

Discovery and Excavation in Scotland – OASIS-type Form (2006)

LOCAL AUTHORITY:	CLACKMANNAN
PROJECT TITLE/SITE NAME:	Castle Campbell
PROJECT CODE:	HSCO-90063-2010-01
PARISH:	Dollar
NAME OF CONTRIBUTOR:	P Fox, J Godbert, D Murray
NAME OF ORGANISATION:	Kirkdale Archaeology
TYPE(S) OF PROJECT:	Watching brief
NMRS NO(S):	NS99NE 2.00
SITE/MONUMENT TYPE(S):	Castle
SIGNIFICANT FINDS:	None
NGR (2 letters, 8 or 10 figures)	NS 961 992
START DATE (this season)	3 March 2010
END DATE (this season)	30 September 2010 (still ongoing November 2010)
PREVIOUS WORK (incl. <i>DES</i> ref.)	
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	Archaeological monitoring and recording was carried out during remedial works on the N elevation parts of the interior in the custodian's apartments. The level of recording has been directed by Historic Scotland's programme of repair and consolidation and is intended to augment existing survey records. The overall scheme of work is directed towards weatherproofing the existing wall-head and roof structures from the W outer elevation, the N outer elevation and ultimately towards the W.
PROPOSED FUTURE WORK:	
CAPTION(S) FOR ILLUSTRS:	
SPONSOR OR FUNDING BODY:	Historic Scotland
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ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS

Historic Scotland
Properties in Care
Minor Archaeological Works
December 2009

Castle Campbell
Archaeological monitoring,
December 2009

HS Index No. 90063
Job No. HSCO-90063-2009-01



Kirkdale Archaeology
22 March 2010

Site Castle Campbell, near Dollar, Clackmannanshire.

N.G.R NS 96128 99300

Project Description Watching Brief on the excavation of a series of trenches to be used as footings for a scaffold. The scaffold will partially enclose the W side of the N façade of the Tower and the W side of the S façade of the S Range. The entire E façade of the Tower, E Range and S Range will be scaffolded to allow building recording ahead of remedial works to take place.

Project Code HSCO-90063-2010-01

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1.0 Introduction

Under the terms of its PIC call-off contract with Historic Scotland, Kirkdale Archaeology was asked to undertake an archaeological watching brief on the excavation of a series of trenches ahead of the erection of a scaffold at Castle Campbell near Dollar in Clackmannanshire. Forty trenches were excavated over a two day period around the W side of the N façade of the Tower, the W side of the S façade of the S Range and the E façade of the Tower, E Range and S Range. Where the ground was level, a simple de-turf or scrape was sufficient to bed the scaffold pads. The trenches ran deeper where the topography sloped i.e. around the area of the potential motte below the Tower, and the ravine falling away from the E façade of the castle. The brief was to dig a depth sufficient to provide a flat platform for each scaffold base - and as such, given the position of the trenches, there was no opportunity to assess the make-up of the mound below the Tower.

The Tower is thought to date to the early 15th Century, while the S Range was added around 1500, and the E Range in 1590.

The trenches were manually dug by Historic Scotland under archaeological supervision. No archaeological artefacts were recovered.

The work was carried out on the 7th and 14th December 2009

2.0 Description and Interpretation

Refer to Figure 1 for specific trench locations.

