

# CFA Archaeology Ltd

*archaeological consultants*

*Advice on Archaeology & Planning*

*Environmental Impact Assessment*

*Interpretation, Design & Display*

*Finds/ Environmental Analysis*

*Field Evaluation & Excavation*

*Historic Building Recording*


*Site & Landscape Survey*


*Geophysical Survey*

**Allt Shallain HV Cable Route,  
Near Loch Rannoch,  
Perth & Kinross**

**Archaeological Survey**

**Report No. 3455**

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

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## **1. INTRODUCTION**

### **1.1 General**

This report presents the results of a programme of archaeological work undertaken by CFA Archaeology Ltd (CFA) during May 2016 on the Allt Shallainn HV Cable Route, north of Loch Rannoch, Perth and Kinross (running between NGR NN 6380 5922 and NN 6162 6744) (Fig. 1). The work was commissioned by Green Highland Renewables.

A Project Design (PD) dated 13 May 2016 was produced by CFA on behalf of Green Highland Renewables. The PD described the proposed mitigation, in line with the advice in the relevant planning guidance.

### **1.2 Background**

Consent (Ref. 16/00147/FLL) has been granted for the construction of the Allt Shallainn HV Cable Route, to the north of Loch Rannoch, Perth and Kinross

A desk-based assessment (DBA) was undertaken by CFA (Tweedie 2016). The site numbers used in this report correspond to the site numbers allocated during the DBA. The DBA chapter identified shielings (Sites 10 and 12) and a settlement (Site 11) at the north end of the route, and historic field boundaries (Sites 6 and 8), a head dyke (Site 9), a possible chapel location (Site 1), and former settlements and other buildings (Sites 3, 4, 5 and 7) at the south end of the route.

Perth and Kinross Heritage Trust (PKHT), acting as advisors to Perth and Kinross Council, did not request a planning condition relating to archaeology for the development. The client recommended appointing an Archaeological Clerk of Works, to ensure best practice was followed during the construction period.

As the first stage in the programme of archaeological work, CFA undertook a site walkover prior to construction work commencing, in order to ascertain the route and what, if any, impact cabling would have on the known sites, and to propose appropriate mitigation measures.

### **1.3 Objectives**

The project's aims were to undertake a walkover survey of the cable route to identify any direct impacts on known sites and propose mitigation measures.

## **2. WORKING METHODS**

### **2.1 General**

CFA Archaeology Ltd follows the Chartered Institute for Archaeologists' Code of Conduct, Standards and Guidance.

### **2.2 Site Survey**

The route of the cable was marked out on the ground at the time of the survey.

Each of the known sites were visited and their baseline condition was recorded through a combination of written descriptions and photographs. GPS coordinates for each site were recorded using industry standard survey equipment.

The entire cable route was walked, covering a corridor 50m wide centred on the cable route, in order to identify any new, previously unknown sites; these were then also recorded using the above methods.

### **3. ARCHAEOLOGICAL RESULTS**

#### **3.1 Archaeological Background**

Cartographic sources indicate that the southern part of the proposed HV cable route has been settled since at least 1654 when the settlements of ‘Avalich’ (Aulich) and ‘Laragan’ (Leargan) are marked on Blaeu’s map of the Central Highlands. Roy’s Military Survey of 1747-55 is the first map to show the area in particular detail, and appears to show settlement in the area of Lann Bhreach and Annat. Stobie’s map (1753) marks settlements of ‘Torrachruic’ (Torr a’Chruidh); ‘Lonneverk’ (Lann Bhreac); ‘Annaty’ (Annat); ‘Lurgan’ (Leargan) and ‘Croftcarnoch’. Croftcarnoch is marked on cartographic sources through until 1832, and is situated between Torr a’Chruidh and Annat. The settlement name is not used on the First Edition map, and the precise location of any surviving remains of this settlement is uncertain.

With the exception of ‘Croftcarnoch’ the extent of the townships is known from the First Edition Ordnance Survey map; However, the HER records that more recent field survey (Holden and Dalland 1999) located additional banks and features which are likely to be related to the township of Lann Bhreac, and it seems possible that additional features of this nature may exist elsewhere in this area. The HER notes references to a former chapel situated in this area, possibly close to what is now the farmstead of Annat.

