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Geophysical Survey

**Proposed residential Development,
Taymouth Drive, Kenmore,
Perth & Kinross:
Archaeological Evaluation**

Report No. 1899

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1. INTRODUCTION

1.1 General

This report presents the results of an archaeological evaluation undertaken prior to the construction of a residential development at Taymouth Drive, Kenmore, Perth & Kinross (NGR: NN 7753 4561; Fig. 1). The work was commissioned by KDM Architects.

A WSI for the evaluation was produced by CFA from information supplied in a Terms of Reference issued by Perth & Kinross Heritage Trust (PKHT) and from information supplied by KDM Architects.

1.2 Background

PKHT have indicated that the development site has archaeological potential as it is on a greenfield site in an area known for prehistoric archaeological remains. It is also part of the Designed Landscape of the Taymouth Castle Estate and so post-medieval garden or landscape features may survive.

No previous archaeological work is known to have taken place within the site.

1.3 Objectives

The objectives of the project were to evaluate the development area to establish the presence or absence, location, extent, date and character, condition, significance and quality of any surviving archaeological remains within the development site; and to establish their significance and vulnerability to the proposed development. The results of the evaluation can then be used to develop a mitigation strategy, if needed, for preservation of remains either in situ or by record.

2. METHODS

2.1 General

Work was conducted with regard to the Institute for Archaeologists' Code of Conduct, Standards and Guidance. Recording of all elements followed established CFA methods.

2.2 Trial Trenching

Trial trenches totalling 185m² (just over 5% of 3700m²) were excavated. Trenches were no more than 30m in length.

Topsoil and other deposits were removed by a back-acting mechanical excavator using a smooth-bladed ditching bucket under constant archaeological supervision, to reveal either the subsoil surface or the surface of the first significant archaeological horizon.

Mature trees in the south-west and north-west of the development site were avoided. A recently inserted sewer in the west of the site (Fig. 1) was also avoided.

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

The trenches were backfilled on completion of excavation, and the site was left in a tidy condition. The positions of trenches were recorded using industry standard GPS surveying equipment.

3. RESULTS

3.1 General

The site is grass covered and lies close to the south bank of the River Tay. There is a prominent knoll in the east of the development area (Figs. 1-3), with moderate slopes to the south, west and north.

3.2 Trial Trenching

Trial trench results are presented in Appendix 1. All dimensions are in metres.

Four trenches with a total area of 185m² (5%) were excavated (Fig. 1, 4-6), giving comprehensive coverage across the area. Mature trees and a recently inserted sewer were avoided.

The topsoil across the site had a depth of 0.25m and an underlying subsoil with a depth of up to 0.3m was present in places. The natural subsoil was a compact gravelly sand, with localised patches of sand and gravels. In the western end of Trench 4 (Fig. 6), natural organic deposits and chemically stained natural subsoil may be associated with a wet area, perhaps a kettle hole, beyond the site to the south.

The results of the evaluation indicate that erosion on the knoll stemming from past agricultural activity has led to the deposition of soil deposits around its base. These soils were recorded in the northern ends of Trenches 1-2 and the whole of Trench 4.

No archaeological features were present in any of the trenches and there were no field drains. No finds were recovered.

4. CONCLUSION

The evaluation at Taymouth Drive, Kenmore has been completed and shows that no archaeological remains or deposits are at risk from the proposed development.

The evaluation has shown that past agricultural work has truncated the knoll within the site and led to the deposition of soils around the base. These soils do not seal any buried soils or archaeological features.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the National Monuments Record of Scotland (NMRS) and copies of reports will be lodged with PKHT Sites and Monuments Record.

A summary statement of the results of this work, to be submitted for publication in *Discovery and Excavation in Scotland* is included as Appendix 4 and an OASIS entry will be completed.

APPENDIX 1: Context Register

Context No.	Description
001	Topsoil. Light brown silty sand with occasional small stones. Evidence of active burrowing
002	Subsoil. Brownish yellow silty sand with occasional small stones. Evidence of active burrowing
003	Natural Subsoil. Often very compact and iron stained creamy white gravelly sand with areas of more yellow and orange-yellow deposits. Bands of both more homogenous sand and looser sandy gravels

APPENDIX 2: Summary of Trench Results

Trench No.	Dimensions	Max depth	Description
1	30 x 1.5	0.6m	Topsoil over natural subsoil over most of the trench. Deposits of subsoil at the northern end.
2	30 x 1.5	0.6m	Topsoil over natural subsoil over most of the trench. Deposits of subsoil at the northern end.
3	30 x 1.5	0.3m	Topsoil over natural subsoil
4	33 x 1.5	1.1m	Topsoil over natural subsoil over most the whole trench. The trench was extended by 3m to evaluate deposits of organic silts and chemical deposition at the western end

