

Archaeological Evaluation
Proposed new house
Inverardoch, Doune, Stirling Council



Site of new house looking South towards River



13th May 2012

Introduction

This archaeological evaluation of the proposed footprint of a new house was carried out for Mr Robin Clifford and Dr Vicki Clifford to satisfy the archaeological condition on the planning consent for this development, as noted by Stirling Council Archaeology Service in the condition attached to Planning Application 11/00679/FUL/ML dated 12th December 2011. It was undertaken by the author on Friday 10th May 2012 (Site Code ARD01); weather conditions were overcast and chilly.

Archaeological Background (Illus 1-6)

The proposed development area lies within the former grounds of Inverardoch House a now demolished mansion of 19th century date. As the proposed development lay in an area of greenfield, which had not been subject to previous development, it was felt that this meant that it had the potential to contain previously undiscovered archaeological remains from across Scotland's history and prehistory, that may have survived below the active plough-zone. The proposed development would damage or destroy such remains.

Site Evaluation

Two trenches measuring 5m by 1m (A) and 4m by 1.26m (B) respectively were opened in the proposed footprint of the house.

Trench A (Illus 7-9)

This trench was opened on a North West-South East alignment within the footprint of the proposed house at its eastern end and was dug to a maximum depth of 1.23m below modern ground level. From modern ground level a layer of tarmac 0.10m deep overlies a compact layer of orange brown gravel and stones to a depth of 0.40m which overlies a deposit of loose yellow sand to a depth of 0.50m. These layers of deliberately laid surfaces overlay a 10cm thick deposit of light grey brown clay which may represent a former turf line (original ground surface?). Below this potential turf line a deposit of light grey sandy clay was located to the base of the trench at 1.23m. At a depth of 0.86m below modern ground level a lead water pipe was located running across this trench towards its North Western end. No finds were recovered.

Trench B (Illus 7, 10 and 11)

This trench was opened on a North to South alignment within the proposed footprint of the house towards its western end and was dug to a maximum depth of 1.02m below modern ground level. From modern ground level a layer of tarmac 0.13m deep overlay a compact layer of grey brown gravel to a depth of 0.40 which overlay a deposit of crushed yellow sandstone and small stones to a depth of 0.87m. At the Northern end of the trench a layer of concrete was exposed at the base of the trench and at its southern end a very hard compact deposit of orange brown sandy clay and small stones was located to a depth of 1.02m below modern ground level where excavation stopped.

Conclusions

The evaluation of the house footprint located a former ground surface and cultivated soil sealed beneath layers of laid stone surfaces associated with Inverardoch house which formerly stood to the south of the site. The top of the cultivated soil layer in Trench A included a lead water pipe at a depth of 0.86m which was presumably also associated with Inverardoch House. Trench B encountered laid stone surfaces similar to those in Trench A and a layer of concrete at a depth of 0.87m which must also be associated with Inverardoch House. No archaeological deposits of any earlier date were encountered and the results of this evaluation would suggest that there is no need for any further work on the site prior to its redevelopment.

Cartographic Sources (<http://www.nls.uk/maps>)

Ordnance Survey Maps - Six-inch 1st edition, Scotland, 1843-1882

General Roy's Military Survey of Scotland 1752-1755

Photographic Source (Illustration 4)

Inverardoch House 29th July 1939 (<http://special.st-andrews.ac.uk/saspecial/index.php?a=subjects&s=gallery&key=SYToyOntpOjA7aToxMTE1O2k6MTtzOjg6Im1hbNnpb25zljt9&pg=62>)

Acknowledgements

The author would like to thank Brian the machine driver and Robin and Vicki Clifford for their help and interest in this exercise.

Illustration List

Illus 1 Site Location marked in red (based on Ordnance Survey map Crown Copyright 2012. All Rights Reserved. Licence number 100049628)

Illus 2 Site (red dot) as shown on General Roy's map of 1752-1755 (© Trustees of National Library of Scotland)

Illus 3 site at Inverardoch, Doune as shown on 1st Edition Ordnance Survey map of 1862 (© Trustees of National Library of Scotland)

Illus 4 Inverardoch House from the North in 1939 (©University of St Andrews)

Illus 5 Location of proposed house looking South East (demolished remains of Inverardoch House in background)

Illus 6 Visible foundations of front of Inverardoch House to South of house plot.