The course of the head dyke of the settlement of Torr a’Chruidh (**9**) is recorded on the First Edition map. Land beyond the head dyke would have been used only for seasonal grazing, and it is therefore highly unlikely that extensive settlement would be found to the north of the head dyke, other than the known shielings (**10 & 12**) and the small settlement at Duinish (**11**).

Prehistoric hut circles and a bloomery mound are recorded to the west of the study area, on the shores of Loch Rannoch, indicating that there is the potential for hitherto undiscovered prehistoric and medieval archaeological remains to be preserved in the area, particularly in the low-lying parts of this landscape.

#### **3.2 Survey**

See Figures 2 and 3 for location of the sites.

The cabling will be installed using a mole plough, with limited open cut excavations.

The sites recorded during the DBA were visited as appropriate ahead of cabling in order to ascertain the impact cabling would have on each site (Table 1). There were no predicted impacts upon any of these sites as a result of cabling works.

<b>Site no.</b>	<b>Description</b>	<b>Grid reference</b>
1	Lag a'Churaidh Not visited, outside of the cable corridor.	NN 6371 5914
2	Quarry Not visited, outside of the cable corridor.	NN 6390 5926
3	Limekiln Not visited, outside of the cable corridor.	NN 6355 5920
4	Chemical Cottage Occupied buildings. Not visited.	NN 6336 5925
5	Annet Farmstead Not visited, outside of the cable corridor.	NN 6356 5947
6	Field Boundary At the cable crossing point by the farm access, there was a gate to be utilised and the cable would have no impact on the existing drystone wall. At the cable crossing point by the sheepfold, there were no remains visible.	NN 6340 5980
7	Township (Lann Bhreac) Not visited, outside of the cable corridor.	NN 630 597
8	Field system (Lann Bhreac). At the cable crossing point there were no remains visible. To either side of the crossing point, the remains of a low drystone field wall were present, spread to 0.8 wide and no more than 0.4m high.	NN 630 597
9	Township, field system corn-drying kiln. At the cable crossing point, a low earth bank was visible, spread to 0.8 wide and no more than 0.4m high. The cable will be inserted through a more denuded section.	NN 633 603
10	Shieling hut? A roughly square feature defined by low earth banks no more than 0.3m high by 1m wide. Approx 7m across. Located on a flat area beside a stream. Feature more denuded on SW side, possible entrance on the NE side. Likely to be the remains of an enclosure rather than a shieling hut.	NN 619 665
11	Building The remains of two buildings: a single roofed building, and a ruined building situated within a walled enclosure.	NN 6175 6700
12	Shielings Not visited, outside of the cable corridor.	NN 6133 6768

Table 1. Survey results for sites recorded in the DBA

An additional three sites were identified during the survey (Table 2). There were no predicted impacts upon any of these sites as a result of cabling works.

<b>Site no.</b>	<b>Description</b>	<b>Grid reference</b>
13	Enclosure – an L-shaped bank measuring 20m north-south and 10m E-W (Fig. 4). The bank, which had been constructed using stone and earth, measured 20m from north to south before turning east to west for 10m. The bank may represent the partial remains of an enclosure. It will be unaffected by the works.	NN 63373 59688
14	Field bank (Fig. 5). A stone and earth bank which was aligned north-east to south-west. The bank measured over 41m in length and ranged in width between 6-8m and 1-5m in height. It will be unaffected by the works.	NN 63303 59780
15	Shielings - the remains of three shieling huts (Fig. 6-8). Site 15 consisted of three shielings in close proximity to the cable route but which will be unaffected by the works. These were labelled 15.1, 15.2 and 15.3 for the purposes of differentiating the remains. 15.1 consisted of rectangular building which measured 9m by 5m, with the walls surviving to a height 1m. There was no discernible entrance. 15.2 was a circular shieling which measured approximately 6m in diameter with a south-west entrance. The walls survived to a width of 1m and to a height of 0.5m. 15.3 was the remains of a rectangular shieling 10m by 5.5m wide. The walls survived to a height of 1.5m and there was no discernible entrance.	NN 61870 63268

Table 2. New sites recorded during the survey



#### 4. CONCLUSIONS

A targeted walkover survey was carried out by CFA Archaeology Ltd in advance of installation of the Allt Shallainn HV Cable. The twelve sites identified during the DBA were visited, recorded and assessed to gauge the impact of the installation of the HV cable and propose mitigation as required. An additional three sites, an enclosure, a field bank and shielings, were identified during the site survey; these were also recorded.