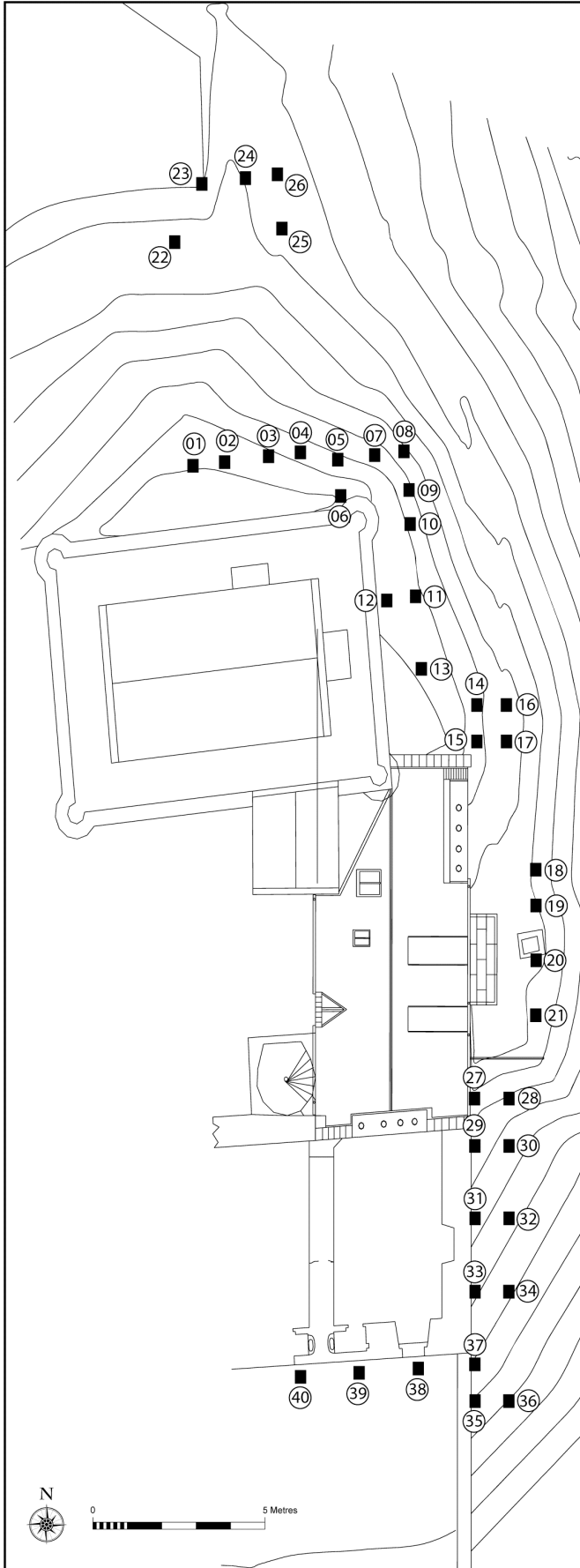


Figure 1: Trench locations

Trench 1

Dimensions: 480mm E-W x 400mm N-S. To the S, the trench was 100mm deep; to the N it was 50mm deep. The turf **101** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **102** containing modern terracotta pipe fragments - indicating that the ground had previously been disturbed.

Trench 2

Dimensions: 470mm E-W x 400mm N-S. To the S, the trench was 190mm deep; to the N it was 80mm deep. The turf **201** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **202** containing small (<60mm) sub angular sandstone fragments and small (<30mm) pebbles.

Trench 3

Dimensions: 500mm E-W x 500mm N-S. To the S, the trench was 220mm deep; to the N it was 70mm deep. The turf **301** extended to a depth of 50mm, and lay a layer of gritty mid-brown moderately compact silt **302** containing small (<60mm) sub angular sandstone fragments and small (<30mm) pebbles.



View of a typical trench following excavation (Trench 22, from the S).

Trench 4

Dimensions: 490mm E-W x 400mm N-S. To the S, the trench was 150mm deep; to the N it was 60mm deep. The turf **401** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **402** containing small (<60mm) sub angular sandstone fragments and small (<30mm) pebbles. In the bottom of the trench the beginning of a layer of angular sandstone fragments **403** became visible. This was not investigated as the required depth of the trench had been achieved.

Trench 5

Dimensions: 520mm E-W x 390mm N-S. To the S, the trench was 180mm deep; to the N it was 60mm deep. The turf **501** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **502** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles. In the bottom of the trench the beginning of a layer of angular sandstone fragments **503** became visible. This was not investigated as the required depth of the trench had been achieved.

Trench 6

Dimensions: 530mm E-W x 300mm N-S. To the S, the trench was 170mm deep; to the N it was 44mm deep. The turf **601** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **602** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles. In the E portion of the trench, bedrock was visible.

Trench 7

Dimensions: 700mm E-W x 700mm N-S. To the S, the trench was 360mm deep; to the N it was 20mm deep. The turf **701** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **702** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 8

Dimensions: 400mm E-W x 500mm N-S. To the W, the trench was 300mm deep; to the E it was 20mm deep. The turf **801** extended to a depth of 50mm, and lay over a of gritty mid-brown moderately compact silt **802** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 9

Dimensions: 450mm E-W x 420mm N-S. To the W, the trench was 190mm deep; to the E it was 40mm deep. The turf **901** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **902** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 10

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 200mm deep; to the E it was 40mm deep. The turf **1001** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **1002** containing small (<60mm) sub-angular sandstone fragments and modern terracotta pipe fragments - indicating that the ground had been previously disturbed.