Illus 7 Location of Trenches A and B (based on supplied architects plan), white line in trench A indicates position of lead pipe. Scale 1:500

Illus 8 Trench A looking North West

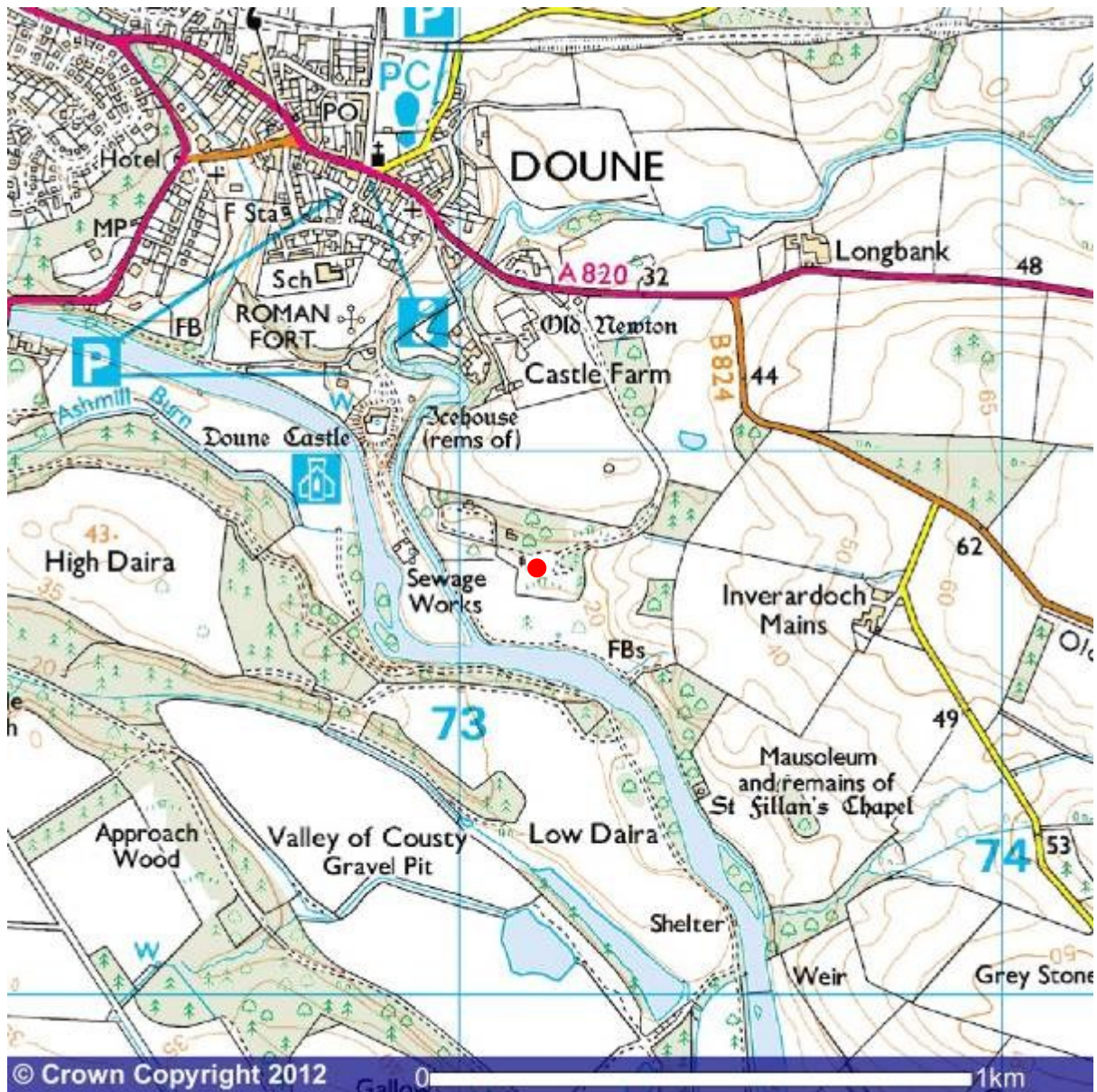
Illus 9 North West facing section of Trench A showing laid surfaces overlying former ground surface (indicated by red arrow) and cultivated soil to limit of excavation. Lead water pipe also visible.

