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Historic Building Recording

Site & Landscape Survey

Geophysical Survey

**Allt Da Ghob Grid Connection,
Glen Lyon, Perth and Kinross**

Archaeological Mitigation Works

Report No. 3154

CFA ARCHAEOLOGY LTD

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Fig 2 Cable trench from SE

Fig. 3 Power house access road looking towards the power house from NW - spoil heaps running across the centre of the image indicate the position of the cable trench

Fig. 4 Looking from the SE towards the river crossing - Site 17 is to the left of the image, the power house access road is to the right of the image

Fig. 5 Site 16 from SE

1. INTRODUCTION

1.1 General

This report presents the results of an archaeological watching brief and demarcation undertaken by CFA Archaeology Ltd (CFA) in March 2014 during the connection of the Allt da Ghob hydro scheme in Glen Lyon, Perth & Kinross (NGR: NN 6990 4723, Fig. 1). The work was commissioned by ASH Design + Assessment.

A Written Scheme of Investigation (WSI) dated 28 June 2013 covering this programme of works was produced by CFA on behalf of ASH Design + Assessment. This WSI was designed to meet the requirements of Perth & Kinross Heritage Trust (PKHT).

1.2 Background

The site of the works was on the south bank of the River Lyon, c. 20 miles to the west of Aberfeldy, Perth and Kinross. The new utility connection was to extend for c. 0.4km, from the Allt da Ghob power house at NN 701 470 to the other side of the River Lyon at NN 698 473. The works were to include directional drilling beneath River Lyon and the installation of a new underground cable to connect to the existing Glen Lyon cable infrastructure.

This report contains reference numbers, which refer to gazetteer entries in the 'Cultural Heritage' chapter of the Environmental Statement (ES) and report on the results of mitigation work during the installation of the Glen Lyon cable in 2009-2010 (CFA Report No. 1800). This WSI should be read in conjunction with the ES and that reports. A summary gazetteer is provided as Appendix 1.

1.3 Objectives

The objectives of the programme of works reported herein were:

1. Avoidance/Fencing off of sites lying in close proximity to the development (Sites 16, 17 and 18).
2. Micrositing of infrastructure, where necessary, to avoid upstanding remains of known sites.
3. To conduct an appropriate programme of archaeological investigation (watching brief) to monitor all ground breaking works.
4. To mitigate the effects of construction on any archaeological deposits or features identified through their excavation and recording and produce a report on them.

2. WORKING METHODS

2.1 General

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

2.2 Watching Brief

The watching brief was designed to monitor all groundworks associated with the new cable installation including, but not limited to, the excavation of cable trenches, excavation to allow for directional drilling, and any other areas of ground breaking.

All groundbreaking work was carried out under constant archaeological supervision. Soil was stripped using a tracked excavator equipped with a smooth-bladed ditching bucket.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms.

The stratification of all excavated areas was recorded whether or not significant archaeological deposits were identified.

2.3 Demarcation

As part of the archaeological monitoring any sites lying in proximity to the route of the new grid connection were to be suitably demarcated during the groundworks and the contractors and the client were to be advised of any micro-routing that may be required.

Sites to be avoided are Sites 16, 17 and 18. Where appropriate, these were avoided under the direction of an archaeologist acting as a banksman or fenced off, to ensure any damage was avoided.

The sites were located by GPS and a photographic record was made of the surviving remains.

3. ARCHAEOLOGICAL RESULTS

3.1 General

Topsoil was generally very thin, no more than 0.15m deep, over natural substrate comprising yellow sands and gravels. Plough scores were noted within the natural.

3.2 Watching Brief

The areas monitored through the watching brief included an area for the directional drilling and a length of cable trench from the river crossing point to the north to the point where it joined with the power house access road (Fig. 2).

The remaining length of cable trench was within the previously stripped area of the access road, which did not form part of the current project and which had been subject to monitoring by a different archaeological contractor. This part of the cable route therefore was in ground which had been previously disturbed (Fig. 3), and was briefly inspected for features/deposits but was not intensively monitored as part of this programme of works.

