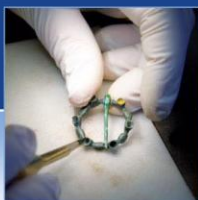


# Invergowrie Primary School (2011): Evaluation Data Structure Report

AOC Project 21680

Oasis ID aocarcha1-112248

19<sup>th</sup> October 2011



ARCHAEOLOGY

HERITAGE

CONSERVATION

# Invergowrie Primary School (2011): Evaluation Data Structure Report

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|                                       |                                     |
|---------------------------------------|-------------------------------------|
| <b>On Behalf of:</b>                  | <b>Perth &amp; Kinross Council</b>  |
| <b>National Grid Reference (NGR):</b> | <b>NO 3460 3030</b>                 |
| <b>AOC Project No:</b>                | <b>21680</b>                        |
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| <b>Date of Fieldwork:</b>             | <b>19<sup>th</sup> October 2011</b> |
| <b>Date of Report:</b>                | <b>24<sup>th</sup> October 2011</b> |

This document has been prepared in accordance with AOC standard operating procedures.

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**Date: 24<sup>th</sup> October 2011**

**Approved by: John Gooder**

**Date: 24<sup>th</sup> October 2011**

**Draft/Final Report Stage: Draft**

**Date: 24<sup>th</sup> October 2011**

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## Contents

|  | Page      |
|--|-----------|
| List of illustrations .....  | 1         |
| List of plates .....   | 1         |
| List of appendices .....   | 1         |
| Abstract.....  | 2         |
| <b>1 INTRODUCTION .....</b>  | <b>3</b>  |
| 1.1 Background .....   | 3         |
| 1.2 Location.....  | 3         |
| 1.3 Archaeological background .....  | 3         |
| <b>2. OBJECTIVES .....</b>   | <b>4</b>  |
| <b>3 METHODOLOGY .....</b>   | <b>4</b>  |
| <b>4 RESULTS .....</b>   | <b>5</b>  |
| <b>5 CONCLUSION.....</b>   | <b>5</b>  |
| <b>6 RECOMMENDATIONS .....</b>   | <b>5</b>  |
| <b>7 BIBLIOGRAPHIC REFERENCES.....</b>                                     | <b>6</b>  |
| <b>APPENDIX 1: Trench Descriptions .....</b>                               | <b>8</b>  |
| <b>APPENDIX 2: Photographic Record .....</b>                               | <b>10</b> |
| <b>APPENDIX 3: <i>Discovery and Excavation in Scotland</i> Report.....</b> | <b>11</b> |

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## List of illustrations

Figure 1 Site Location and Location of Evaluation Trenches

## List of plates

Plate 1 Trench 1 from north

Plate 2 Trench 6 from north-east

## List of appendices

Appendix 1 Trench Descriptions

Appendix 2 Photographic Record

Appendix 3 *Discovery and Excavation in Scotland* Report

## **Abstract**

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This report represents the results of an archaeological evaluation undertaken by AOC Archaeology Group on the site of a proposed extension to Invergowrie Primary School, Invergowrie, Perth and Kinross.

This work follows on from a previous evaluation carried out in 2010 on adjacent ground which at that time was unavailable for evaluation.

No archaeologically significant finds or features were encountered.

# 1 INTRODUCTION

## 1.1 Background

- 1.1.1 AOC Archaeology Group was commissioned by Perth & Kinross Council to undertake an archaeological evaluation in advance of a proposed extension to Invergowrie Primary School, Invergowrie, Perth & Kinross.
- 1.1.2 The proposed development lies within the administrative area of Perth & Kinross Council, which is advised on archaeological matters by the Perth & Kinross Heritage Trust (PKHT). PKHT required a programme of archaeological works in accordance with *Scottish Planning Policy* (Scottish Government February 2010) and *PAN 2/2011 Planning & Archaeology* (Scottish Government 2011) in determining the nature, extent, condition, date and significance of any archaeological remains within the proposed development area.
- 1.1.3 A *Written Scheme of Investigation* (AOC 2011) was agreed with PKHT in advance of the evaluation being undertaken. The works required a 6% sample of the total area (4087 m<sup>2</sup>) equating to 245 m<sup>2</sup>

## 1.2 Location

- 1.2.1 The proposed development site is located immediately to the west of Errol Road, Invergowrie, Perth & Kinross (centred NGR: NO 3460 3030). The site lies on the outskirts of Invergowrie and is bounded by the town itself to the north and east, and by fields to the west and south. The site comprises low-lying, flat ground with a high point of 16.54 m OD, recently formerly utilized by the Scottish Crop Research Institute.
- 1.2.2 The site is underlain by solid geology of Old Red Sandstone. The drift geology is comprised of Pleistocene deposits of reddish brown clay tills (Laing 1976, 27).