Illus 10 Trench B looking South West

Illus 11 East facing section of Trench B showing layers of laid gravel and dumped yellow sandstone, layer of concrete on base of trench to right of scale

Discovery & Excavation in Scotland Entry

LOCAL AUTHORITY:	Stirling
PROJECT TITLE/SITE NAME:	New house, Inverardoch, Doune, Stirling Council
PROJECT CODE:	ARD01
PARISH:	Kilmadock
NAME OF CONTRIBUTOR(S):	Derek Hall
NAME OF ORGANISATION:	Derek Hall, archaeologist and ceramic specialist
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S):	N/A
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NN 731 008
START DATE	11th May 2012
END DATE	11th May 2012
PREVIOUS WORK (incl. <i>DES</i> ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A 5% evaluation of the site of a proposed new house located laid gravel and construction surfaces associated with the former Inverardoch House which was built in 1859 and demolished in the 1950's. No other archaeological deposits or features were encountered.
PROPOSED FUTURE WORK:	None
SPONSOR OR FUNDING BODY:	Mr Robin Clifford and Dr Vicki Clifford
CAPTIONS FOR ILLUSTRS	N/A
ADDRESS OF MAIN CONTRIBUTOR:	34 Glenfarg Terrace, Perth, PH2 0AP
ARCHIVE LOCATION (intended)	NMRS
EMAIL ADDRESS:	Derek.hall1@blueyonder.co.uk

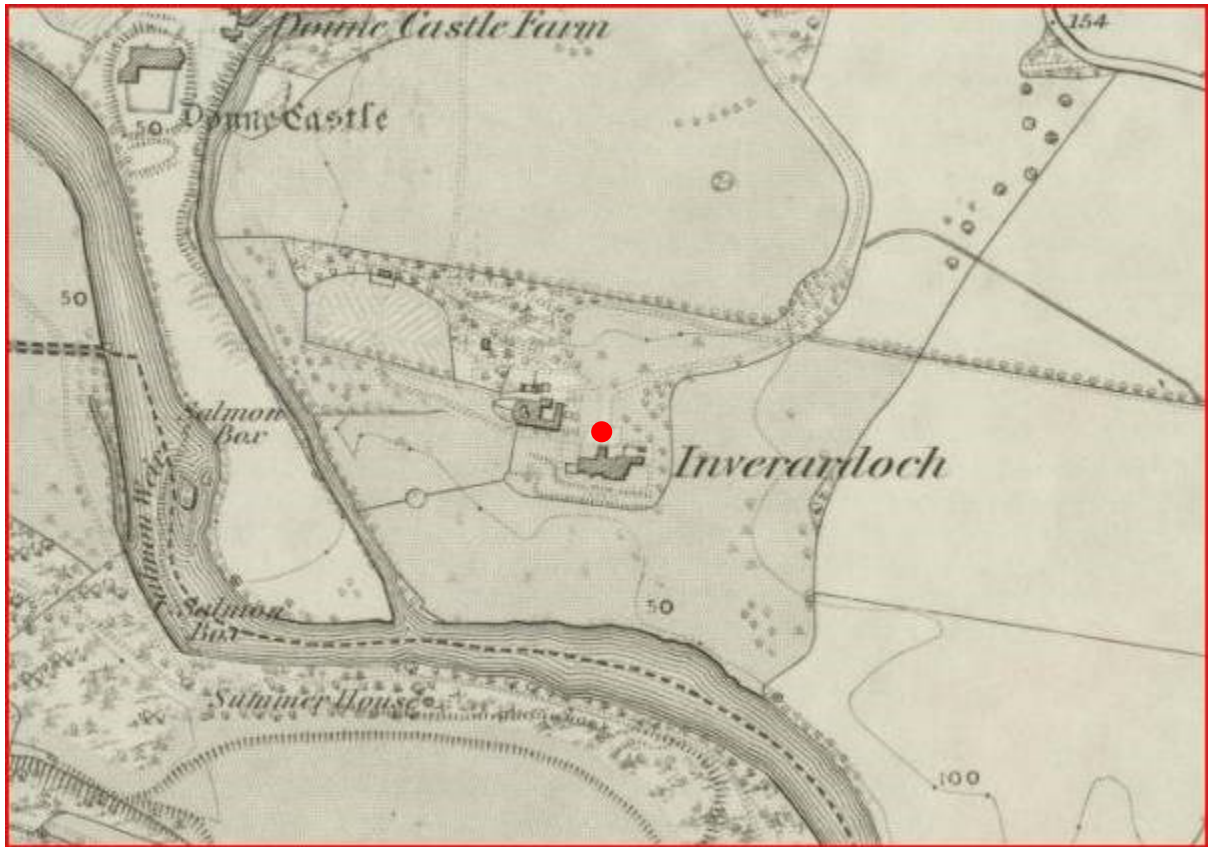


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Illus 2

Illus 2 Site (red dot) as shown on General Roy's map of 1752-1755 (© Trustees of National Library of Scotland)



Illus 3 site (red dot) at Inverardoch, Donegal as shown on 1st Edition Ordnance Survey map of 1862 (© Trustees of National Library of Scotland)