Trench 11

Dimensions: 460mm E-W x 400mm N-S. To the S, the trench was 240mm deep; to the N it was 80mm deep. The turf **1101** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **1102** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 12

Dimensions: 500mm E-W x 390mm N-S. To the S, the trench was 140mm deep; to the N it was 50mm deep. The turf **1201** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **1202** containing small (<60mm) sub angular sandstone fragments and modern terracotta pipe fragments - indicating that the ground had previously been disturbed.

Trench 13

Dimensions: 380mm E-W x 500mm N-S. To the S, the trench was 170mm deep; to the N it was 90mm deep. The turf **1301** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **1302** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles. A layer of angular sandstone fragments **1303** was visible in the base of the trench, although this was not investigated further as the required depth had been achieved.

Trench 14

Dimensions: 500mm E-W x 520mm N-S. To the W, the trench was 240mm deep; to the E it was 50mm deep. The turf **1401** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **1402** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles. A layer of angular sandstone fragments **1403** was visible in the base of the trench, although this was not investigated further as the required depth had been achieved.

Trench 15

Dimensions: 460mm E-W x 450mm N-S. To the W, the trench was 160mm deep, to the E it was 50mm deep. The turf **1501** extended to a depth of 50mm, and lay over a layer of gritty mid-brown moderately compact silt **1502** containing small (<60mm) sub angular sandstone fragments and small (<30mm) pebbles. A layer of angular sandstone fragments **1503** was visible in the base of the trench, although this was not investigated further as the required depth had been achieved.

Trench 16

Dimensions: 340mm E-W x 350mm N-S. The trench was 50mm deep throughout. The turf **1601** was 50mm deep over an un-excavated layer of bedding sand **1602**.

Trench 17

Dimensions: 430mm E-W x 540mm N-S. The trench was 50mm deep throughout. The turf **1701** was 50mm deep over an un-excavated layer of bedding sand **1702**.

Trench 18

Dimensions: 440mm E-W x 440mm N-S. To the W, the trench was 220mm deep; to the E it was 90mm deep. The overgrown upper layer **1801** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **1802** containing small (<60mm) sub-angular sandstone fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 19

Dimensions: 400mm E-W x 520mm N-S. To the W, the trench was 200mm deep; to the E it was 40mm deep. The overgrown upper layer **1901** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **1902** containing small

(<60mm) sub-angular sandstone fragments, mortar flecks and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 20

Dimensions: 350mm E-W x 540mm N-S. To the W, the trench was 160mm deep; to the E it was 40mm deep. The overgrown upper layer **2001** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **2002** containing small (<60mm) sub-angular sandstone fragments, mortar flecks and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed. In the N section of the trench, red bricks **2003** were visible. These belonged to a modern manhole immediately to the NW.

Trench 21

Dimensions: 470mm E-W x 570mm N-S. To the W, the trench was 250mm deep; to the E it was 80mm deep. The overgrown upper layer **2101** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **2102** containing small (<60mm) sub-angular sandstone fragments, mortar flecks and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed. To the SW of the trench was a small down-pipe, with a square aperture measuring 200mm x 200mm.

Trench 22

Dimensions: 570mm E-W x 520mm N-S. The trench was 70mm deep throughout. The turf **2201** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **2202** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 23

Dimensions: 510mm E-W x 740mm N-S. To the S, the trench was 310mm deep; to the N it was 100mm deep. The turf **2301** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **2302** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 24

Dimensions: 500mm E-W x 520mm N-S. To the W, the trench was 150mm deep; to the E it was 50mm deep. The turf **2401** extended to a depth of 50 mm, and lay over a layer

of gritty mid-brown moderately compact silt **2402** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 25

Dimensions: 450mm E-W x 450mm N-S. The trench was 90mm deep throughout. The turf **2501** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **2502** containing small (<60mm) sub-angular sandstone fragments and small (<30mm) pebbles.

Trench 26

Dimensions: 450mm E-W x 450mm N-S. The trench was 100mm deep throughout. The turf **2601** extended to a depth of 50 mm, and lay over a layer of gritty mid-brown moderately compact silt **2602** containing small (<60mm) sub angular sandstone fragments and small (<30mm) pebbles.