## 1.3 Archaeological background

- 1.3.1 Prior to the evaluation there were no known archaeological sites within the proposed development area. However, the surrounding landscape is rich in archaeological sites identified through aerial photography.
- 1.3.2 A Scheduled Ancient Monument (SAM 6516, NMRS: NO33SW46) identified to the north-west of the development site is composed of the remains of two souterrains and associated features represented by cropmarks visible on oblique aerial photographs. The site lies on fairly level ground in arable farmland at around 20 m OD. It consists of a large souterrain, some 20 m long by about 4 m wide, truncated to the north by the modern road. Some 20 m to the SSE is a second souterrain, some 25 m long by approximately 3 m wide, curving around a dark circular cropmark that may represent an associated building. Overlapping with this second souterrain is a small rectangular cropmark which may represent a later building.
- 1.3.3 Another Scheduled Ancient Monument (SAM 6517, NMRS: NO33SW41) identified to the west of the site comprises the remains of a rectilinear enclosure of prehistoric date represented by cropmarks visible on oblique aerial photographs. Located in arable farmland at around 20 m OD, it comprises a trapezoidal enclosure measuring some 35 m north-south by about 35 m east-west at its north end, tapering to approximately 25 m at its south end,

within a ditch some 2 m wide. Darker patches inside the enclosure appear to indicate the remains of former domestic structures.

- 1.3.4 A site (Perth and Kinross Sites and Monuments Record) identified by aerial photographic survey to the south of the development area comprises the western edge, north-western corner and part of the northern edge of the Roman temporary camp first recorded by Maitland in 1757. The cropmarks reveal the camp's dimension to have been c. 400 m north to south by c. 300 m east to west.
- 1.3.5 An evaluation of adjacent ground to the immediate north was undertaken in August 2010 (the current area was unavailable for evaluation at this time, as the land parcel was in the process of being purchased by Perth & Kinross Council). No archaeologically significant finds or features were encountered, although there was evidence of recent activity in the form of rubble field drains, modern pits and post-holes and two linear features of unknown function. A cinder path was also revealed running east to west along the northern half of the site AOC 2010).
- 1.3.6 Given the suite of known archaeological sites in the immediate landscape, the survival of hitherto unknown archaeological material was considered a significant possibility by PKHT.

## 2. OBJECTIVES

- 2.1 The objectives of the archaeological evaluation were:
  - i) to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area;
  - ii) to advise and implement an appropriate form of mitigation, such as excavation, post-excavation analyses and publication, given the infeasibility of preserving the archaeological material *in situ*, should significant archaeological remains be encountered.

## 3 METHODOLOGY

- 3.1 The trenching was designed to establish the extent, condition, character, quality, significance and date of any archaeological features present within the development area. Trenches were 21 m in length (2 m wide) and set on varying orientations.
- 3.2 Stripping of the overburden was by means of a single JCB excavator equipped with a 2 m wide toothless ditching bucket. Excavation was undertaken in shallow units/spits until the first significant archaeological horizon or natural subsoil was reached. All machine excavation was supervised by an experienced field archaeologist.
- 3.3 All trial trenching was undertaken according to AOC Archaeology Group's standard operating procedures. The trenches were backfilled on completion of the evaluation.

## 4 RESULTS

- 4.1 The archaeological evaluation was undertaken 19<sup>th</sup> October 2011. The weather conditions were good and good archaeological visibility was present throughout the entire evaluation. The following should be read in conjunction with the data presented in Appendices 1-3, Figure 1 and Plates 1 & 2.
- 4.2 Six trenches (Nos. 1 - 6) were dug with a total excavated area of 252 m<sup>2</sup> (combined basal dimensions)
- 4.3 The excavation of the trenches revealed topsoil (recently ploughed) comprising soft, dark brown clay silt. Numerous sherds of modern white ceramic and glass were observed scattered throughout the topsoil in all of the trenches. Underlying the topsoil, natural subsoil was a uniform sandy red clay (Plates 1 & 2). No significant archaeological features, deposits or artefacts were found in any of the trenches.



