modern	None	6814 9382	No visible remains		None
69	Wester Leckie	Track	None	Modern	None	6813 9414 – 6826 9419	No visible remains	136m	None
70	Leckie House	Boundary	None	Modern	None	6948 9409 – 6940 9405 – 6938 9397 – 6945 9394 – 6948 9401 – 6950 9402	Stock fence with squared wooden posts in good condition	1.07m high	None
71	Easter Leckie	Boundary	None	Modern	None	6950 9402 – 6952 9387	Double fence around garden hedge of Easter Leckie; inner, round wooden posts with two strands of barbed wire; outer, stock fence with squared wooden posts; outer fence continues along driveway to Easter Leckie; good condition	inner 1.15m high; outer 1.1m high	None
72	Leckie Burn	Boundary	None	Modern	None	6917 9414 – 6915 9419 – 6914 9418	Stock fence with squared wooden posts in good condition	1.18m high	None

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73	Leckie House	Boundary	None	Modern	None	6930 9394 – 6938 9397	No visible remains	84m	None
74	Heathery Hill Wood	Boundary	None	Modern	None	6911 9268 - 6885 9312	Stock fence with squared wooden posts in good condition	1.07m high	None
75	Knock o' Ronald	Boundary	None	Modern	None	6868 9397 – 6883 9399	Stock fence with squared wooden posts in good condition	1.04m high	None
76	Heathery Hill Wood	Boundary	None	Modern	None	69078 93541	Stock fence with wooden posts on N/S alignment, in good condition	c1m high	None
77	Loch Logan Wood	Sheepfold	None	Modern	None	6848 9316	No visible remains		None
78	Wester Leckie	Boundary	None	Modern	None	6794 9402 – 6814 9409	Stock fence with squared wooden posts in good condition	c1m high	None
79	Wester Leckie	Boundary	None	Modern	None	6814 9409 – 6810 9427	Stock fence with squared wooden posts in good condition	c1m high	None
80	Knock o' Ronald	Boundary	None	Modern	None	6859 9400 - 6854 9411	Stock fence with wooden posts on N/S alignment	c1m high	None
81	Watson House	Boundary	None	Modern	None	6911 9428 – 6912 9429 – 6914 9432 – 6914 9439	No visible remains	370m	None

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82	Spittalton Wood	Track	None	Modern	None	6814 9375 – 6865 9386	Roughly metalled track on E/W alignment	529m	None
83	Heathery Hill Wood	Track	None	Modern	None	6855 9321 – 6857 9313 - 6956 9318	Roughly metalled track of coarse sand, cobbles and larger stones, continuation of earlier track 40; with a ditch on either side at turning area NS68582 93136; peters out at E end	1129m; track up to 3m wide; ditch 2-3m wide, 0.7m deep	None
84	Loch Logan Wood	Boundary	None	Modern	None	6797 9306 – 6800 9310	Stock fence with squared wooden posts between two areas of woodland; in good condition	1.21m high	None
85	Whitehill Wood	Boundary	None	Modern	None	69856 93171 (E end)	Stock fence enclosing new woodland area	c1m high	None
86	Loch Logan Wood	Boundary	None	Modern	None	67685 93051 - 6797 9306 – 6804 9292 – 67705 92911	Stock fence with round and squared wooden posts enclosing woodland area; with wooden styles	1.2m high	None
87	Loch Logan Wood	Boundary	None	Modern	None	6811 9300 – 6818 9281 - 6845 9291 - 6854 9312	Stock fence with round and squared wooden posts in good condition, enclosing woodland; with	1167m; 1.14m high	None

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							wooden styles		
88	Heathery Hill Wood	Boundary	None	Modern	None	6890 9305 – 6902 9283 - 6932 9291 – 6932 9308	Stock fence with squared wooden posts; with wooden styles	1.06m high	None
89	Knock o' Ronald	Boundary	None	Modern	None	6883 9399 – 6885 9411	Stock fence with squared wooden posts in good condition; some replacement posts	1.15m high	None
90	The Bield Farm	Boundary	None	Modern	None	6970 9459 - 6971 9453	Not visited		None
91	Watson House	Cairn	Some	Prehistoric?	SSMR6311	69350 94510	Oval mound with occasional stones protruding in grass- and nettle-covered surface of possible clearance cairn; tree stump near n end, mature tree on W side; steep slope to E, gentle slope to W	17.60m N/S, 7m E/W; up to 1m high	None
92	Leckie Burn	Limestone quarry	Some	Post-medieval	SSMR3932	67800 93300	No visible remains; GPS point is in a natural gully with gorse-covered sides and gorse in the base (former course of Leckie Burn?)		None



<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition / Description</i>	<i>Dimensions</i>	<i>Statutory Designation</i>
93	Loch Logan Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	68529 93126 – 68466 93124	Undulating area of rig and furrow; rigs from 1.8-2.5m wide, separated by wet furrows 1m wide; one ditch is crossed by roughly laid timbers for bridge	63m E/W, 45m N/S	None
94A	Heathery Hill Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	NW: 68622 93114; SW: 68634 93050; SE: 68684 93013; NE: 68662 93118; S: 68676 93012	Area of undulating linear strips of broad light (rig) and narrow dark (furrow) stripson N/S alignment on W side of bank 100; cut by pipeline 108 into two parts	rigs up to 3.5m wide, furrows up to 2m wide	None
94B	Heathery Hill Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	NW: 68765 93131; SW: 68781 03069; SE: 68806 93074; NE: 68784 93136	Area of undulating linear broad dry light grass separated by narrow wet dark grass between track 83 and wall 13	rigs up to 5m wide, furrows 1.75m wide	None
95	Heathery Hill Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	NW: 69368 93262; SW: 69402 93180; SE: 69428 93173; NE: 69448 93255	Rigs aligned NNE/SSW or N/S; survives best adjacent to wall 13	furrows 4m apart and up to 2m wide (but generally 1-1.5m wide) and 0.1-0.15m deep	None
96	Loch Logan Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	67860 92872 (NE); 67858 92807 (SW)	Possible area of 4 rigs and 4 furrows or ditches/ploughing for	rigs 3.5m wide, furrows 0.5m wide	None