Trench 27

Dimensions: 450mm E-W x 450mm N-S. The trench was 90mm deep throughout. The overgrown upper layer **2701** extended to a depth of 50 mm, and lay over a layer **2702** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 28

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 200mm deep; to the E it was 100mm deep. The overgrown upper layer **2801** extended to a depth of 50 mm, and lay over a layer **2802** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 29

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 170mm deep; to the E it was 100mm deep. The overgrown upper layer **2901** extended to a depth of 50 mm, and lay over a layer **2902** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 30

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 140mm deep; to the E it was 80mm deep. The overgrown upper layer **3001** extended to a depth of 50 mm, and lay over a layer was **3002** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 31

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 200mm deep; to the E it was 90mm deep. The overgrown upper layer **3101** extended to a depth of 50 mm, and lay over a layer **3102** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 32

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 200mm deep; to the E it was 70mm deep. The overgrown upper layer **3201** extended to a depth of 50 mm, and lay over a layer **3202** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 33

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 240mm deep: to the E it was 110mm deep. The overgrown upper layer **3301** extended to a depth of 50 mm, and lay over a layer **3302** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 34

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 200mm deep; to the E it was 100mm deep. The overgrown upper layer **3401** extended to a depth of 50 mm, and lay over a layer **3402** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 35

A simple shovel-scraper to clear vegetation revealed nothing of significance.

Trench 36

A simple shovel-scraper to clear vegetation revealed nothing of significance.

Trench 37

Dimensions: 450mm E-W x 450mm N-S. To the W, the trench was 100mm deep; to the E it was 40mm deep. The overgrown upper layer **3701** extended to a depth of 50 mm, and lay over a layer **3702** of accumulated mortar flecks, sandstone fragments, brick fragments and pieces of smashed field tile fragments - indicating that the ground had previously been disturbed.

Trench 38

A simple shovel-scraper to clear vegetation revealed nothing of significance in the flower bed to the S of the S Range.

Trench 39

A simple shovel-scraper to clear vegetation revealed nothing of significance in the flower bed to the S of the S Range.

Trench 40

A simple shovel-scraper to clear vegetation revealed nothing of significance in the flower bed to the S of the S Range.

3.0 Conclusions and Recommendations

Nothing of archaeological significance was noted during this watching brief, and thus there remains the possibility that the Tower could be bedded on the *motte* of an earlier castle.

Alternatively, the visible bedrock exposed in patches both on the knoll and in the courtyard of the castle could indicate that the knoll is simply a landscaped natural bedrock extrusion.

Mid 20th Century photographs show the N façade of the Tower covered by scaffold - which presumably relates to the building of the Tower roof. This earlier scaffold would have required the excavation of small trenches to place the pads for the scaffold in, and may thus account for some of the modern material revealed during the excavation of the trenches discussed earlier.

The depths of the trenches dug during this work were so shallow that an in-depth examination of any sub-surface features was negated. Future ground-breaking work may reveal more of interest, and thus should be similarly monitored.

A1.0 CONTEXT LIST

Number	Description
101	Turf
102	Mid-Brown Topsoil
201	Turf
202	Mid-Brown Topsoil
301	Turf
302	Mid-Brown Topsoil
401	Turf
402	Mid-Brown Topsoil
403	Layer of Angular Sandstone Fragments
501	Turf
502	Mid-Brown Topsoil
503	Layer of Angular Sandstone Fragments
601	Turf
602	Mid-Brown Topsoil
701	Turf
702	Mid-Brown Topsoil
801	Turf
802	Mid-Brown Topsoil
901	Turf
902	Mid-Brown Topsoil
1001	Turf
1002	Mid-Brown Topsoil
1101	Turf
1102	Mid-Brown Topsoil
1201	Turf
1202	Mid-Brown Topsoil
1301	Turf
1302	Mid-Brown Topsoil
1303	Layer of Angular Sandstone Fragments
1401	Turf
1402	Mid-Brown Topsoil
1403	Layer of Angular Sandstone Fragments
1501	Turf
1502	Mid-Brown Topsoil
1503	Layer of Angular Sandstone Fragments
1601	Turf
1602	Bedding Sand
1701	Turf
1702	Bedding Sand
1801	Overgrown Upper Layer
1802	Mid-Brown Topsoil
1901	Overgrown Upper Layer
1902	Mid-Brown Topsoil
2001	Overgrown Upper Layer
2002	Mid-Brown Topsoil