Plate 1: Trench 1 from north



Plate 2: Trench 6 from NE

## 5 CONCLUSION

- 5.1 No significant archaeological features or deposits were identified during the evaluation. Similarly no residual artefacts of archaeological significance were encountered within the topsoil. The significant balance of probability is that the development area is archaeologically sterile.

## 6 RECOMMENDATIONS

- 6.1 No further archaeological works are considered necessary. This recommendation will require confirmation by PKHT on behalf of Perth & Kinross Council.



## 7 BIBLIOGRAPHY

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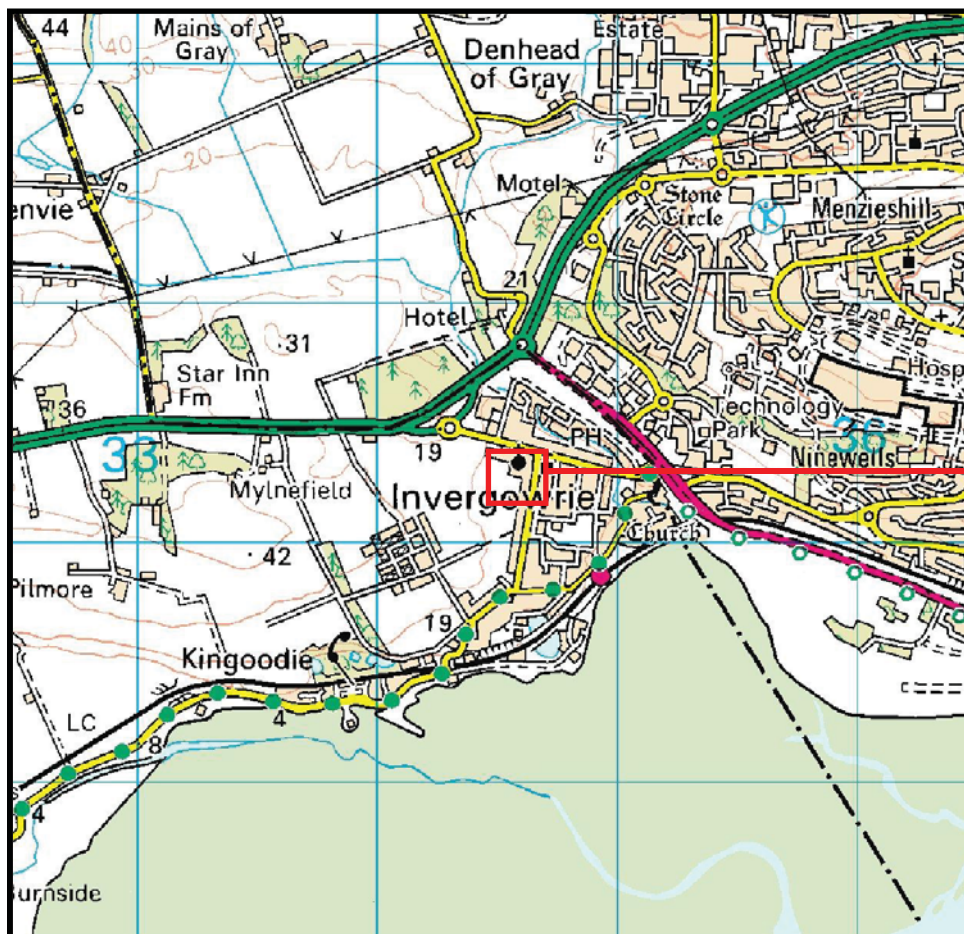
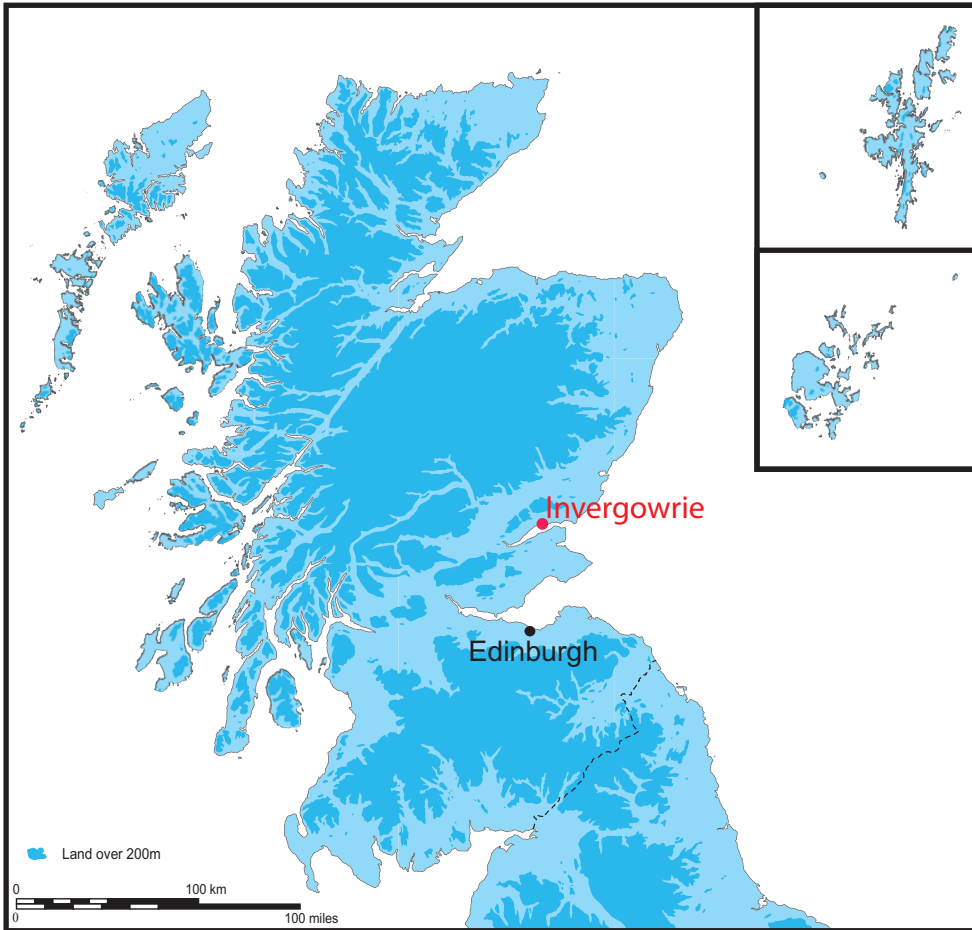
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 AOC Archaeology Group, Edgefield Industrial Estate, Loanhead, Midlothian, EH20 9SY  
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Figure 1: Location of the site at Invergowrie Primary School