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition / Description</i>	<i>Dimensions</i>	<i>Statutory Designation</i>
							forestry in flat area below slope		
97	Leckie Burn	Rig and furrow	Some	Medieval/ Post-medieval	None	6797 9335 (centre)	Slight linear undulation of three broad strips of short grass separated by three narrow strips of long grass on N/S alignment	rigs 1.5m wide, furrows 0.75m wide	None
98	Leckie Burn	Rig and furrow	Some	Medieval/ Post-medieval	None	67683 93179 – 67773 93200	Undulating area of rig and furrow comprising some 25 rigs separated by furrows; rigs extend from edge of gully of Leckie Burn in N to an area of boggy grass to S then reappear to S of boggy grass	N area: c86.4m E/W, c24.8m N/S; boggy grass 12.8m wide N/S; S area c32m N/S	None
99	Leckie Burn	Rig and furrow	Some	Medieval/ Post-medieval	None	6903 9363 (centre)	No visible remains		None
100	Heathery Hill Wood	Bank	Some	Medieval/ Post-medieval	None	68673 93110 – 68684 92861	Curvilinear grass bank on N/S alignment, eroded in places and cut by pipeline 108; S end fades out at gorse bush	250m long overall; 1.5m wide, 0.5m high	None
101	Heathery Hill Wood					6876 9313 – 6878 9298	Natural feature – edge of gully of watercourse		

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition / Description</i>	<i>Dimensions</i>	<i>Statutory Designation</i>
102	Whitehill Wood	Bank	Some	Medieval/ Post-medieval	None	69596 92819 – 69634 92989	Grass bank on N/S alignment, crossing bank 104; at N end disappears into gorse	2m wide, 0.3m high	None
103	Whitehill Wood	Bank	Some	Medieval/ Post-medieval	None	69458 93265 – 69450 93136	Grass bank on NNE/ SSW alignment	2m wide, up to 0.5m high	None
104	Slackdown	Bank	Some	Medieval/ Post-medieval	None	67730 92709 - 69883 92965	Linear grass bank crossing landscape on approx E/W alignment; discontinuous – cut by watercourses and at SW corner of fence 87 and poss worn away in places; continues to E beyond wall 18	up to 2m wide, 1.2m high	None
105	Whitehill Wood	Curvilinear feature				6971 9301 – 6969 9314	No visible remains, already afforested	131m	None
106	Loch Logan Wood	Enclosure	Some	Unknown	None	6826 9346	No visible remains		None
107	Leckie Burn	Rig and furrow	Some	Medieval/ Post-medieval	None	6880 9366 (centre)	No visible remains		None
108	Loch Logan Wood	Oil pipeline	None	Modern	None	6770 9288 - 6986 9315	Track of pipeline visible on APs; posts mark route on ground	2176m	None
109	Leckie Burn	Sheepfold	None	Modern	None	68858 93595	Irregular sub-oval depression on W side of gate in wall 16	c5m diameter, up to 1m deep	None

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition / Description</i>	<i>Dimensions</i>	<i>Statutory Designation</i>
110	Heathery Hill Wood	Enclosure	Some	Medieval/ Post-medieval	None	NW: 69018 93190; SW: 69022 93176; SE: 69035 93186; NE: 69032 93198	Low turf bank enclosure, almost square in shape	17m E/W, 14m N/S; bank 0.5m wide, 0.3m high	None
111	Heathery Hill Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	6890 9354 (centre)	No visible remains		None
112	Loch Logan Wood	Rig and furrow	Some	Medieval/ Post-medieval	None	NE: 68360 93647; SE: 68343 93622; SW: 68317 93616; NW: 68328 93632	E/W aligned rig and furrow on both sides of fence 4, visible as shallow furrows	furrows 0.1m deep, 1-1.5m apart	None

## **Appendix 2 Sites Outside the Study Area Affected by Proposed Development**

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition</i>	<i>Distance from study area</i>	<i>Statutory Designation</i>
123	Leckie Broch	Broch	Exceptional	Prehistoric	NS69SE 12	6926 9399	Monument	4m	SM3099
124	Leckie Burn	Bridge	Exceptional	Post-medieval	NS69SE 8	69052 94516	Monument	6m	SM2554
125	Old Leckie	Laird's House	Exceptional	Post-medieval	NS69SE 2	68980 94690	Monument	240m	A-listed; LB10445
126	Watson House	Country House	Considerable	Post-medieval	NS69SE 28	69223 94603	Monument	70m	B-listed; LB10448

No	Name	Type of Monument	Significance	Period	NMRS No	NGR (NS)	Current Condition	Distance from study area	Statutory Designation
127	Burnton of Boquhan	Cottage	Considerable	Post-medieval	NS69SE 50	67718 94557	Monument	477m	B-listed; LB10443
128	Watson House	Sundial	Considerable	Post-medieval	NS69SE 28.02	69259 94587	Monument	70m	B-listed; LB10447

