

# Ness Castle Inverness



# **Archaeological Evaluation**

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# **Archaeological Evaluation**

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# **Summary**

An archaeological trial trenching evaluation was undertaken from 18 October to 5 November 2010 at the site of a proposed housing development at Ness Castle, Inverness. No significant archaeological features were found.

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# Aims and objectives

- To minimise any possible delay or cost to the development by anticipating archaeological requirements as far as possible, timetabling and integrating archaeological recording work with the project, and dealing with any issues arising quickly and efficiently.
- To determine as far as possible the character, extent, condition, date and significance of any archaeologically significant remains; and to preserve these where possible and record where necessary in line with national and local policies and standards.
- To ensure that any artefacts or human remains are dealt with in accordance with legal requirements and current Historic Scotland policy guidance.

# Acknowledgements

Fieldwork was carried out by Emma Malone assisted by Gina Gordon, Steven MacFarlane, and Brendan Malone. We wish to thank Ewan MacGregor of WSD Scotland Ltd for commissioning this work on the clients' behalf; Donald and Hamish McInnes for machine hire and operation and for much practical help on site; and Andrew Puls of the Highland Council Archaeology Unit for his assistance.

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# **Site Location**

The development site, centred on NGR NH 648 414, is located between the Dores Road and the Essich Road on the SW outskirts of Inverness. It rises from about 28m above sea level along the northern boundary to about 53m at the southern corner.

The site lies within the policies of Ness Castle, a 19<sup>th</sup> c. country house which comprise grazing land with mature trees and woodland. Many trees are covered by Tree Protection Orders and there are badger setts and other constraints.

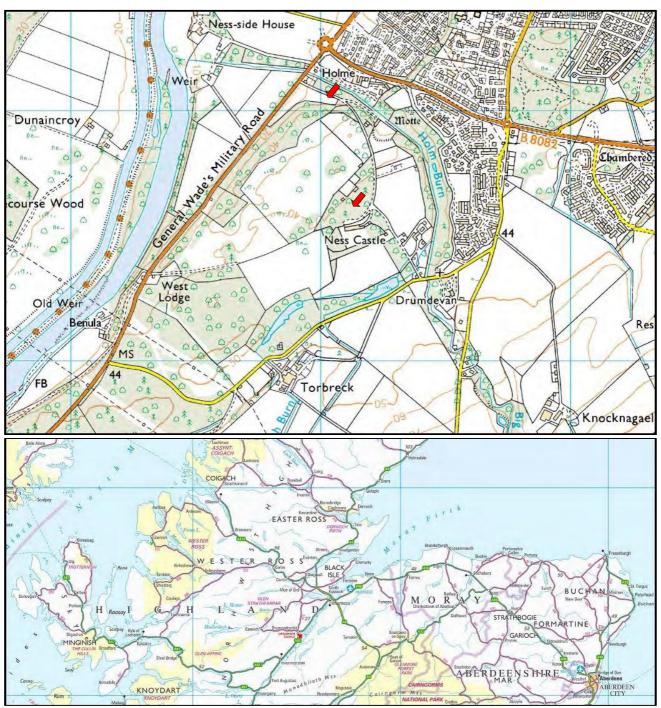


Figure 1 Site location

## Introduction

This report presents the results of an archaeological trial trenching evaluation undertaken from 18 October to 5 November 2010 on behalf of the Tyser Trust and the MacRae Consortium in advance of a housing development at Ness Castle, Inverness, centred on NGR NH 6481 4145 (Figure 1).

The project area is shown in Figure 2 below.



Figure 2 Project area

# **Planning Background**

An archaeological assessment was requested in this case because there was potential for finds or features of interest to be discovered during site works. The current planning and policy framework includes the Highland Council's *Structure Plan*<sup>1</sup>, and the Scottish Government's *Scottish Planning Policy* (SPP), issued in February 2010, which consolidates and supersedes the previous SPP and NPPG series<sup>2</sup>. The fundamental principles underpinning UK and Scottish policies are set out in *Passed to the Future: Historic Scotland's Policy for the Sustainable Management of the Historic Environment* (2002)<sup>3</sup> and the *Burra Charter* (Australia ICOMOS 1999).<sup>4</sup>

The construction of new housing at Ness Castle has the potential to impact on buried features of historic and archaeological importance. An archaeological trial trenching evaluation of the site was requested by Highland Council Planning Department (planning reference IN-08-074) to determine its archaeological baseline.