APPENDIX 3: Photograph Register

Digital images

Shot	Description	From
1-13	Pre-excitation views of the site showing the access over the cut grass and through the fence. Also a 270° pre-ex panorama from the knoll within the site	Various
14	Trench 1 excavated, general view	SSE
15	Trench 1 excavated, general view	NNW
16	Working shot, Trench 2 during excavation	NE
17-18	Trench 1, ENE facing section	ENE
19	Trench 2 excavated, general view	NW
20-21	Trench 2 excavated, general view	SE
22-23	Trench 2, burrow in section	NE
24-26	General site views from the knoll c.50m to the east of the site	E
27-28	General site views from the woods alongside the River Tay	NW
29-31	General site view from the field to the NE of the site	NE
32-33	Trench 3 excavated, general view	NE
34	Trench 3 excavated, general view	SW
35-36	Trench 4, soil profile at the NE end	SE
37-41	Trench 4, soil profile at the SW end and general views of the trench	SE / SW
43	Trench 4 excavated, general view	NE
44-45	General view from the north showing the spoil at the SW end of Trench 4 with the wet area to the S of the site beyond	N
46-47	General views of the site	S
48-50	Post excavation views showing the backfilled trenches and the repaired fence	W

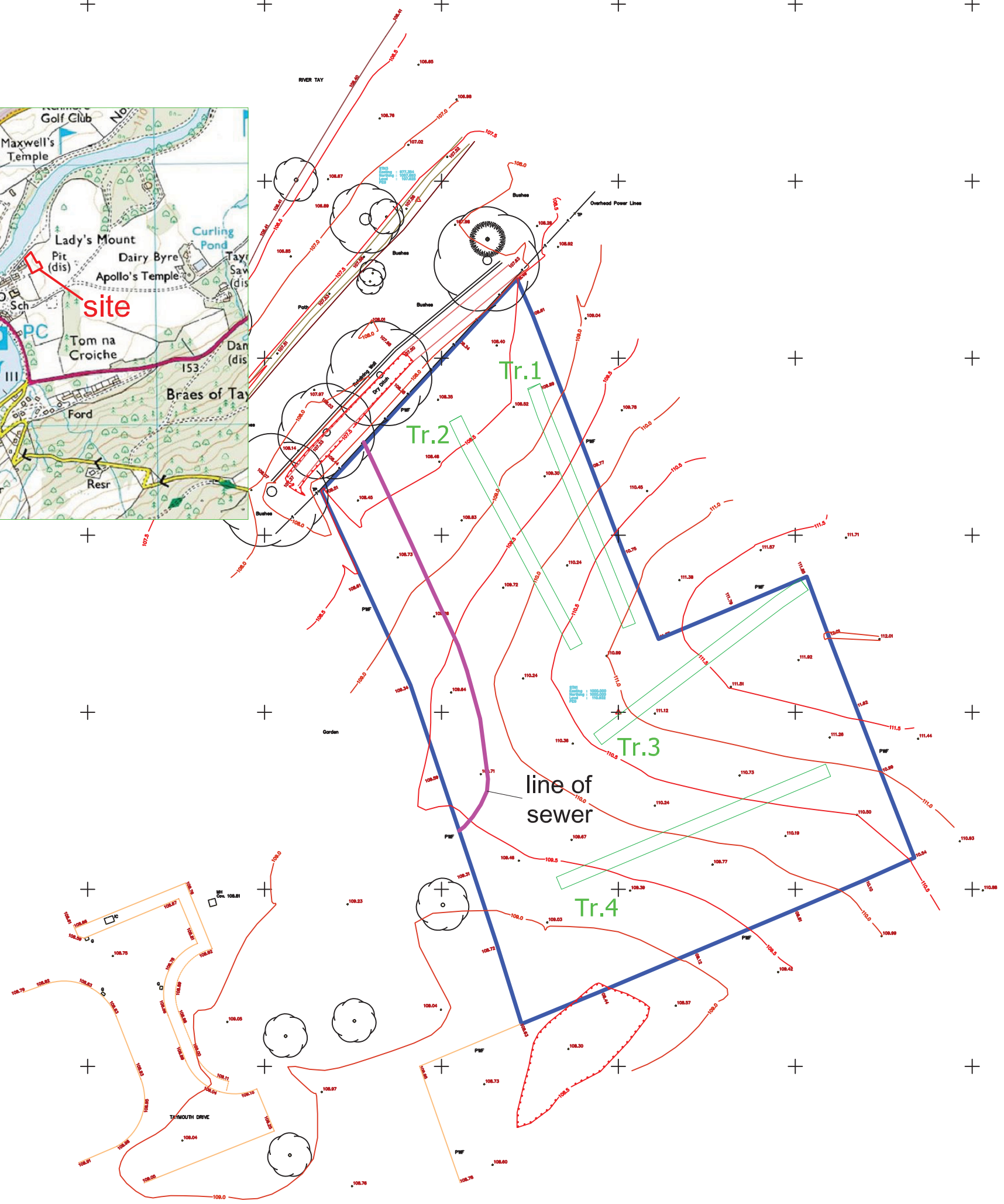
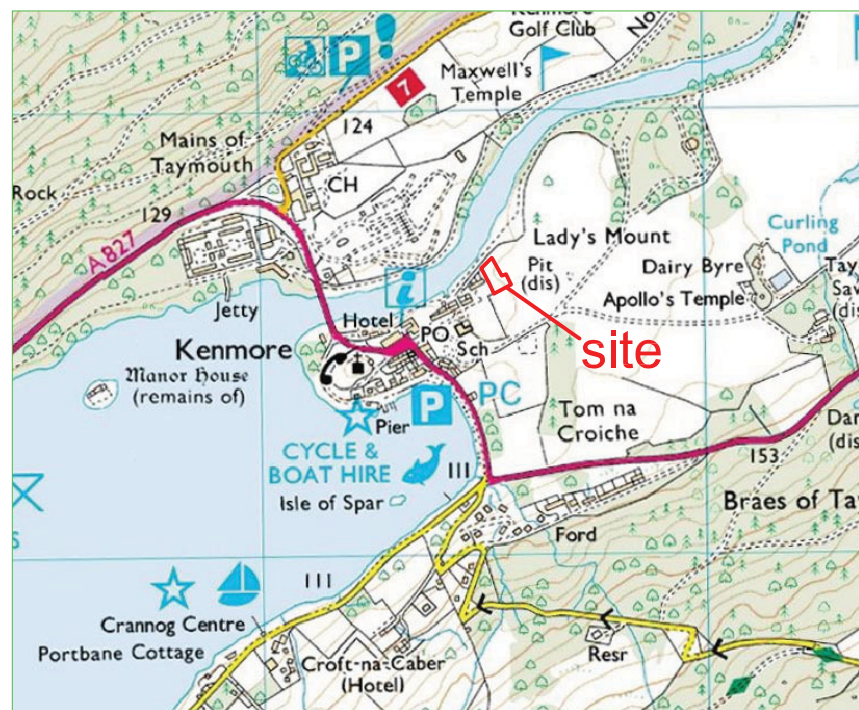
APPENDIX 4: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	Perth & Kinross
PROJECT TITLE/SITE NAME:	Taymouth Drive, Kenmore, Perth & Kinross
PROJECT CODE:	TAYD
PARISH:	Kenmore
NAME OF CONTRIBUTOR:	Ian Suddaby
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	N/A
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	N/A
NGR (2 letters, 6 figures)	NN 7753 4561
START DATE (this season)	May 2011
END DATE (this season)	May 2011