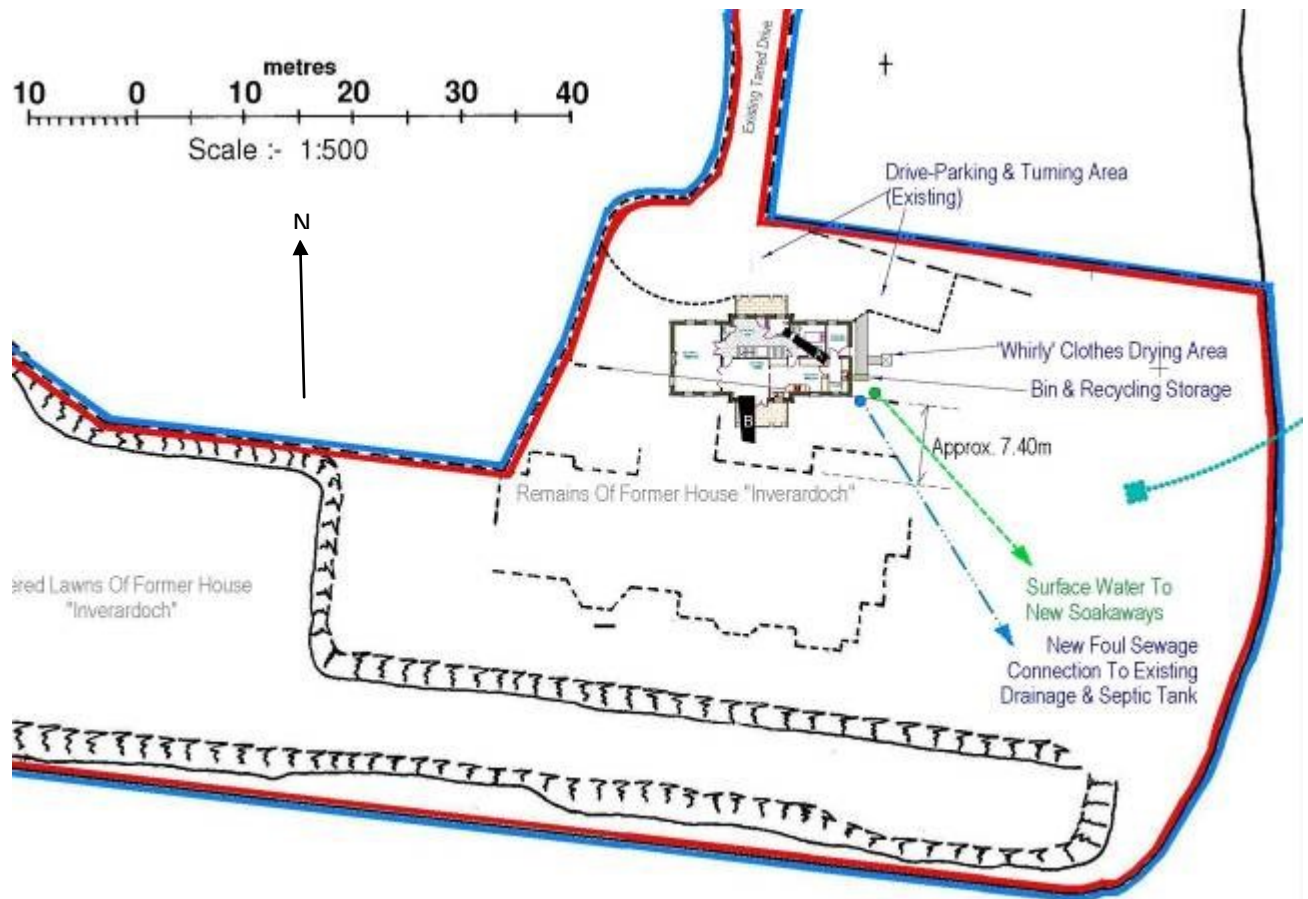
Illus 4 Inverardoch House from the North in July, 1939 (©University of St Andrews)



Illus 5 Location of proposed house looking South East (demolished remains of Inverardoch House in background)



Illus 6 Visible foundations of front of Inverardoch House to South of house plot.



Illus 7 Location of Trenches A and B (based on supplied architects plan), white line in trench A indicates position of lead pipe. Scale 1:500



Illus 8 Trench A looking North West



Illus 9 North West facing section of Trench A showing laid surfaces overlying former ground surface (indicated by red arrow) and cultivated soil to limit of excavation. Lead water pipe also visible.



Illus 10 Trench B looking South West



Illus 11 East facing section of Trench B showing layers of laid gravel and dumped yellow sandstone, layer of concrete on base of trench to right of scale