In all cases, it was judged that the impact on each site was negligible or that cabling would not impact at all on the visible archaeological remains. No further mitigation work was recommended.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with Historic Environment Scotland and copies of reports will be lodged with the Perth and Kinross heritage Trust HER.

On completion of the programme of archaeological works a summary statement will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 2) and will also be reported through *OASIS Scotland*.

#### 5. REFERENCES

##### **Bibliographic**

Tweedie, H 2016 *Allt Shallainn HV Cable Route, near Loch Rannoch. Desk-Based Assessment*. CFA Archaeology Ltd Report No. 3398.

##### **Cartographic**

Blaeu, J 1654 *The Central Highlands*

Roy, W 1747-55 *Military Survey of Scotland*

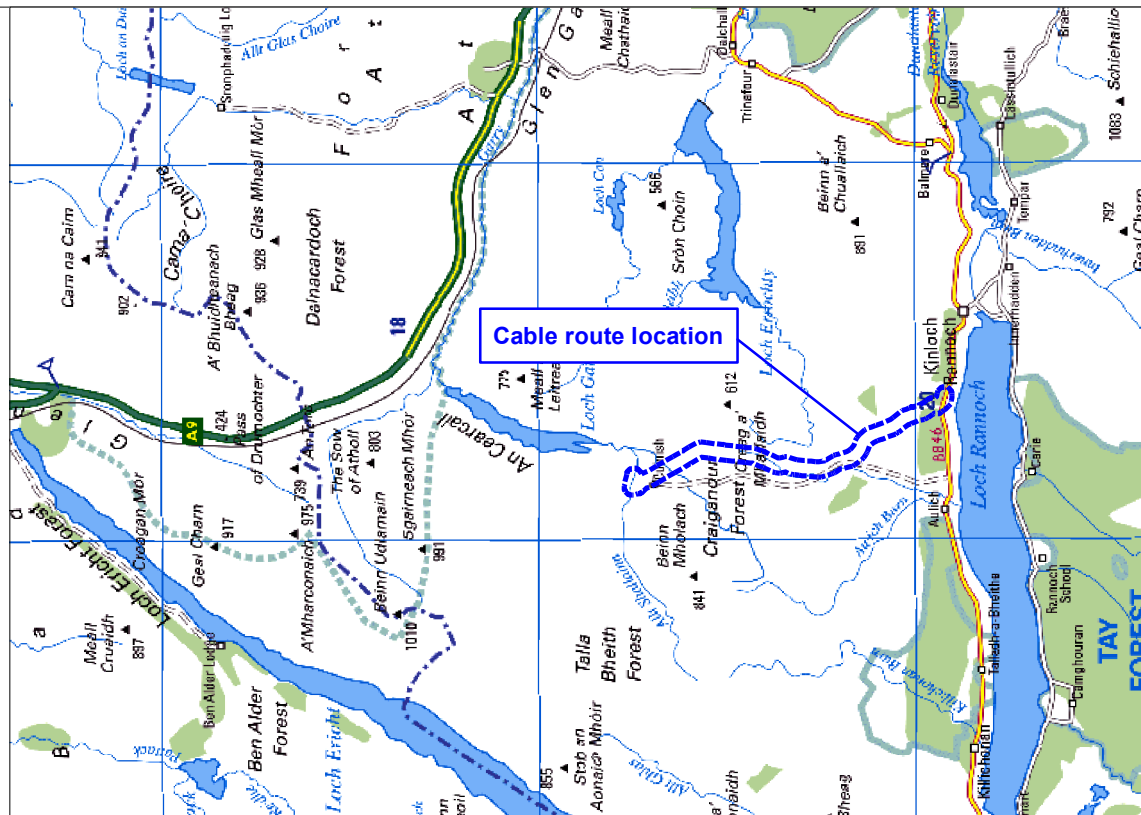
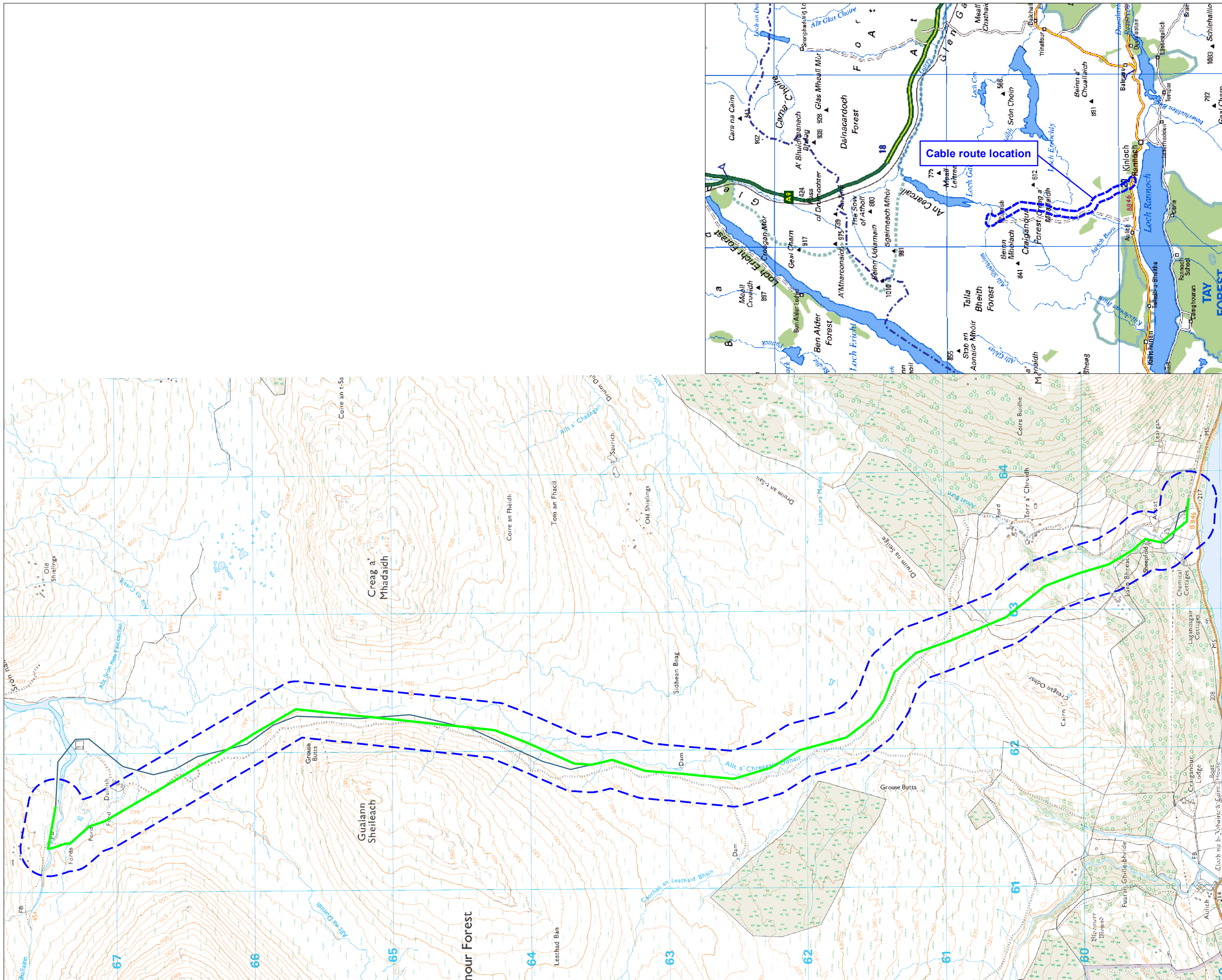
Stobie, J 1783 *The Counties of Perth and Clackmannan*