### Appendix 3 Further Sites Discovered in Walkover Survey

No	Name	Type of Monument	Significance	Period	NMRS No	NGR (NS)	Current Condition	Dimensions & Distances	Statutory Designation
113	Loch Logan Wood	Enclosure	Some	Post-medieval	None	68250 93050 - 68268 93054 - 68275 93085	Monument	32m N/S; 19m E/W	None
An L-shaped linear turf bank on E/W alignment with northward return at E end									
114	Loch Logan Wood	Enclosure	None	Modern	None	68030 93206 - 68024 93295 - 68011 93359 - 68023 93366	Monument	70m N/S; 11m E/W; fence 1.2m high	None
Stock fence with square wooden posts, forming an enclosure to replace Ree 44, extending across Leckie Burn; gateway at wall dividing enclosure in two									
115	Loch Logan Wood	Boundary	None	Modern	None	67654 93312 - 68005 93398	Monument	1.03m high	None
Stock fence with square wooden posts on E/W alignment with wooden fence turning to wall 1 at E end									
116	Heathery Hill Wood	Boundary	None	Modern	None	68862 93104 - 68858 93114	Monument	1.08m high	None
Fallen stock fence with square wooden posts; could be original line of fence 74 to sheepfold 60 before being replaced by existing n end of fence 74									

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition</i>	<i>Dimensions &amp; Distances</i>	<i>Statutory Designation</i>
117	Carleatheran	Boundary	Some	Medieval/ Post-medieval	None	69252 92744 – 69333 92755	Monument	2.5m wide; 0.5m high; 81m long	None
Curvilinear turf bank on E/W alignment, extending under wall 15, eroded in places; stones visible – possible stone wall or footings									
118	Leckie Burn	Boundary	None	Modern	None	68917 93794	Monument	1.2m high	None
Dilapidated stock fence with square wooden posts across corner of fences 27 and 54									
119	Knock o' Ronald	Enclosure	None	Modern	None	68693 93960	Monument	1.04m high	None
Stock fence with round wooden posts forming a circular enclosure									
120	Knock o' Ronald	Ha ha	Some	Post-medieval	None	68704 94107 - 68997 94142	Monument	over 295m long	None
At W end turf-covered stone bank, 1.5m wide, 0.5m high; stone revetting, of 6 courses (0.8m high), apparent at NS 68788 94115; at W side of junction of fences 24 and 89 revetting has been removed for a gateway in fence 24; on E side of fence 89, at NS 68849 94115 a ditch, c1m deep, 3-4m wide, apparent; revetting and ditch continue E of fence 25; a line of mature trees has been planted on turf bank and revetting									
121	Leckie House	Water tank	None	Modern	None	69434 93850	Monument	10.4m N/S, 4.8m E/W	None
Rectangular grass-covered platform with sloping sides to W, N and S; manhole near NW corner and trap in NE corner									
122	Leckie House	Enclosure	None	Modern	None	69368 93825 - 69409 93837	Monument	43m long; 1.12m high	None
Stock fence with square wooden posts forming N edge of a squared enclosure within tree-covered area									
200	Whitehill Wood	Bank	Some	Medieval/ Post-medieval	None	69368 93825 - 69409 93837	Monument	c2m wide, 0.5m high	None
Curvilinear bank on NW/SE alignment, extending northwards from bank 104									

<i>No</i>	<i>Name</i>	<i>Type of Monument</i>	<i>Significance</i>	<i>Period</i>	<i>NMRS No</i>	<i>NGR (NS)</i>	<i>Current Condition</i>	<i>Dimensions &amp; Distances</i>	<i>Statutory Designation</i>
201	Leckie Burn	Bank	Some	Medieval/ Post-medieval	None	68955 93543 - 68995 93551	Monument	1-2m wide, 0.1m high	None
Barely perceptible E/W bank on S edge of field parallel to fence 56; peters out at both ends									
202	Spittalton Wood	Boundary							
Same as wall 10									
203	Wester Leckie	Boundary	None	Modern	None	68138 93839 - 68092 94067	Monument	c 1m high	None
Stock fence with wooden posts on N/S alignment on E side of track 38 as far as S corner with wall 10									
204	Wester Leckie	Boundary	Some	Post-medieval	None	68132 93839 - 68092 94067	Monument	up to 0.9m high; generally 0.2m high; 0.4m wide	None
Dilapidated dry-stone dyke on N/S alignment on W side of track 38; N end is grassed over wall footings but more substantial remains further S before declining to wall footings at S end; continuation of wall 5									
205	The Bield Farm	Bridge	None	Modern	None	69560 94442	Monument	3m long, 2m wide	None
Grassed over bridge, probably timber (traces of logs) across watercourse or ditch									
206	The Bield Farm	Boundary	None	Modern	None	69629 94528 - 69625 94586	Monument	c 1m high	None
Stock fence with wooden posts on N/S alignment									