<sup>&</sup>lt;sup>1</sup> http://www.highland.gov.uk/yourenvironment/planning/developmentplans/structureplan/thehighlandstructureplan.htm

<sup>&</sup>lt;sup>2</sup> http://www.scotland.gov.uk/Publications/2010/02/03132605/8

<sup>&</sup>lt;sup>3</sup> www.historic-scotland.gov.uk/pasttofuture.pdf

<sup>&</sup>lt;sup>4</sup> http://www.icomos.org/australia/burra.html

# **Historical and Archaeological Background**

The site lies within the policies of Ness Castle, a large, late Georgian villa dating to about 1830, with glasshouses and an Italianate water tower. It is shown as a grand house on John Thomson's Atlas of Scotland (1832) as Ness Castle<sup>5</sup>. It was also known as Darochville, by which name it is mentioned in the New Statistical Account of 1845<sup>6</sup> as the residence of Lady Saltoun, the only aristocrat then resident in the parish of Inverness. It was bought by Sir John Ramsden in 1871 and Lloyd George may have been a guest here at the time of the Cabinet Meeting at Inverness Town House on 7 September 1921 which led to the Partition of Ireland. The buildings are Listed Category B, but the grounds and policies are not included in the Inventory of Gardens and Designed Landscapes in Scotland. During the Second World War the house and grounds were taken over for military use and the parkland was used as a golf course<sup>7</sup> but there is now no clear indication of this on the ground.

Before the present exercise there had been no recorded archaeological excavation or survey within the site area, but the surrounding area is rich in archaeology, albeit very damaged by past ploughing. The parkland has been much less intensively farmed than the surrounding land over the last 200 years, so it was considered that any surviving buried archaeology might survive in comparatively good condition.

General Wade's Military Road between Fort George and Fort Augustus (c. 1732) forms the modern B862 road along the northern boundary of the site. The minor road from Drumashie Moor to the east of the site is on the line of the 1726 wade road to its junction with the 1732 road on the southern outskirts of Inverness. Realignment of the road at NH 6555 4096 isolates a 130m length of the old road on the E side, crossing the Holm Burn

There are three recorded features of archaeological or historical interest within the policies of Ness Castle, all outwith the present development area. These include the house itself, and two possible cairns of unknown date, apparently field clearance, reported in 2004 to the west of the house at NGR NH 6490 4146 and NH 6495 4127. These are recorded on the Highland Historic Environment Record (HHER)<sup>8</sup>, but there are no further details. They do not appear on the National Monuments Record.

Close to the north-east site boundary, across the Holm Burn from the Nursery gardens at NH 6535 4200, is a medieval Scheduled site of national importance: the Holm House motte or moot hill<sup>9</sup>. This stands about 5m above a deep ditch 8m wide around the east and south sides. Also close to the northern boundary are offices and a summer house belonging to Holm House<sup>10</sup>

To the north-east, an archaeological desk-based assessment and walkover survey were undertaken in June 2004 for the proposed Inverness SW Flood Relief scheme along the Holm Burn. Two new archaeological sites were noted: a house and a possible clearance cairn<sup>11</sup>. This was followed in 2009 by an archaeological evaluation consisting of 40 trial trenches, which revealed a probable old ground surface and two areas of burning<sup>12</sup>. There was also a scatter of undatable pits.

Another archaeological field evaluation was undertaken in 2000 in advance of housing development at Holm Mains Farm<sup>13</sup>. This included geophysical survey and trial trenching. However this too revealed only pits of indeterminate date, truncated by ploughing: as did a watching brief on site clearance for an individual house-

9 SAM 3078; HHER: MHG3784; NMRS: NH64SE29 HOLM HOUSE

<sup>&</sup>lt;sup>5</sup> John Thomson's Atlas of Scotland, 1832 Northern part of Inverness-shire, Southern Part. National Library of Scotland.