Figure 2: Evaluation trench layout, Invergowrie Primary School



Based on a drawing supplied by the client

19.10.2011

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**Invergowrie Primary School (2011):  
Evaluation Data Structure Report**

**Section 2: Appendices**

## APPENDIX 1: Trench Descriptions

### Trench 1

|                             |   |
|-----------------------------|---|
| <i>Dimensions</i>           | 21 m by 2 m   |
| <i>Total Area</i>           | 42 m <sup>2</sup>   |
| <i>Orientation</i>          | N - S   |
| <i>Depth of Topsoil</i>     | 0.4-0.0.35 m  |
| <i>Depth of Excavation</i>  | 0.40 m  |
| <i>Significant Features</i> | None  |
| <i>Other Features</i>       | None  |
| <i>Subsoil</i>              | Red clay sand.  |
| <i>Finds</i>                | Occasional fragments of 19 <sup>th</sup> century and later white ceramic and glass through out topsoil (not kept) |

### Trench 2

|                             |   |
|-----------------------------|---|
| <i>Dimensions</i>           | 21 m by 2 m   |
| <i>Total Area</i>           | 42 m <sup>2</sup>   |
| <i>Orientation</i>          | E – W   |
| <i>Depth of Topsoil</i>     | 0.30 m  |
| <i>Depth of Excavation</i>  | 0.35 m  |
| <i>Significant Features</i> | None  |
| <i>Other Features</i>       | None  |
| <i>Subsoil</i>              | Red clay sand   |
| <i>Finds</i>                | Occasional fragments of 19 <sup>th</sup> century and later white ceramic and glass through out topsoil (not kept) |

### Trench 3

|                             |   |
|-----------------------------|---|
| <i>Dimensions</i>           | 21 m by 2 m   |
| <i>Total Area</i>           | 42 m <sup>2</sup>   |
| <i>Orientation</i>          | N – S   |
| <i>Depth of Topsoil</i>     | 0.3 m   |
| <i>Depth of Excavation</i>  | 0.35 m  |
| <i>Significant Features</i> | None  |
| <i>Other Features</i>       | None  |
| <i>Subsoil</i>              | Red clay sand   |
| <i>Finds</i>                | Occasional fragments of 19 <sup>th</sup> century and later white ceramic and glass through out topsoil (not kept) |