## Appendix 4 Photographic Register

<i>Number</i>	<i>View</i>	<i>Description</i>
		<b>Camera 1</b>
1-2	E, S	Track 83
3-4	N, S	Dry-stone dyke 14
5-8	W, NW, N	Rig and furrow 93
9-10	W	Boundary fence 87 of woodland; dry-stone dyke 14 and rig and furrow 93
11-13	N, NW	Dry-stone dyke 11, general
14-15	NE, W	Detail of dry-stone dyke and modern fence 11; dry-stone dyke 14 in background
16-18	N, NE	Rig and furrow 93; dyke 11 to left dyke 14 in background
19	N	East bank of 113
20-21	S	East and south banks of 113
22-23	N	East bank of 113
24	W	South bank of 113
25-26	E	South and east banks of 113
27-28	S, N	West side of wall 11
29-30	W, E	Fence 84 at junction with wall 11
31-34	S, SW, NW, N	General of NW area between fence 84 and Leckie Burn
35-36	S	Ree 44
37-38	N	Ree 44
39	E	Ree 44
40-42	S, SE	Fence 114
43-45	E	Rig and furrow 97 (with inquisitive Highland cows!); wall 1 and fence 115 to right
46-48	W	Rig and furrow 97 (with inquisitive Highland cows!); wall 1 and fence 115 to left and wall 3 in background
49	W	Dry-stone dyke 1 with fence 115
50	S	Dry-stone dyke 3
51-52	W, SW	Dry-stone dyke 3



53-54	W	Rig and furrow 97; wall 1 and fence 115 to right
55	NW	Dry-stone dyke 1 with fence 115
56-57	S, SE	General to S at Site 97
58-60	S, N	Bridge 62
61-62	W, SW	E wall of Bridge 62 at N end
63	S	General of bridge 62
64-66	E, NE, SW	GPS site of limestone quarry 92; no visible remains – no quarry debris
67-69	W, SW, NW	GPS site of limestone quarry 92; no visible remains – no quarry debris
70-72	SE, S, SW	General shots near site 92
73-75	W, SW, NW	W end of quarry/gulley 92 at NS 67677 93239
76-77	S, SE	General shots near W end of site 92
78-79	E	Dry-stone dyke 1 and fence 115 at W end
80-81	S, N	Dry-stone dyke 2
82-83	N	Site of footbridge 61
84-85	W	Rig and furrow 98
86-87	S	Sample rig of 98
88-90	E	Rig and furrow 98
91-92	E	Fence 86
93	N	Dry-stone dyke 2 on N side of woodland fence 86
94-95	S	Dry-stone dyke 2 on S side of woodland fence 86
96-97	N	Detail of dry-stone dyke on S side of woodland fence 86
98-101	SE-S	General of bank 104
102	W	Inneos oil pipeline marker post 108 at wall 2
103-105	E, W, E	Grass bank 104 (wall 2 in background) at NS 67744 92725
106-108	NW, N, NE	General of area from bank 104 across site of rig 96 (no visible remains) (wall 2 in background) at NS 67765 92729
109-110	SE, S	General of area from bank 104
111	W	Grass bank 104 (wall 2 in background)

112-113	SE, SW	General of area from bank 104 towards dyke 12 and fence 57 in distance (dyke 2 to right)
114-116	N	Possible rig and furrow 96 to S of fence 86 (ploughing or ditches for forestry?)
117-118	E, W	Grass bank 104 at NS 67896 92727
119-121	NW, SE, W	General views from grass bank 104 at NS 67896 92727
122	W	Grass bank 104 at NS 68062 92777
123	E	Grass bank 104 at NS 68130 92797
124	N	SW corner of fence 87 (wrong number on board)
125	NW	General view from SW corner of fence 87
126	W	Grass bank 104 at SW corner of fence 87
127	S	General view to S with dyke 12 in distance
128	W	Grass bank 104 at NS 68326 92830
129	W	Grass bank 104 at NS 68414 92858
130	W	E end of grass bank 104 at NS 68951 92890
131	N	Dry-stone dyke 14 at NS 68951 92890
132	NW	General view from NS 68951 92890
133-135	N, NW, NE	Dry-stone dyke 13 at NS 68607 93171
136	W	Oil pipeline 108 and E side of fence 87
137-139	S, E, SE	Grass bank 100 at NS 68688 92995
140	N	Grass bank 100 at NS 68684 92861 to gorse bush
141	N	Grass bank 100 at NS 68684 92881 from gorse bush
142-143	N	Rig and furrow 94A and grass bank 100 to right from NS 68684 92882; wall 13 and track 83 in background
144	N	Northern part of grass bank 100 at NS 68677 93080
145-146	S	Grass bank 100 full extent from N end at NS 68673 93110 (wrong direction on board of image 145)
147	S	Detail of northern part of grass bank 100
148-150	SW, W	Grass bank 100 and rig and furrow 94A (wall 14 and pipeline marker 108 in background)
151-152	NW, W	Rig and furrow 94A at NS 68686 93013

153-154	SE, E	Rig and furrow 94B at NS 68765 93131 (wall 13 to left, fence sheepfold 60 in background)
155-156	SW, S	Rig and furrow 94B (natural feature 101 to right)
157-158	NE, E	West fence of western extension of sheepfold 60
159-161	NE, E	Original stone sheepfold 60
162-163	NE	Fences 116 (foreground) and 74 (background); sheepfold 60 to left, wall 13 to rear
164	S	N end of Fence 74
165-166	E, W	Enclosure 110
167-170	SE, E, SW	General view at NS 69038 93192 with wall 12 in distance and track 83 in middle distance
171	S	Fence 88 and wall 15
172	E	Wall 15 and oil pipeline marker post 108
173	N	Fence 88 and wall 15
174-176	E, SE, NE	Dry-stone dyke 15 showing horizontal course and (replaced?) capstones
177-178	SE	General and detail of junction of dry-stone dykes 15 and 12
179	W	Dry-stone dyke 12
180-182	N, NW, N	General view from wall 12 of bank 117 in middle distance
183	E	Bank 117 and wall 15
184-185	E, SE	W end of wall 13
186-187	E, NE	Fence 27
188	SW	Fences 27 and 64
189-194	E, NE, N, NW, W, SW	General view from NS 68773 93756
195-197	S, SW, SE	Wall and fence 27
198	SE	Fences 54 and 118
199	E	Fence and wall foundations 54
200	E	Gateway in wall and fence 27
201-202	N	Profile of wall 27
203	SW	Walls/fences 27 and 54