## APPENDIX 1: Photographic Register

Shot No.	Summary description of subject	Taken from
1	Site 13	S
2	Site 14	W
3	Site 8	W
4	Site 9	SE
5	Site 9	W
6	Site 9	E
7	Site 9 at cable crossing	NE
8	Site 9 at cable crossing	NE
9	Site 9 at cable crossing	NE
10	General views to south half of route	E
11	Site 11	SW
12	Site 11 (standing stone)	S
13	Site 11 (standing stone)	W
14	Site 10	NW
15	Site 15.1	S
16	Site 15.2	S
17	Site 15.3	N
18	Site 6 at entrance to farm	E

## APPENDIX 2: Discovery and Excavation in Scotland Entry

<b>LOCAL AUTHORITY:</b>	Perth and Kinross
<b>PROJECT TITLE/SITE NAME:</b>	Allt Shallain HV Cable Route, Loch Rannoch
<b>PROJECT CODE:</b>	HVKR
<b>PARISH:</b>	Fortingall
<b>NAME OF CONTRIBUTOR:</b>	Gary Savory
<b>NAME OF ORGANISATION:</b>	CFA Archaeology Ltd
<b>TYPE(S) OF PROJECT:</b>	Site survey and watching brief
<b>NMRS NO(S):</b>	N/A
<b>SITE/MONUMENT TYPE(S):</b>	Bridge, enclosure
<b>SIGNIFICANT FINDS:</b>	N/A
<b>NGR (2 letters, 6 figures)</b>	NN 6380 5922 to NN 6162 6744
<b>START DATE (this season)</b>	May 2016
<b>END DATE (this season)</b>	May 2016
<b>PREVIOUS WORK (incl. DES ref.)</b>	
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (May include information from other fields)	A targeted walkover survey was carried out by CFA Archaeology Ltd in advance of the Allt Shallain HV Cable Route. The twelve sites identified during the DBA were visited, recorded and assessed to gauge the impact of the installation of the HV cable. An additional three sites were identified during the walkover and these, in turn, were recorded and assessed for possible impact. None of the sites were going to be adversely affected by the cabling and so it was decided that no further action was required.
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	None
<b>SPONSOR OR FUNDING BODY:</b>	Green Highland Renewables
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ.
<b>EMAIL ADDRESS:</b>	<a href="mailto:cfa@cfa-archaeology.co.uk">cfa@cfa-archaeology.co.uk</a>
<b>ARCHIVE LOCATION (intended/deposited)</b>	Archive to be deposited in NMRS, Reports lodged with SMR and NMRS.



- Key:**
- Alternative 33kV Route
  - Provided 33kV Route
  - - - 200m Buffer

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Title:  
 Site location and overall site plan