<sup>&</sup>lt;sup>6</sup> Listed Building 8056; NMRS NH64SE 174; HHER MHG15778; MHG44020; New Statistical Account XIV (1835), 16

<sup>&</sup>lt;sup>7</sup> Emma Malone pers.comm

<sup>&</sup>lt;sup>8</sup> HHER MHG38914-5

<sup>&</sup>lt;sup>10</sup> HHER MHG20061 Summer House; MHG20057 House, MHG20059 Lodge, MHG20060 Outhouse

<sup>&</sup>lt;sup>11</sup> Farrell, S (2004) 'Inverness Flood Prevention Scheme (Inverness & Bona parish), survey', *Discovery Excav Scot, vol.5*, 75

<sup>&</sup>lt;sup>13</sup> Halliday, S (2000g) 'Holm Mains Farm, Inverness, Highland (Inverness & Bona parish), evaluation', Discovery Excav Scot, vol., 52-3

site at Torbreck, close to the southern boundary of the present site, in 1998-9<sup>14</sup> and many other similar evaluations carried out ahead of housing developments in this area.

# Methodology

Work was conducted as far as possible in accordance with the scheme of work agreed in advance between Highland Archaeology Services, the clients and the Highland Council's Archaeology Unit. <sup>15</sup> However, some areas could not be investigated owing to ecological constraints or the presence of cables, sewers or water mains that we were not aware of when preparing the initial proposal. Agreement was obtained to vary the brief to meet these constraints.

All work was conducted to accord with the Institute for Archaeologists' (IfA) *Standard and Guidance for an Archaeological Evaluation* and *Code of Conduct*<sup>16</sup>.

#### Desk-based assessment

A desk-based assessment was conducted prior to commencement of the evaluation in order to assess the archaeological potential of the area based on previously recorded sites and any historical documentation. The methodology and results have been reported previously<sup>17</sup> and are only summarised in the Archaeological background section above.

## **Trial Trenching Evaluation**

Access roads: 29,842 sq m. 5% sample = 1,492 sq m.

12 bucket-width trenches were proposed, nominally 1.5m wide and 50m long, to cover 900 sq m.; and 6 x square trenches 10m x 10m to cover 600 sq m.; providing a sample area of 1500 sq m.

It was found that of the above, 18,495 sq m. were accessible for evaluation

Tyser Trust Area: 93,657 sq m. 5% sample = 4,683 sq m.

54 bucket-width trenches, nominally 1.5m wide and 50m long, were proposed here to cover 4,050 sq m.; and 7 square trenches 10m x 10m to cover 700 sq m.; providing a sample area of 4,750 sq m.

It was found that of the above, 74,757 sq m. were accessible for evaluation

MacRae Consortium (extended area): 95,900 sq m. Of this the developable area covers 66904 sq m. 5% sample = 3345.2 sq m.

38 bucket-width trenches, nominally 1.5m wide and 50m long, were proposed here to cover 2,850 sq m.; and 5 square trenches 10m x 10m to cover 500 sq m.; providing a sample area of 3,350 sq m.

<sup>15</sup> Wood J 2010 (b) Ness Castle, Torbreck, Inverness: Proposed Trial Trenching Evaluation. Written Scheme of Investigation Highland Archaeology Services, Cromarty (Report No. HAS100903)

<sup>17</sup> Wood, J 2010 (a) Ness Castle, Torbreck, Inverness: Archaeological Assessment Highland Archaeology Services, Cromarty (Report No. HAS100505)

<sup>&</sup>lt;sup>14</sup> HHER EHG225

<sup>&</sup>lt;sup>16</sup> Institute for Archaeologists (IfA).