204-205	E, NE	General view of wall/fence 27 from NS68953 93805
206-208	NE, NW, N	General view from NS 69088 93878
209	E	Fence 63
210	NW	Fences 20 and 63
211-212	W, SW	N end of drywstone dyke 54
213	N	Overflow and tank on site of well 42
214	NE	Junction of fences 20 and 64
215	N	Fences 20 (right back), 26 (left), 64 (right front) and 75 (back) with track 40
216-217	SE	Circular fenced enclosure 119
218-220	N	General to N of fence 75 (fence 26 to left, fence 75 to right)
221	W	W end of turf-covered stone wall of ha-ha 120
222-224	N, NW, NE	Turf bank and start of stone revetting of ha-ha 120
225-227	N, NW, NE	Stone revetting of ha-ha 120 at fence 89
228	E	Ditch and stone revetting of ha-ha 120
229-230	N, NW	Ditch and stone revetting of ha-ha 120 at fence 25 with fence 24 in background
231	W	Ditch and stone revetting of ha-ha 120 at fence 25
232	SE	General views from NS 69191 94126 between fences 33 to right and 37 to left
233-235	W, NW, SW	Wall end and fence 33
236-237	W	Detail of wall end 33 and tree
238-243	N, NE, E, SE, S, SW	General views from NS 69308 93975, towards Watson House (formerly new Leckie House) to N and new Leckie House to NE; fence 73 to S and wall/fence 33 to W
244-246	N, NE, E	General views from NS 69313 93824
247-250	W, NW, SW, S	Wall 33 at NS 69313 93824
251-252	E	'Mound' 121 (water supply for new Leckie House!) with fences 122 to right and 71 in background
253-255	W, NW, N	General views from NS 69528 93871 with fences 71 to left, 70 in distance and 71 to right
		<b>Camera 2</b>
001-002	N	Dry-stone dyke 18

003-006	NW, N	General views from S end of wall 18
007-008	S, SE	General views from NS 69875 92949 towards junction of walls 12 and 18
009-010	W, E	E end of bank 104
011-012	N	Bank 200
013-014	NE	Pipeline 108 marker at wall 18
015-016	SW, W	General views from E boundary of survey area at pipeline marker 108
017-018	S	Dry-stone dyke 18
019-020	E, W	Fence 85, with dyke 18
021	NE	New afforestation behind fence 85, with dyke 18
022-024	N, S	Site of 105 at NS 69741 93108
025-026	N, S	Bank 102
027-028	E	Bank 104 at junction with bank 102
029-030	N, S	S end of bank 102 (wall 12 in background to S)
031-032	S, SW	No visible remains of rig and furrow 95 at NS 69569 92066 (wall 12 in background)
033-034	N, S	Bank 103 at S end
035-036	E, NE	Location of S end of bank 103 (view to fence 85 from NS 69453 93170)
037-038	N, S	Bank 103 at NS 69453 93170 (walls 13 to N and 12 to S in distance)
039-040	N, S	Bank 103 at NS 69458 93265 (walls 13 to N and 12 to S in distance)
041-042	E, W	Fence and dry-stone dyke 13 at NS 69458 93265
043-044	SW, W	Rig and furrow 95 from NE corner
045-046	NW, N	Rig and furrow 95 from SE corner
047-048	N, NE	Rig and furrow 95 from SW corner
049-050	E, SE	Rig and furrow 95 from NW corner
051-052	E	Fence 17 at NS 68610 93397
053	S	S end of wall 16 at junction with fence 17
054	N	S end of wall 16 beyond gap at junction with fence 17
055-056	E, W	Fence 56 (wall 16 in background to W)
057-060	W, NW, NE, SE	No sign of rig and furrow 111 at NS 68957 93569 (wall 16 in background to W; fence 56 to S)

061-062	W, SW	Bank 201 (fence 56 to S, wall 16 to right)
063-064	E, SE	Fence 76
065-066	NE, N	No sign of rig and furrow 99 at NS 69008 93614
067	E	Fence 19
068-069	S, SW	N end of wall 16 at NS 68844 93688
070-071	S, SE	Depression on possible site of sheepfold 109
072-073	N, NW	No sign of rig and furrow 107 (wall 16 to right)
074	S	Track 40 at NS 68591 93593
075	N	Track 40 at NS 68603 93526
076-077	N, S	Track 40 at NS 68614 93432
078-079	S, N	Bridge 46
080-083	W	Bridge 46
084-085	SE	E revetting on S side for approach road to ford 46 (burn is tributary of Leckie Burn)
086	N	E revetting on S side for approach road to ford 46 at Leckie Burn
087-088	NE	E revetting on N side of approach road to ford 46 (wall and fence 27 in middle back)
089	S	Approach road with revetting on both sides on N side of ford 46
090-091	NW, SE	Wall 7 at S end
092-093	W, NW	Gap in wall 7 at NS 68519 93632
094-095	W, SE	Wall 7 after gap at NS 68496 93654
096	SW	Gate in wall 7 at NS 68456 93658
097-098	NW, SE	Bend in wall 7 at NS 68412 93673
099-100	SE, NW	N end of wall 7 at NS 68358 93787 (wall and fence 21 hidden by nettles)
101-102	W, E	Track 82 at gate in wall 7 (wall and fence 21 in background on N side of track 82)
103-104	W, N	Wall 10=202 enclosing Spittalton Wood at N end of wall 7 (wrong number on board)
105-106	E, N	Corner of wall 10=202 at NS 68261 93759 (wrong number on board)
107-110	E, SE, SW, W	General views from NS 68261 93759
111-112	S, W	Wall and fence 10 at NS 68235 93890