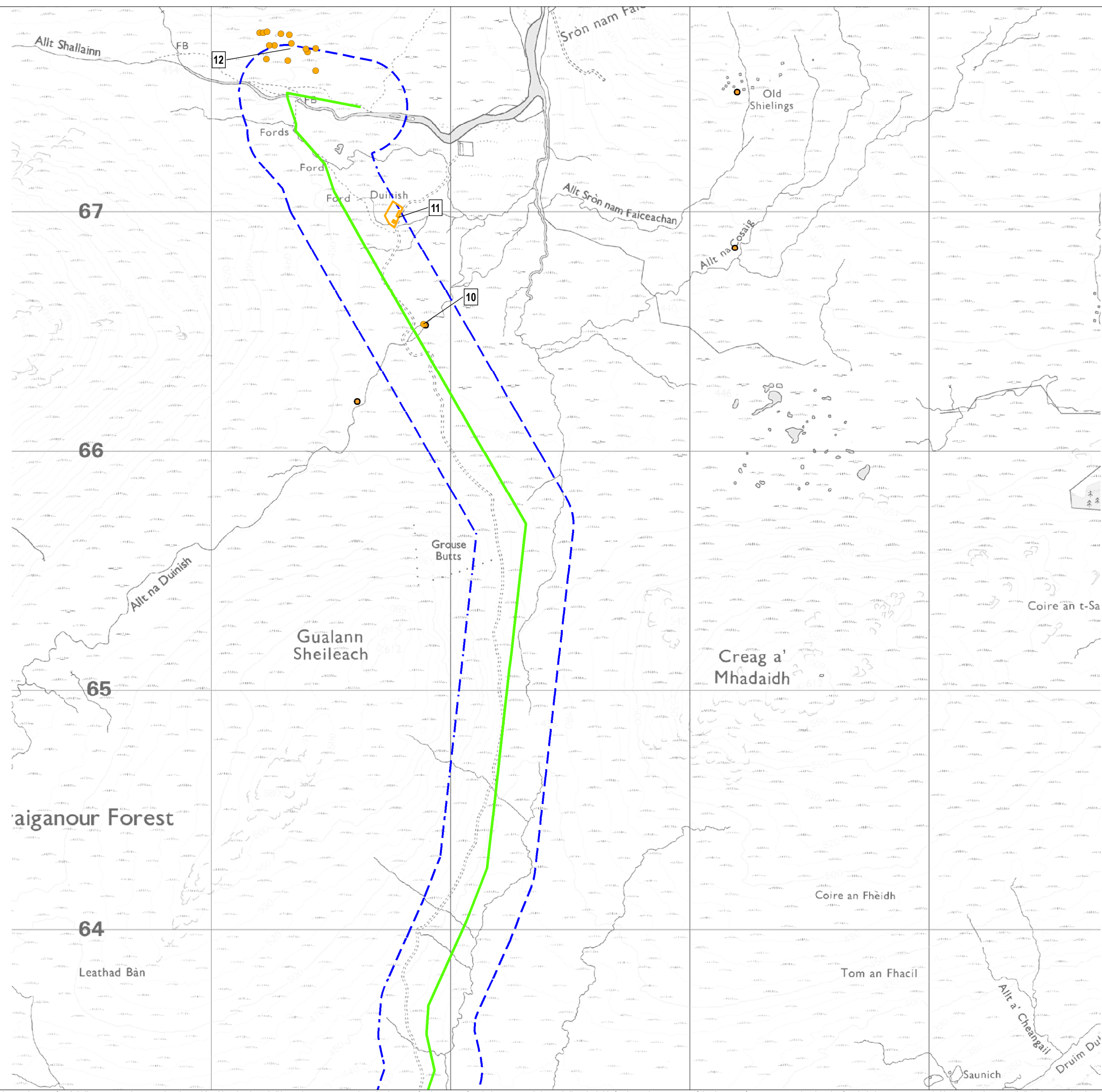
Project:  
 Allt Shallainn HV Cable Route,  
 Near Loch Rannoch, Perth  
 and Kinross, Archaeological  
 Site Survey and Watching Brief

Client:  
 Green Highland Renewables

Scale at A3:  
 1:25,000

Drawn by: MP	Checked by: SW	Date: 26/07/2016
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Report No: 3455	Fig. No: 1
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**Key:**

- Alternative 33kV Route
- - - 200m Buffer
- + Category C Listed Building
- Cultural Heritage Site (point)
- Cultural Heritage Site (linear)
- ▭ Cultural Heritage Site (area)



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**Title:**  
 Heritage assets, northern section of cable route

