

# CFA Archaeology Ltd

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*Environmental Impact Assessment*

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*Finds/ Environmental Analysis*

*Field Evaluation & Excavation*

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*Site & Landscape Survey*

*Geophysical Survey*

**Residential Development  
Land to South-West of Cemetery Road  
Rosewell, Midlothian  
Archaeological Evaluation**

**Report No. 3181**

## **CFA ARCHAEOLOGY LTD**

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Grid Ref	NT 29100 63140

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

**Residential Development  
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# **1 INTRODUCTION**

## **1.1 General**

This report presents the results of an archaeological evaluation undertaken by CFA Archaeology Ltd (CFA) in July and August 2014 for a residential development on land to the SW of Cemetery Road, Rosewell, Midlothian (NGR: NT 29100 63140) (Fig. 1). The work was commissioned by Miller Homes.

A Written Scheme of Investigation (WSI) dated 01 July 2014 covering this programme of works was produced by CFA on behalf of Miller Homes. The WSI was designed to meet the requirements of the East Lothian Council Archaeology Service (ELCAS) who act as archaeological advisors to Midlothian Council.

## **1.2 Background**

Miller Homes has had a planning application (Ref. No. 13/00752/DPP) approved for a residential development at Land to the South-West of Cemetery Road, Rosewell. This development consists of the construction of sixty-three dwelling-houses along with associated roads and a sustainable urban drainage system. The planning approval was subject an archaeological condition requiring a trial-trenching evaluation.

A desk-based assessment undertaken for the development in October 2013 by CFA (Tweedie 2013) identified a number of prehistoric sites within a 1km radius of the development area. These consisted of a twin pallisaded enclosure and field system at Whitebog, an enclosure at Parkneuk, three prehistoric pits recorded during trial-trenching to the east of the development, and two enclosures of probable prehistoric date to the south of the area. Consequently, it was decided that there was the potential for unrecorded prehistoric features to survive within the development area.

## **1.3 Objectives**

The objectives of the programme of works reported herein were:

- To establish the presence/absence, extent, condition, character, quality and date of any archaeological features or deposits within the proposed development areas through trial trenching evaluation
- To establish the vulnerability of any archaeological features to the proposed development
- To propose mitigation measures where appropriate to avoid, reduce or offset any predicted negative impacts on the archaeological resource.

## **2. WORKING METHODS**

### **2.1 General**

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

### **2.2 Evaluation**

A total of 18 trenches were excavated amounting to 1633m<sup>2</sup> (just over 5% of the development area).

Topsoil and subsoil were removed by a tracked 360° mechanical excavator equipped with a 1.8m wide smooth-bladed ditching bucket. All groundbreaking work was carried out under constant archaeological supervision. Any further excavation required to fulfil the objectives of the evaluation was carried out by hand.

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.

Trench positions were surveyed using industry standard electronic surveying equipment and all trenches were backfilled.

### **3. ARCHAEOLOGICAL RESULTS**

#### **3.1 General**

Numbers in bold refer to contexts, a full list of which is contained in Appendix 2. A summary of the trenches excavated is contained in Appendix 3.

The development area consisted of farmland, which contained a cereal crop at the time of trial trenching. A rounded knoll was present in the centre of the field, with a gentle ridge running south-east towards Carnethie Road. Standing water was present along the north-west site boundary, close to the cemetery wall.

Trenching commenced at the south-eastern end of the site as grouting works to stabilise old mine-workings were being undertaken to the north-west. This latter area was evaluated once the grouting was completed (Fig. 2).

#### **3.2 Trial Trenching**

The soil deposits across most of the development area consisted of 0.2m - 0.35m of grey-brown silt topsoil (**001**) overlying a clayey-sand natural (**002**) which varied from orange-brown to pink to creamy yellow. Stones were generally small and infrequent. In Trenches 17-18, at the base of the ridge, a thin grey subsoil was present. Regularly-spaced field drains were identified throughout the area indicating that the land had been improved during the 19<sup>th</sup>/20<sup>th</sup> century. These drains were of the ceramic cylinder type with collars and were of a very small diameter. Two possible cultivation furrows were identified, one located within Trench 1 (**004**) and the other within Trench 11 (**006**). These measured c.3m wide by >0.05m deep and were filled with orangey-brown clayey-silt and were on an east to west alignment, similar to the field drains.