It was found that of the above, 46,571 sq m. were accessible for evaluation

However, it was found on arrival that some trenches could not be opened and others had to be modified or realigned owing to ecological or other constraints. Nevertheless, a total of 94 trenches were opened: 11 within the access road area; 34 within the MacRae Consortium area, and 49 within the Tyser Trust area. The final sample of the accessible area was as follows:

(sq m)	Accessible	Evaluated	Percentage		No of Trenches
Access Road	18,495	911	5%	Access Road	11
MacRae	46,571	3220.06	7%	MacRae	34
Tyser Trust	74,757	5117.3	7%	Tyser Trust	49
Total area (sq m)	139,823	9248.36	7%	Total	94

Within the trial trenches, topsoil and overburden were removed as far as the first visible soil change, using a back-acting mechanical excavator fitted with a straight-edged bucket under archaeological supervision. They were then cleaned as necessary by hand to identify any features. Features were sectioned and excavated and all other work was undertaken as proposed in the Written Scheme of Investigation<sup>18</sup>.

Plans were produced of the trench layout, and of archaeological features discovered. Depths of trenches were taken from the adjoining surface. Trench and feature locations were plotted using Promark 3 DGPS units in real-time SBAS differential correction mode which typically provides 0.3-2m accuracy, although this can be affected by multipath interference from trees, buildings or other obstructions. The results were then post-processed and calibrated to the Ordnance Survey Mastermap mapping using ArcView 9.

Each feature of archaeological interest was excavated in section and recorded, after which trenches were backfilled upon completion of excavation.

<sup>&</sup>lt;sup>18</sup> Wood J 2010 (b) Ness Castle, Torbreck, Inverness: Proposed Trial Trenching Evaluation. Written Scheme of Investigation Highland Archaeology Services, Cromarty (Report No. HAS100903)



Figure 3 Trenches as excavated (See also larger scale plans in Appendix 1)

## **Fieldwork Results**

Weather conditions were typical for the autumn including periods of heavy rain, sunshine and strong winds. Good visibility is essential for this type of work and reducing day length constrained the working time available.

Only recorded features are described here. A table with details of all trenches excavated is provided as an appendix.

# Feature 1 Field Clearance Heap

Not excavated. Grid Ref NH 6510 4189

This was a field clearance heap of clearly post-medieval origin. It was not excavated.

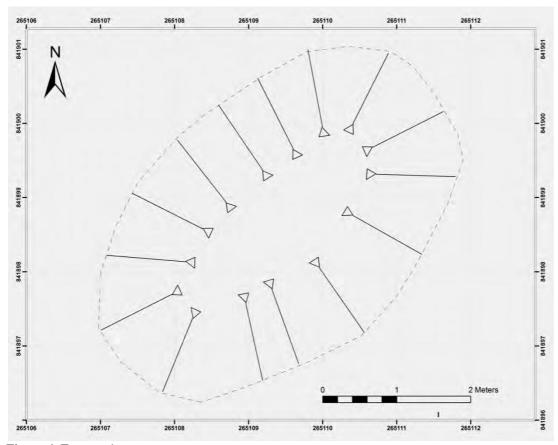


Figure 4 Feature 1



Plate 1 Feature 1

#### Feature 2 Pit

Trench 75 Grid Ref NH 6508 4199

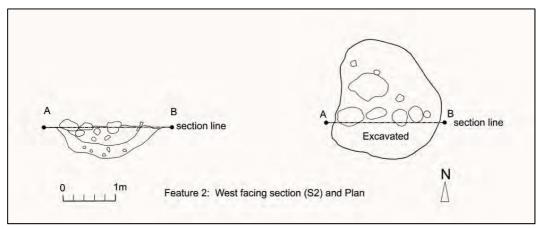


Figure 5 Feature 2

A rounded pit in Trench 75, of uncertain date, c. 1.22m x 1.4m x. 0.5m deep. There were no indications of any structures or artefacts, or of dating evidence. The primary fill (c.005) appeared to be the result of natural accumulations suggesting this was open for an extended period. See Figure 5.