### Trench 4

|                             |   |
|-----------------------------|---|
| <i>Dimensions</i>           | 21 m by 2 m   |
| <i>Total Area</i>           | 42 m <sup>2</sup>   |
| <i>Orientation</i>          | E – W   |
| <i>Depth of Topsoil</i>     | 0.35 m  |
| <i>Depth of Excavation</i>  | 0.40 m  |
| <i>Significant Features</i> | None  |
| <i>Other Features</i>       | None  |
| <i>Subsoil</i>              | Red clay sand   |
| <i>Finds</i>                | Occasional fragments of 19 <sup>th</sup> century and later white ceramic and glass through out topsoil (not kept) |

### Trench 5

|                    |                   |
|--------------------|-------------------|
| <i>Dimensions</i>  | 21 m by 2 m       |
| <i>Total Area</i>  | 42 m <sup>2</sup> |
| <i>Orientation</i> | NE – SW           |

*Depth of Topsoil* 0.35 m  
*Depth of Excavation* 0.35 m  
*Significant Features* None  
*Other Features* None  
*Subsoil* Red clay sand  
*Finds* Occasional fragments of 19<sup>th</sup> century and later white ceramic and glass through out topsoil (not kept)

**Trench 6**

*Dimensions* 21 m by 2 m  
*Total Area* 42 m<sup>2</sup>  
*Orientation* NE - SW  
*Depth of Topsoil* 0.35 m  
*Depth of Excavation* 0.4 m  
*Significant Features* None  
*Other Features* None  
*Subsoil* Red clay sand  
*Finds* Occasional fragments of 19<sup>th</sup> century and later white ceramic and glass through out topsoil (not kept)

## APPENDIX 2: Photographic Record

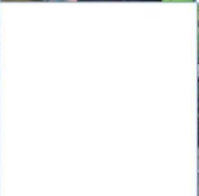
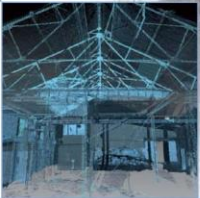
Black & White Print/ /Digital Film 1

| Frame | Trench | Description                   | From |
|-------|--------|-------------------------------|------|
| 1     |        | Registration                  |      |
| 2     | 1      | General post-excavation shot. | N    |
| 3     | 3      | General post-excavation shot. | N    |
| 4     | 4      | General post-excavation shot. | E    |
| 5     | 6      | General post-excavation shot. | NE   |

**APPENDIX 3: *Discovery and Excavation in Scotland Report***

|   |  |
|---|--|
| <b>LOCAL AUTHORITY:</b>   | Perth & Kinross Council  |
| <b>PROJECT TITLE/SITE NAME</b>  | Invergowrie Primary School (2011)  |
| <b>PROJECT CODE:</b>  | AOC 21680  |
| <b>PARISH:</b>  | Longforgan   |
| <b>NAME OF CONTRIBUTOR:</b>   | Erlend Hindmarch   |
| <b>NAME OF ORGANISATION:</b>  | AOC Archaeology Group  |
| <b>TYPE(S) OF PROJECT:</b>  | Archaeological Evaluation  |
| <b>NMRS NO(S)</b>   |  |
| <b>SITE/MONUMENT TYPE(S):</b>   |  |
| <b>SIGNIFICANT FINDS:</b>   |  |
| <b>NGR (2 letters, 6 figures)</b>   | NO 345 302   |
| <b>START DATE (this season)</b>   | 19 <sup>th</sup> October 2011  |
| <b>END DATE (this season)</b>   | 19 <sup>th</sup> October 2011  |
| <b>PREVIOUS WORK (incl. DES ref.)</b>   | Engl, R 2010 Invergowrie Primary School. <i>DES</i> , New Series Vol 11, 147.  |
| <b>MAIN (NARRATIVE) DESCRIPTION:</b><br>(May include information from other fields) | An archaeological evaluation was undertaken prior to a proposed extension to Invergowrie Primary School, Invergowrie. This work followed on from an adjacent 2010 evaluation on ground which at that time was unavailable for evaluation.<br><br>No archaeologically significant finds or features were encountered. |
| <b>PROPOSED FUTURE WORK:</b>  |  |
| <b>CAPTION(S) FOR ILLUSTRS:</b>   |  |
| <b>SPONSOR OR FUNDING BODY:</b>   | Perth & Kinross Council  |
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| <b>ARCHIVE LOCATION (intended/deposited)</b>  | Archive to be deposited in NMRS  |





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