113-114	S, W	Wall and fence 10 at NS 68203 93894
115-116	NE, N	Wall and fence 10 at track 38, at NS 68138 93839
117-118	S, N	Wall and fence 5 beside track 38 at NS 68133 93835
119-120	S	Bridge for track 38 over burn/ditch at site of sheepfold 68
121	SW	Wall 5 at NS 68143 93785
122	N	Wall 5 at S end
123-124	W, E	Wall and fence 4 at junction with wall 5 and track 38 (wall 7 in distance to E)
125	S	N end of realigned boundary fence 6 at junction with wall/fence 4 at NS 68315 93620
126-128	NW, N, NE	General views from NS 68315 93620 (wall/fence 5 in middle distance to W with wall 3 beyond; wall 10=202 to N; wall 7 to E)
129-130	E, NE	Possible rig and furrow 112 at NS 68317 93616
131-133	N, NW, NE	General view of site of rig 112 at NS 68317 93616
134-137	E, N, W, S	Site of cropmark 106
138	S	N end of wall footings 6 at NS 68340 93493
139	N	S end of wall footings at NS 68355 93363
140	W	Wall and fence 11 on N side of Logan Wood at NS 68282 93336
141	E	W end of wall and fence 11 on N side of Logan Wood at NS 68028 93321
142	N	S end of wall 3 at junction with wall 11 at NS 68028 93321
143-145	S, W, N	Gate in wall 3 at NS 68015 93438
146	SW	Wall and fence 3 near N end at NS 67969 93904
147-149	N, NE, E	General views from NS 67969 93904
150	S	Wall and fence 3 at N end at NS 67952 94022
151	E?	Fence 78 at junction with wall 3 at NS 67952 94022 (wrong direction arrow?)
152	S	Track 38 with wall footings 204 to right and fence 203 to left at NS 67952 94022
153-155	S, SE, NE	Wall footings 204 with track 38 and fence 203 to left at NS 67952 94022
156-157	E, N	Depression in track 38, possibly associated with well 41 at NS 68098 94031 (wall 204 to left, fence 203 to right, fence 78 in background)
158	N	S end of wall 204 (track 38 and fence 203 to right)
159	N	Track 38 at gate between wall 10 and walls 5/204 (fence 203 to right)

160	N	Fence 79 at corner with fence 78
161	E	W end of wall and fence 9
162	W	E end of wall and fence 9
163	S	Wall and fence 8 at N end
164-165	N, S	Wall 8 peters out at NS 68265 94244, fence continues
166	W	No visible remains of track 69 and boundary 53
167	S	Wall 8 reappears at NS 68242 94176
168	N	Wall 8 disappears again at NS 68304 94044, fence continues
169	E	W end of wall and fence 23
170	N	S end of wall and fence 8 at junction with wall fence 23
171-172	E, W	Wall and fence 23 at bend at NS 68509 94084
173	S	Fence 80 at N end
174	W	Fence 55 at E end
175	E	Junction of fences 26 (N/S) and 75 (E/W) (enclosure 119 to right)
176-177	N, S	Fence 26 at junction with fence 75
178-179	S, SW	E end of stone revetment and fence 30, with mature tree on top of revetment
180	N	Fence 31
181	W	General view at NS 69616 94480 (fence 49 in distance)
182	N	South end of fence 207 (wrong number on board) at NS 69629 94528
183	W	Fence 51 at E end
184	N	Site of pheasantry 58 (fence 51)
185-186	SE	Bank 52 beside watercourse at N end
187	NW	Bank 52 at S end with bridge 205
188	NE	Bridge 205 (fences 50 to right and 207 to left in background)
189	NW	Bridge 205 (fence 51 in background)
190-192	S, SE, SW	Wall and fence 29 enclosing woodland at NS 69553 94420
193	W	Sheepfold 66 in fence 49
194	N	Fence 49 at sheepfold 66



195-197	NW, SW, W	Cairn 91
198-200	S	View from cairn
201-202	S	N end of cairn 91
203	E	Fence 51 (cairn 91 in background and fence 49)
204-205	S, W	Cairn 91
206	S	Fence 48 at NS 69090 94419
207-208	E	No sign of bridge 47 at NS 69115 94294
209-210	S	Fence 34

## Appendix 5 Criteria for Assessment of Significance

### 5.1 Levels of significance

Four levels of significance have been used, derived from previous work carried out, notably by national and international conservation bodies. They deal with how worthy the particular asset is in terms of its importance, or alternatively, how dispensable it is. The terminology largely follows that outlined in the *Burra Charter*, and is as follows:

- *Exceptional*      Widely regarded as an indispensable archaeological asset.
- *Considerable*    A key feature, worth preserving if at all possible.
- *Some*             Of interest – should normally be protected.
- *Little*             Features which, at present, are thought to have relatively low archaeological value. Features of little significance are generally not dealt with here.