Plate 2 Feature 2

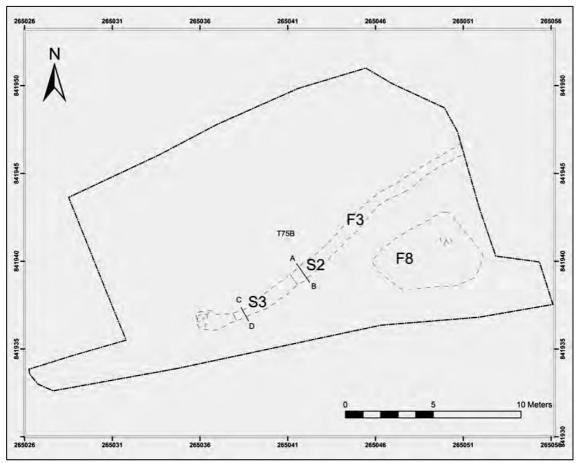


Figure 6 Features 3 and 8 in Trench 75B

Trench 75B Grid Ref NH 6504 4193

A V shaped ditch, c. 0.75 wide x 0.4 deep, running NW-SE in Trench 75B. Full length not established. No dating evidence was recovered and this appears to be a simple spade-cut drain for a wet area. See Figures 6 and 7.

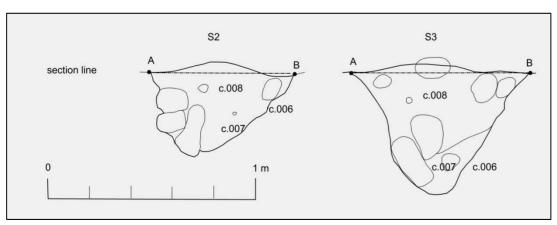


Figure 7 Feature 3: E facing sections (S2, S3)

This was checked and found not to be archaeological in nature. This Feature no. was therefore deleted.



Plate 3 Feature 5

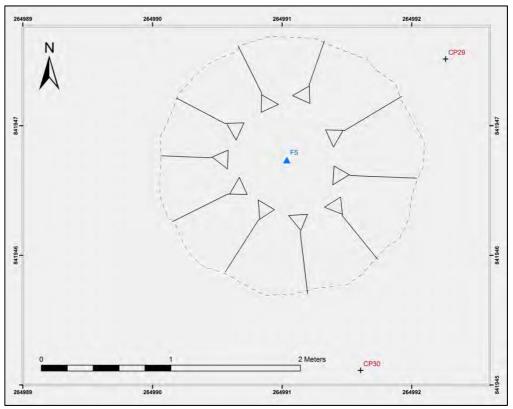


Figure 8 Feature 5

Not excavated. Grid Ref NH 6499 4194

An ill-defined, small circular scatter of stones, approximately 2m in diameter:  $19^{th}$  or  $20^{th}$  c. field clearance (see Plate 3 and Figure 8)



Plate 4 Feature 6

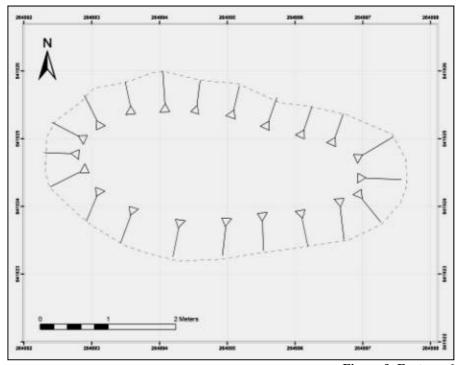


Figure 9 Feature 6

Not excavated Grid Ref NH 6499 4192

This was a field clearance heap of clearly post-medieval origin, approximately 5.3m x 2.6m. It was not excavated. (See Plate 4 and Figure 9 above)



Plate 5 Feature 7

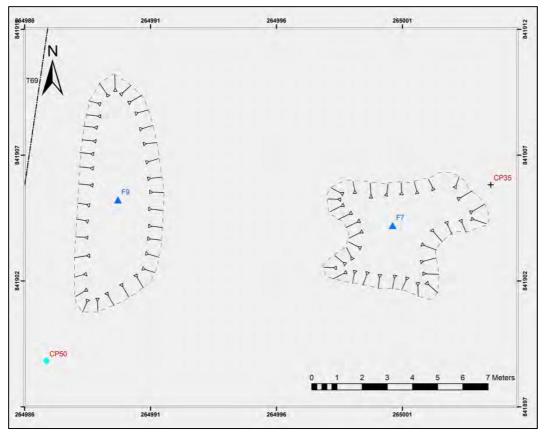


Figure 10 Features 7 and 9

Not excavated Grid Ref NH 6500 4904

This was a field clearance heap of clearly post-medieval origin, c. 6.7m x 5.8m x 0.3m high. It was not excavated. (See Plate 5 and Figure 10 above)

#### Feature 8

Trench 75B Grid Ref NH 6504 4194

This was an ill-defined spread of rounded stones, c. 3.6m x 5.2m, probably of natural origin but possibly resulting from field clearance. See Figure 6 above.