3.3 Demarcation

Micrositing was not required. Site 16, the suspension footbridge, was photographed but was not demarcated due to it remaining in public use (Fig. 4). This site was not affected by any of the works. Site 17, the Blackcroft farmstead, was contained behind already existing deer fencing; it was photographed but was not affected by any of the works (Fig. 5). No trace could be found of Site 18.

4. CONCLUSIONS

A watching brief was carried out during ground breaking works for the Allt da Ghob grid connection in Glen Lyon. No archaeological features or deposits were identified.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with RCAHMS and copies of reports will be lodged with the Perth & Kinross Council Sites and Monuments Record.

A summary statement of this evaluation will be submitted for publication in *Discovery and Excavation in Scotland* and will also be reported on through *OASIS Scotland*.

5. REFERENCES

Gray, H 2010 *Glen Lyon Hydro Scheme Grid Connection, Perthshire. Archaeological Mitigation Works*. CFA Archaeology Ltd Report No. 1800.

APPENDIX 1: Gazetteer of Sites

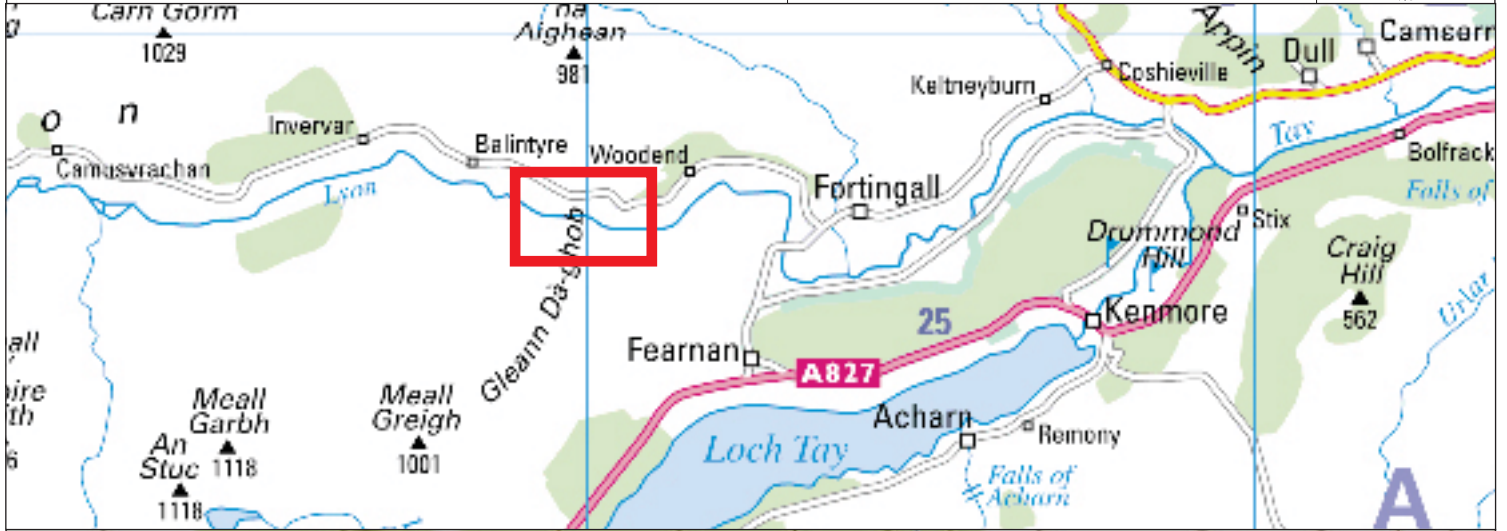
No.	Name	Source	Description	NGR
16	Dornoch Lodge, suspension bridge	MPK10563	A 20 th century, three-span simple suspension bridge with wire-rope cables, iron-rod suspenders, wooden deck and pylons, and concrete piers, spans the River Lyon.	NN 6999 4720
17	Blackcroft, farmstead	MPK9497; historic maps	The First Edition Ordnance Survey map depicts a deserted farmstead comprising two unroofed buildings and two conjoined enclosures. Three unroofed buildings and three enclosures are depicted on the 1978 edition of the Ordnance Survey 1:10,000 map. The farmstead is depicted as three buildings, but not named, on Roy's map of 1747-55. Stobie (1783) names the settlement as 'Croitriach', as does Thomson (1827). Field survey revealed the well preserved remains of three buildings and associated enclosures (one a kitchen-garden), within the footprint of the settlement as identified on Ordnance Survey map. The settlement lies at the base of a steep wooded and rocky slope, and is presently separated from the river bottom by a deer fence.	NN 700 471
18	Allt da Ghob, trackway	Allt da Ghob ES, site 3	SUAT Ltd identified a 2m track running east-west along the south side of the River Lyon, which once would have provided access to Blackcroft (site 17). Field survey confirmed the presence of this feature.	NN 701 470