There is often no clear division between the above definitions; assessment of significance largely depends on underlying knowledge and understanding of the various attributes of the resource. Value judgements are an inevitable part of the process, and the evaluation may change as values develop.

### 5.2 Assessment Criteria

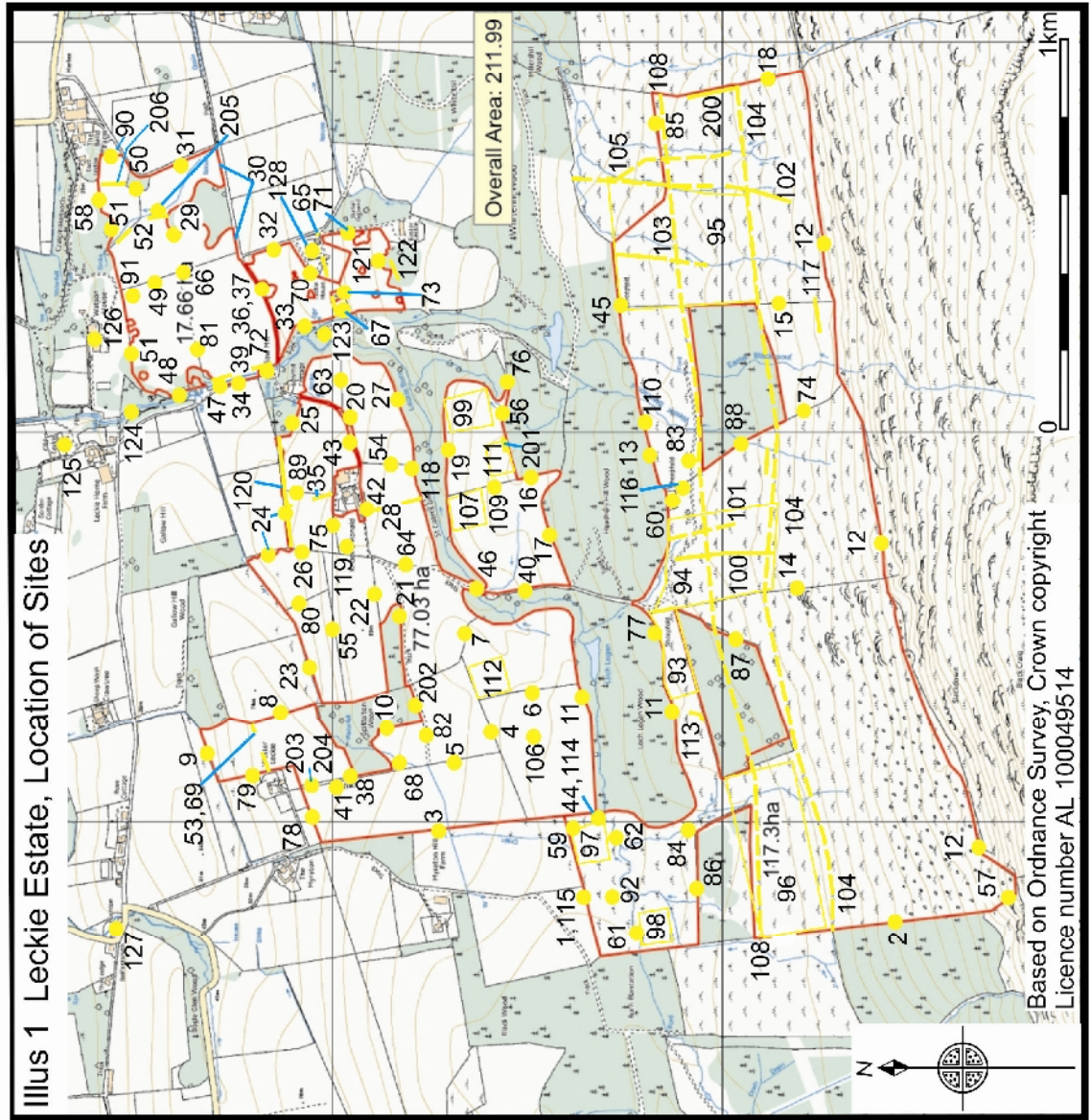
Criteria used by English Heritage and Historic Scotland to determine the significance of archaeological sites for scheduling purposes have been used by Alder to define the grounds on which the assessment of significance is made. These are not exhaustive, and other criteria may be applicable.

- *Survival*: the quality of the survival of a site can be of importance, and the survival potential of below- and above-ground remains is crucial to the importance of the site.
- *Period*: whether the site is a good example of its period, or whether it shows evidence of long-term or multi-period use. Contemporary sites of different types also complement each other in terms of the information and evidence they show.
- *Group Value*: the value of a single site is enhanced greatly by being part of an associated group of related sites. In such cases preservation of not just the group, but also the context of the group should be seriously considered.
- *Rarity*: some sites, due to the overall rarity of the type, merit raised importance despite not appearing to be particularly good examples.
- *Situation*: some sites are more abundant in different geographical areas than others, and accordingly may have higher potential value if geographically more rare.
- *Diversity of Form*: whether the style is different from others of its type in terms of style or function perhaps, or according to regional variations.
- *Multiperiod / single period*: sites showing evidence of successive reuse can have special value because they may contain particularly fine evidence of phasing and stratigraphy. Likewise, a single period site will generally have more evidence of the different functions carried out within it through having well-preserved archaeological relationships. Good examples of both site types are important in terms of their overall informational value.
- *Documentation*: a site may have particularly extensive supplementary information, such as charters or estate maps, which informs and enhances our overall understanding of it, yet cannot be seen through archaeological research. This information can serve to flesh out the evidence gathered by other means.
- *Potential*: the site may be viewed as having significant potential for providing further information on the past, or predictions may suggest that undiscovered deposits may have high informational value.