No other archaeological features were identified in any of the trenches. Examples of these trenches are shown in Figs. 2-5.

#### **4. CONCLUSIONS**

An archaeological trial trenching evaluation was successfully carried out on land to the South-West of Cemetery Road, Rosewell in advance of a residential development. Eighteen trenches covering 1633m<sup>2</sup> were excavated.

The trial trenching uncovered a large number of field drains relating to 19<sup>th</sup>/20<sup>th</sup> century agricultural improvements. Possible evidence of earlier agriculture was also uncovered in the form of two very vestigial cultivation furrows. No features, deposits or artefacts of archaeological significance identified.

No further work is recommended in relation to this development. However, it is recognised that the final decision on any mitigation required lies with the planning authority as advised by ELCAS.

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 the Midlothian Council Sites and Monuments Record.

A summary statement will be submitted for publication in *Discovery and Excavation in Scotland* (See Appendix 4) and will also be reported on through *OASIS Scotland*.

#### **5. REFERENCES**

Tweedie, H, 2013, *Future Development in Rosewell, Midlothian: Desk-Based Assessment*, CFA Data Structure Report No. 3080

## APPENDIX 1: Photographic Register

Photo Number	Contexts/Description	Taken From
1	Tr 1 General shot	NE
2	Tr 2 General shot	SE
3	Tr 3 General shot	SE
4	Tr 4 General shot	SE
5	Tr 5 General shot	SE
6	Tr 6 General shot	NE
7-8	Service pipes in Tr6	NW
9	Tr 7 General shot	NE
10	Tr 8 General shot	NE
11	Tr 9 General shot	NE
12	Tr 10 General shot	NE
13	Tr 11 General shot	NE
14	Tr 12 General shot	SW
15	Tr 13 General shot	SW
16-23	General shots of development area	Various
24-30	General views of the northern end of the site after grouting	Various
31	Tr 14 general shot	SE
32	Tr 15 general shot	ESE
33	Tr 16 general shot	SE
34-35	Tr 17 general shot	W
36	Tr 17 general shot	E
37	Tr 18 general shot	W
38-45	General views of the northern end of the site after trenching	Various

## APPENDIX 2: Context Register

Context No.	Trench	Description
001	All	Topsoil consisting of grey-brown silt
002	All	Natural consisting of orange-brown sandy clay
003	17-18	Yellow grey subsoil under 001
004	1	Cut of possible Furrow
005	1	Fill of possible furrow - orangey-brown clayey-silt
006	11	Cut of possible Furrow
007	11	Fill of possible furrow - orangey-brown clayey-silt