Number	Description
2003	Brick Manhole Wall
2101	Overgrown Upper Layer
2102	Mid-Brown Topsoil
2201	Turf
2202	Mid-Brown Topsoil
2301	Turf
2302	Mid-Brown Topsoil
2401	Turf
2402	Mid-Brown Topsoil
2501	Turf
2502	Mid-Brown Topsoil
2601	Turf
2602	Mid-Brown Topsoil
2701	Overgrown Upper Layer
2702	Silt and Modern Debris
2801	Overgrown Upper Layer
2802	Silt and Modern Debris
2901	Overgrown Upper Layer
2902	Silt and Modern Debris
3001	Overgrown Upper Layer
3002	Silt and Modern Debris
3101	Overgrown Upper Layer
3102	Silt and Modern Debris
3201	Overgrown Upper Layer
3202	Silt and Modern Debris
3301	Overgrown Upper Layer
3302	Silt and Modern Debris
3401	Overgrown Upper Layer
3402	Silt and Modern Debris
3701	Overgrown Upper Layer
3702	Silt and Modern Debris

A2.0 DRAWING LIST

Number	Description	Scale
1	Plan of Trenches 1-40	1:50

A3.0 Digital Photo List

Number	Description	Facing	Date
1	Shot of Trench 1	S	7/12/2009
2	Shot of Trench 2	S	7/12/2009
3	Shot of Trench 3	S	7/12/2009
4	Shot of Trench 4	S	7/12/2009
5	Shot of Trench 5	S	7/12/2009
6	Shot of Trench 6	S	7/12/2009
7	Shot of Trench 7	NE	7/12/2009
8	Shot of Trench 8	S	7/12/2009
9	Shot of Trench 9	S	7/12/2009
10	Shot of Trench 10	S	7/12/2009
11	Shot of Trench 12	S	7/12/2009
12	Shot of Trench 11	S	7/12/2009
13	Shot of Trench 13	S	7/12/2009
14	Shot of Trench 14	S	7/12/2009
15	Shot of Trench 15	S	7/12/2009
16	Shot of Trench 16	S	7/12/2009
17	Shot of Trench 18	E	7/12/2009
18	Shot of Trench 19	E	7/12/2009
19	Shot of Trench 20	E	7/12/2009
20	Shot of Trench 21	E	7/12/2009
21	Shot of Trench 17	S	7/12/2009
22	Shot of Trench 22	S	7/12/2009
23	Location Shot of Trench 23	S	14/12/2009
24	Shot of Trench 40	N	14/12/2009
25	Location Shot of Trench 40	N	14/12/2009
26	Shot of Trench 39	N	14/12/2009
27	Location Shot of Trench 39	N	14/12/2009
28	Shot of Trench 38	N	14/12/2009
29	Location Shot of Trench 38	N	14/12/2009
30	General Shot of Trenches 38-40	NE	14/12/2009
31	Shot of Trench 23	S	14/12/2009
32	Shot of Trench 23	E	14/12/2009
33	Location Shot of Trench 23	S	14/12/2009
34	General Shot of Scaffold	S	14/12/2009
35	General Shot of Scaffold	SSW	14/12/2009
36	General Shot of Scaffold	S	14/12/2009
37	General Shot of Site	S	14/12/2009
38	Shot of Trench 24	S	14/12/2009
39	Shot of Trench 24	W	14/12/2009
40	Shot of Trench 25	S	14/12/2009
41	Shot of Trench 26	S	14/12/2009
42	Location Shot of Trenches 25 and 26	S	14/12/2009
43	Shot of Trench 27	W	14/12/2009
44	Shot of Trench 28	N	14/12/2009
45	Shot of Trench 29	W	14/12/2009
46	Shot of Trench 30	N	14/12/2009

Number	Description	Facing	Date
47	Shot of Trench 31	W	14/12/2009
48	Shot of Trench 32	N	14/12/2009
49	Shot of Trench 33	W	14/12/2009
50	Shot of Trench 34	N	14/12/2009
51	Shot of Trench 37	W	14/12/2009
52	Shot of Trench 35	W	14/12/2009
53	Shot of Trench 36	N	14/12/2009
54	General Shot of Trenches 29-37	SSW	14/12/2009
55	General Shot of Trenches 22-26	NE	14/12/2009
56	Shot of Scaffold	E	14/12/2009