- *Amenity value*: the site may easily accessible by the general public, and its preservation may therefore be of benefit as an amenity.

## Appendix 6 Discovery & Excavation in Scotland Entry

<b>LOCAL AUTHORITY:</b>	Stirling
<b>PROJECT TITLE/SITE NAME:</b>	Leckie Woodland Survey
<b>PROJECT CODE:</b>	ST30
<b>PARISH:</b>	Gargunnoch
<b>NAME OF CONTRIBUTOR:</b>	David Perry
<b>NAME OF ORGANISATION:</b>	Alder Archaeology
<b>TYPE(S) OF PROJECT:</b>	Desk-based assessment and walkover survey
<b>NMRS NO(S):</b>	NS69SE 12, NS79SW 15
<b>SITE/MONUMENT TYPE(S):</b>	Broch; cultivation remains
<b>SIGNIFICANT FINDS:</b>	Rig and furrow, field banks, possible building, possible ha-has
<b>NGR (2 letters, 8 or 10 figures)</b>	NS 6889 9351 (centre)
<b>START DATE (this season)</b>	10 June 2019
<b>END DATE (this season)</b>	12 June 2019
<b>PREVIOUS WORK (incl. DES ref.)</b>	Leckie Broch excavation 1973
<b>MAIN DESCRIPTION:</b> (NARRATIVE) (May include information from other fields)	Alder Archaeology was commissioned by Scottish Woodlands to undertake a desk-based assessment and walkover survey at Leckie, Gargunnoch, Stirling in advance of a proposed afforestation scheme. The survey was undertaken by two archaeologists on 10-12 June 2019 (Alder site code ST30). The survey area is divided in two parts by an existing woodland belt. South of the woodland were remains of pre-improvement rig and furrow and grass banks, including a possible former head dyke. North of the woodland belt were the remains of one, possibly two, ha-has as well as some possible rig and furrow. A cropmark on APs may indicate a former building but there were no visible remains on the ground.
<b>PROPOSED FUTURE WORK:</b>	
<b>CAPTION(S) FOR ILLUSTRS:</b>	
<b>SPONSOR OR FUNDING BODY:</b>	Scottish Woodlands
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	Alder Archaeology Ltd, 55 South Methven Street, Perth PH1 5NX
<b>EMAIL ADDRESS:</b>	<a href="mailto:director@alderarchaeology.co.uk">director@alderarchaeology.co.uk</a>
<b>ARCHIVE LOCATION</b> (intended/deposited)	NRHE, HES (intended)



- |                           |                        |
|---------------------------|------------------------|
| 1-37 Boundaries           | 123 Leckie Broch       |
| 38-40 Tracks              | 124 Leckie Bridge      |
| 41-43 Wells               | 125 Old Leckie         |
| 44 Ree                    | 126 Watson House       |
| 45 Sheepfold              | 127 Burnton of Boquhan |
| 46 Ford, Bridge           | 128 Sundial            |
| 47 Bridge                 | 200-201 Banks          |
| 48-57 Boundaries          | 202-204 Boundaries     |
| 58 Pheasanry              | 205 Bridge             |
| 59-60 Sheepfolds          | 206 Boundary           |
| 61 Footbridge             |                        |
| 62 Bridge                 |                        |
| 63-65 Boundaries          |                        |
| 66-67 Sheepfolds          |                        |
| 68 Sheepwash              |                        |
| 69 Track                  |                        |
| 70-76 Boundaries          |                        |
| 77 Sheepfold              |                        |
| 78-81 Boundaries          |                        |
| 82-83 Tracks              |                        |
| 84-90 Boundaries          |                        |
| 91 Cairn                  |                        |
| 92 Limestone quarry       |                        |
| 93-99 Rig and furrow      |                        |
| 100-104 Banks             |                        |
| 105 Curvilinear Feature   |                        |
| 106 Enclosure (Building?) |                        |
| 107 Rig and furrow        |                        |
| 108 Oil pipeline          |                        |
| 109 Sheepfold             |                        |
| 110 Enclosure             |                        |
| 111-112 Rig and furrow    |                        |
| 113-114 Enclosures        |                        |
| 115-116 Boundaries        |                        |
| 117 Bank                  |                        |
| 118 Boundary              |                        |
| 119 Enclosure             |                        |
| 120 Ha-ha                 |                        |
| 121 Water tank            |                        |
| 122 Enclosure             |                        |

**ST30**  
2019 Alder Archaeology Ltd

1-9, 12, 14-16, 18, 23	Boundaries
30	Boundary/revetment
38	Track
44	Ree
52	Boundary/bank
54	Boundary
60	Sheepfold
62	Bridge
91	Cairn
93-98	Rig and furrow
100, 102-104	Banks
110	Enclosure
112	Rig and furrow
113	Enclosure
117	Boundary
120	Ha-ha
126	Watson House
200, 201	Banks
204	Boundary