## APPENDIX 3: Summary of Excavation Results

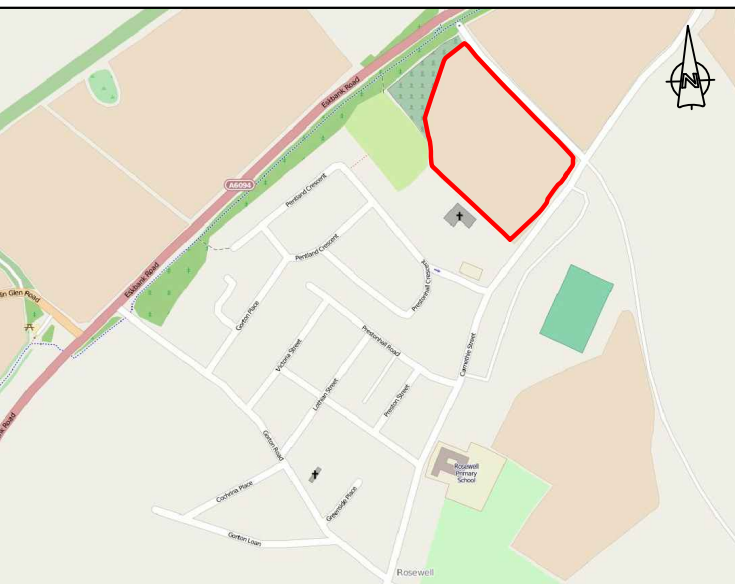
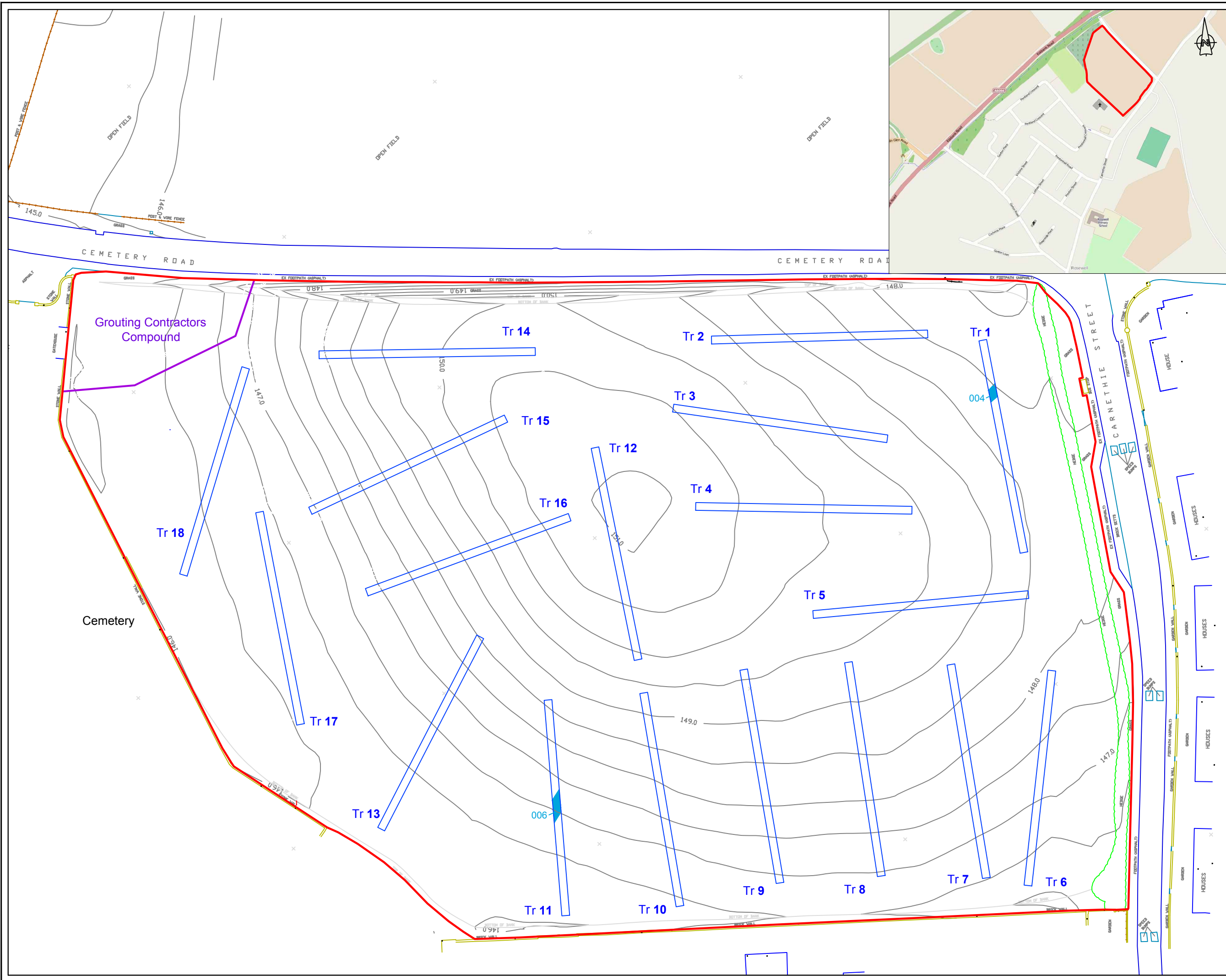
Trench Number	Trench Size	Depth of Deposits	Features
1	50x1.8m	0.3m	1 stone-hole, 1 field drain, plough scores, 1 cultivation furrow, 1 square cut test-pit
2	50x1.8m	0.35m	6 field drains
3	50x1.8m	0.25m	8 field drains
4	50x1.8m	0.25m	5 field drains, 1 square cut test-pit, 1 stone-hole
5	50x1.8m	0.25m	6 field-drains
6	50x1.8m	0.25m	Network of disused service pipes
7	50x1.8m	0.3m	3 field drains, 1 modern pit containing sheet of enamelled metal
8	50x1.8m	0.25m	2 field drains