APPENDIX 2: Photograph Register

Photo No.	Description	Taken from
1	Site 17	E
2	Site 17 and access track	E
3	Access track	E
4	Reinstated and planted area	W
5	Ford	S
6	Reinstated and planted area	W
7	New building and stream ladder	NE
8	Reinstated and planted area	E
9	Site 17	E
10	Site 17 and access track	
11	Access track and Site 16	E
12	Site 17 and access track	N
13	Site 17	SE
14	Site 17	SE
15	Access track and Site 17	NW
16	Access track and Site 17	NW
17	Access track	NW
18	Access track and Site 16	NW
19	Area of underground drilling	NE
20	Area of underground drilling	E
21	Area of underground drilling	E
22	Area of underground drilling	N
23	Area of underground drilling	S
24	Drill hole excavation showing ploughmarks	N
25	Drill hole excavation showing ploughmarks	N
26	Drill hole preparation	NW
27	Drill hole preparation	N
28	Remaining cable route pre-ex.	E
29	Topsoil stripping for cable connection trench	W
30	Topsoil stripping for cable connection trench	W
31	Plough scores	W
32	General views of topsoil stripping	W
33	General views of topsoil stripping	W
34	General views of topsoil stripping	W

APPENDIX 3: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	Perth and Kinross
PROJECT TITLE/SITE NAME:	Allt da Ghob Grid Connection
PROJECT CODE:	GLYA
PARISH:	Fortingall
NAME OF CONTRIBUTOR:	Mitchell, S.
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Watching brief
NMRS NO(S):	
SITE/MONUMENT TYPE(S):	
SIGNIFICANT FINDS:	
NGR (2 letters, 10 figures)	NN 94255 59410
START DATE (this season)	26/03/14
END DATE (this season)	27/03/14
PREVIOUS WORK (incl. DES ref.)	
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A watching brief was carried out in March 2014 by CFA Archaeology Ltd during ground breaking works for the Allt da Ghob grid connection in Glen Lyon. No archaeological features or deposits were identified.
PROPOSED FUTURE WORK:	
CAPTION(S) FOR ILLUSTRS:	
SPONSOR OR FUNDING BODY:	ASH design+assessment
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record of Scotland Perth & Kinross SMR



- Key:
- Allt da Ghab powerhouse location
 - Hydro developer's access route
 - Existing Glen Lyon buried cable
 - Proposed directional drill (indicative)
 - Proposed buried cable (indicative)



Fig. No: 1 Revision: A Client: ASH design + assessment

Title:
Location plan showing cultural heritage sites and watching brief area

Project:
Allt Da Ghab Grid Connection, Glen Lyon

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Scale at A4: 1:5000

Drawn by: LW Checked: LW Report No: 3154



Fig. 2 - Cable trench from SE



Fig. 3 - Power house access road looking towards the power house from NW - spoil heaps running across the centre of the image indicate the position of the cable trench

Fig. No: 2-3	Revision: A	Project: Allt Da Ghob Grid Connection, Glen Lyon
Drawn by: LW	Checked: LW	Client: ASH design + assessment
	Report No: 3154	



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Fig. 4 - Looking from the SE towards the river crossing - Site 17 is to the left of the image, the power house access road is to the right of the image



Fig. 5 - Site 16 from SE

Fig. No: 4-5		Revision: A	Project: Allt Da Ghob Grid Connection, Glen Lyon			CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park, Musselburgh East Lothian, Eh21 7PQ T: 0131 273 4380 F: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk
Drawn by: LW	Checked: LW	Report No: 3154	Client: ASH design + assessment			
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