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	An evaluation carried out on a green field site at Taymouth Drive, Kenmore in advance of development. The site lies within the Designed Landscape of Taymouth Castle. A total of 185m ² (5% of the development site) was investigated. No features were recorded or finds recovered.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	KDM Architects
ADDRESS OF MAIN CONTRIBUTOR:	CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ.
EMAIL ADDRESS:	isuddaby@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS, Reports lodged with SMR and NMRS.



Key:

- site boundary
- evaluation trenches
- line of sewer



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Fig. No: 1 Revision: A

Title:
Site location and trench plan

Project:
**Taymouth Drive,
 Kenmore, Perth &
 Kinross**

Client:
KDM Architects

Scale:
1:500 A3

Drawn by: GC Checked: LW Report No: 1899



Fig. 2 General view of the site from the east



Fig. 3 General view of Trenches 1 and 2 from the trees alongside the river Tay. The disturbed ground in the foreground marks the route of the sewer



Fig. 4 Trench 2 from the NW



Key:	Fig. No:	2-4	Revision:	A	Client:	KDM Architects	 <p>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</p>				
	Title:										
Scale:	Project:	Taymouth Drive, Kenmore, Perth and Kinross									
						Drawn by:	GC	Checked:	LW	Report No:	1899



Fig. 5 Trench 3 from the SW



Fig. 6 Trench 4 from the west

Key:	Fig. No:	5-6	Revision:	A	Client:	KDM Architects	 <p>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</p>				
	Title:										
Project: Taymouth Drive, Kenmore, Perth and Kinross											
Scale:						Drawn by:	GC	Checked:	LW	Report No:	1899