9	50x1.8m	0.25m	2 field drains
10	50x1.8m	0.25m	2 field drains, 1 stone-hole
11	50x1.8m	0.2m	2 field drains, 1 cultivation furrow
12	50x1.8m	0.25m	1 field drain, 1 square cut test-pit
13	50x1.8m	0.35m	4 field drains, 1 square cut test-pit
14	57x1.8m	0.3m	field drains, modern test-pit
15	50x1.8m	0.3m	Field drains
16	50x1.8m	0.3m	Field drains
17	50x1.8m	0.3m / 0.1m	Field drains
18	50x1.8m	0.3m / 0.1m	Field drains

## APPENDIX 4: Discovery and Excavation in Scotland Entry

<b>LOCAL AUTHORITY:</b>	Midlothian
<b>PROJECT TITLE/SITE NAME:</b>	Land to the south-west of Cemetery Road, Rosewell, Midlothian.
<b>PROJECT CODE:</b>	HAWT2
<b>PARISH:</b>	Lasswade
<b>NAME OF CONTRIBUTOR:</b>	Magnus Kirby
<b>NAME OF ORGANISATION:</b>	CFA Archaeology Ltd
<b>TYPE(S) OF PROJECT:</b>	Trial Trenching Evaluation
<b>NMRS NO(S):</b>	N/A
<b>SITE/MONUMENT TYPE(S):</b>	N/A
<b>SIGNIFICANT FINDS:</b>	N/A
<b>NGR (2 letters, 8 or 10 figures)</b>	NT 2910 6314
<b>START DATE (this season)</b>	July 2014
<b>END DATE (this season)</b>	August 2014
<b>PREVIOUS WORK (incl. DES ref.)</b>	N/A
<b>MAIN (NARRATIVE) DESCRIPTION:</b>	An archaeological trial trenching evaluation covering 1633m <sup>2</sup> was carried out at Land to the South-West of Cemetery Road, Rosewell in advance of a residential housing development. The trial trenching uncovered a large number of field drains relating to 19 <sup>th</sup> /20 <sup>th</sup> century agricultural improvements. Evidence of earlier agriculture was also uncovered in the form of two possible cultivation furrows. No features, deposits or artefacts of archaeological significance were identified.
<b>PROPOSED FUTURE WORK:</b>	N/A
<b>CAPTION(S) FOR ILLUSTRS:</b>	N/A
<b>SPONSOR OR FUNDING BODY:</b>	Miller Homes
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
<b>EMAIL ADDRESS:</b>	cfa@cfa-archaeology.co.uk
<b>ARCHIVE LOCATION (intended/deposited)</b>	NMRS and Midlothian Council SMR



**Key:**

- Development Area
- Trenches



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Fig. No: 1	Report No: 3181
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Title:  
Location map and site plan showing the trenches

Project:  
Residential Development,  
Land to South-West of  
Cemetery Road, Rosewell,  
Midlothian, Archaeological  
Evaluation

Client:  
Miller Homes

Scale at A3:  
1:800

Drawn by: LW	Checked: LW	Date: 21/08/2014
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Fig. 2 - The northern end of the site after the completion of grouting showing Trenches 14-15 and 17-18



Fig. 3 - General view of Trench 2



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<b>Title:</b> Site photos	<b>Fig.</b> 2 - 3	<b>Report:</b> 3181	<b>Drawn:</b> LW	<b>CKD:</b> LW	<b>Date:</b> 21/08/14
<b>Client:</b> Miller Homes					
<b>Project:</b> Residential Development, Land to South-West of Cemetery Road, Rosewell, Midlothian, Archaeological Evaluation					



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Fig. 4 - General view of Trench 7



Fig. 5 - General view of Trench 15



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<b>Title:</b> Site photos	<b>Fig.</b> 4-5	<b>Report:</b> 3181	<b>Drawn:</b> LW	<b>CKD:</b> LW	<b>Date:</b> 21/08/14
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<b>Project:</b> Residential Development, Land to South-West of Cemetery Road, Rosewell, Midlothian, Archaeological Evaluation					



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