#### Feature 9

Not excavated. Grid Ref NH 2649 8419

This was an elongated grassy mound about 2m east of Trench 69, approximately 9.5m x 3.4m and 0.2m high at maximum extent, covering rounded stones, probably resulting from field clearance. See Figure 10 above and plate 6 below. Unfortunately it was not possible to cut a section through this feature during the evaluation. This should be undertaken prior to site stripping.



Plate 6 Feature 9

## Features 10A, 10B

#### 10A Trench 24 Grid Ref NH 6504 4170; 10B Trench 15 Grid Ref NH 6507 4170

These were clearly sections of the same feature appearing in two trenches: a shallow, flat, stone-filled trench, apparently the foundation of a substantial, well-built stone dyke, c. 1m wide. It was approximately 0.3m deep. It was noted in Trenches 24 (Feature 10A) and 15 (Feature 10B). No dating evidence was found but it had a strong character of a substantial, straight-looking, post-medieval estate wall dismantled to ground level. It does not appear on the 1<sup>st</sup> edition Ordnance Survey 1:10560 or 1:2500 maps, surveyed in 1868-70, but these post-date the establishment of the parkland and show it more or less as it is today. The wall is probably associated in some way with the establishment of Ness Castle itself in the1830s – perhaps an early boundary wall before the park was completed to its present extent. Further investigation might be warranted before site stripping to gain more information on the extent of this feature.



Plate 7 Feature 10A in Trench 24: Section S4

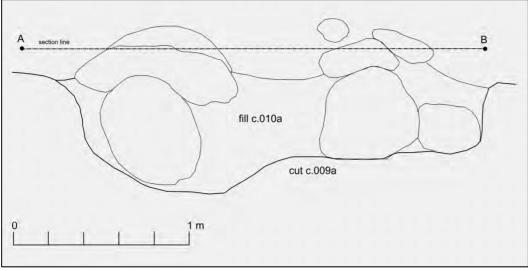


Figure 11 Feature 10A in Trench 24: E facing section (S4)

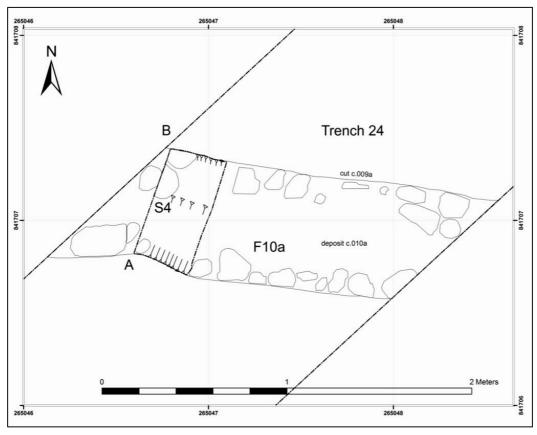


Figure 12 Feature 10a in Trench 24, showing section excavated (P2).