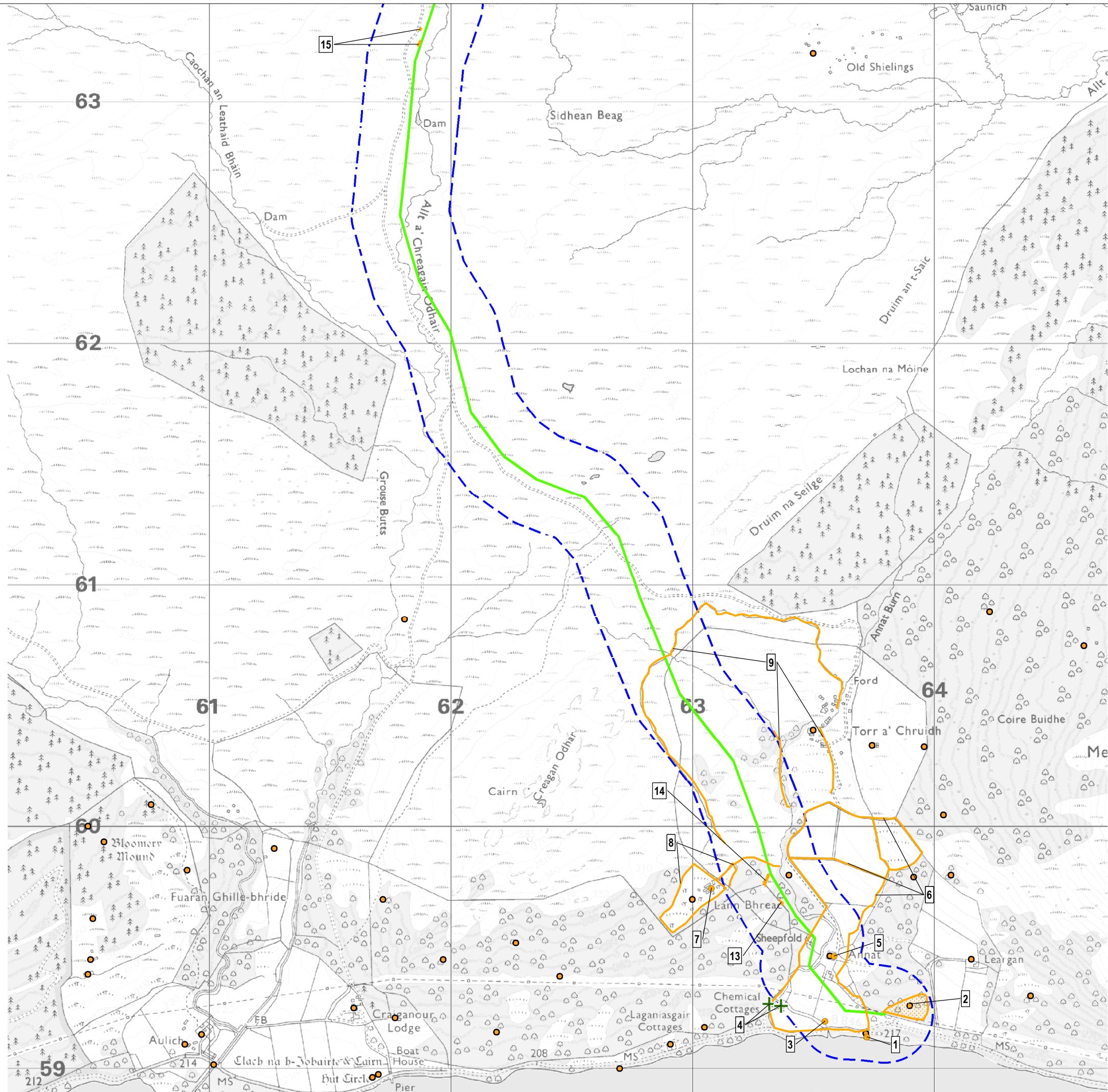
**Project:**  
 Alit Shallainn HV Cable Route, Near Loch Rannoch, Perth and Kinross, Archaeological Site Survey and Watching Brief

**Client:**  
 Green Highland Renewables

**Scale at A3:**  
 1:16,000

<b>Drawn by:</b> MP	<b>Checked:</b> SW	<b>Date:</b> 26/07/2016
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<b>Report No:</b> 3455	<b>Fig. No:</b> 2
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Key:

- Alternative 33kV Route
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- + Category C Listed Building
- Cultural Heritage Site (point)
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- Cultural Heritage Site (area)



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Title:  
**Heritage assets, southern section of cable route**

Project:  
**Allt Shallainn HV Cable Route, Near Loch Rannoch, Perth and Kinross, Archaeological Site Survey and Watching Brief**

Client:  
**Green Highland Renewables**

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Report No: 3455	Fig. No: 3
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Fig. 4 - Site 13, looking N



Fig. 5 - Site 14, looking E

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Fig. 6 - Site 15.1



Fig. 7 - Site 15.2

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Fig. 8 - Site 15.3

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Report No: <b>3455</b>		Fig. No: <b>8</b>