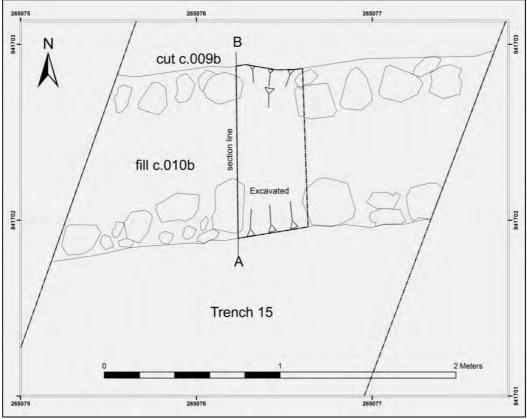


Figure 13 Feature 10B in Trench 15, showing excavated area and section

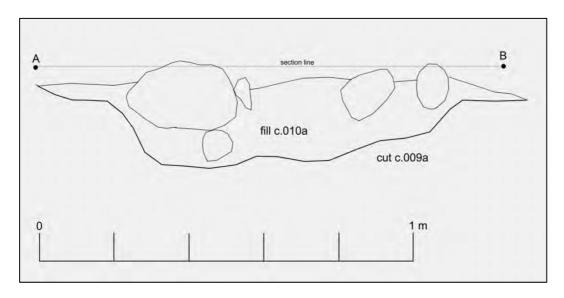


Figure 14 Feature 10B, Trench 15: East facing section (S5)

Not excavated. Grid Ref NH 6492 4182

This was a post-medieval field clearance heap about 15m west of Trench 63, approximately 13.4m x 11.7m and 0.4m high at maximum extent, comprising rounded stones, probably resulting from field clearance. See Figure 15 and Plate 8 below.

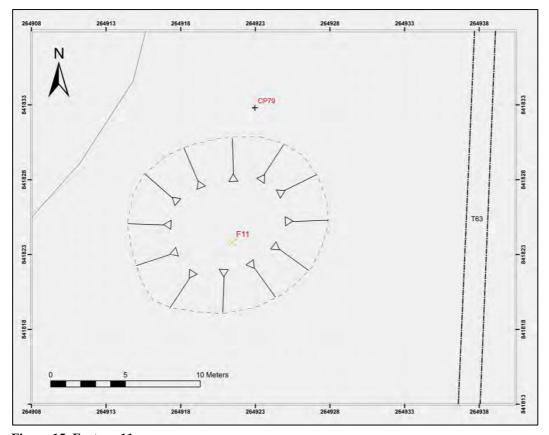


Figure 15 Feature 11



Plate 8 Feature 11

This was checked and found not to be archaeological in nature. This Feature no. was therefore deleted.

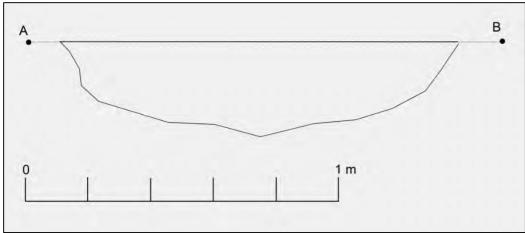


Figure 16 Feature 13: Profile

#### Trench 26 Grid Ref NH 6497 4172

This was a post-medieval stone-filled field drain in Trench 26, approximately 1m wide and 0.2m deep at maximum extent, comprising rounded stones. See Figures 16 and 17.

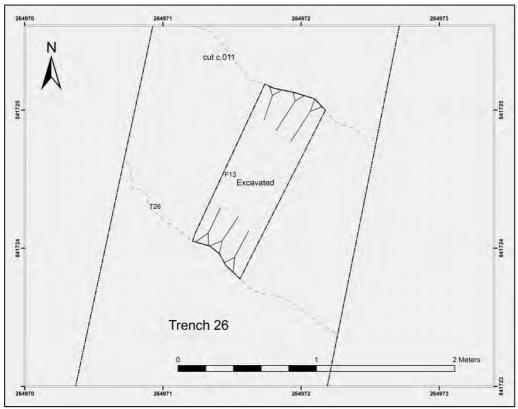


Figure 17 Feature 13: Excavated section

#### Feature 14

#### Trench 42 Grid Ref NH 6480 4178

This was a dense but ill-defined heap of rounded stones, probably the result of post-medieval field clearance, approximately 10.4m x 10m x 2m high at maximum extent. A trench (Trench 42) was opened over this feature and a section cut. This section was photographed (see Plate 9) but a drawn section was not attempted. See Figure 18 and Plate 9 below.



Plate 9 Section through Feature 14

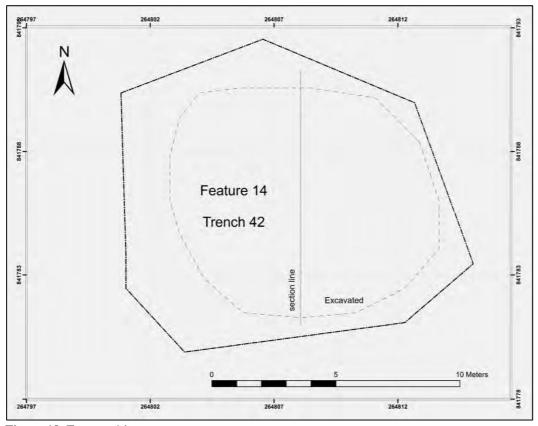


Figure 18 Feature 14

## **Discussion**

As has been mentioned above, there were considerable areas where trial trenching could not be carried out. In the north and west, areas had to be excluded owing to constraints of mature trees (many covered by Tree Protection Orders) and badger setts. On the south-east side, trenching was started but quickly revealed what appeared to be unrecorded services such as water pipes and cables. As a result many trenches had to be realigned to provide an adequate sample as required and a good spatial distribution. The result is shown in Figure 3 above.

All trenches were carefully examined and hand-cleaned where necessary to clarify possible archaeological features, but apart from the base of a possible demolished post-medieval wall (Feature 10), the only features noted were stone heaps resulting from field clearance. These are very common features in the highlands. One of these (Feature 14) was opened as a sample and a section taken and photographed. There were no significant finds.

The field clearance heaps were all very amorphous and typical of post-medieval examples elsewhere, but could represent clearance over a long period. However this area all appears as uncultivated land on Roy's map (1747-1755) and no other evidence was found of former cultivation such as field boundaries, ridge and furrow, or field drains. Apart from the linear nature of Feature 9 there seems to be no obvious distribution to the heaps that might indicate former field edges. They may represent clearance associated with the creation of the parkland in the 1830s, perhaps added to subsequently – including during the creation of the golf course in the mid 20<sup>th</sup> c.

The almost complete lack of archaeological features or artefacts is striking in this location, especially given the large area covered. However, this conclusion is very similar to that found by work carried out by Highland Archaeology Services nearby during construction of the new Knocknagael substation and associated works, and other recent fieldwork in the area referred to above.

## **Conclusions and Recommendations**

Despite the negative results of the evaluation there is always the possibility of the unexpected discovery during site clearance work. This is especially the case in areas where it proved impossible to site trenches. While a watching brief on site clearance might be difficult to justify in these circumstances, we would recommend as a precaution that arrangements are made for an archaeologist to be on stand-by at this stage so as to deal efficiently with any discoveries when they arise and rapidly record any features so that possible delays are minimised.

In addition we would recommend that a section should be obtained through Feature 9 which was noted during the evaluation but which could not be investigated as part of this exercise; and that the line of wall F10 should be clarified before site stripping takes place.

#### References

Highland Historic Environment Record accessed at <a href="http://her.highland.gov.uk/">http://her.highland.gov.uk/</a>

National Library of Scotland accessed at <a href="http://www.nls.uk/maps/">http://www.nls.uk/maps/</a>

The Scottish Government 2010. Scottish Planning Policy. Accessed at <a href="http://www.scotland.gov.uk/Resource/Doc/300760/0093908.pdf">http://www.scotland.gov.uk/Resource/Doc/300760/0093908.pdf</a>

Wood J 2010 (b) Ness Castle, Torbreck, Inverness: Proposed Trial Trenching Evaluation. Written Scheme of Investigation Highland Archaeology Services, Cromarty (Report No. HAS100903)

# **APPENDIX 1: Trenches**

Trench locations are shown in the plans below (Figures 19-22)

Trench No	Description	Maximum depth (m)	Minimum depth (m)	Length (m)	Breadth (m)	Area (Sq m)
T1	Linear trench	0.38	0.19	45	1.8	81
T2	Not excavated					
Т3	Not excavated					
T4	Not excavated					
T5	Not excavated					
Т6	Not excavated					
Т7	Not excavated					
Т8	Not excavated					
Т9	Linear trench	0.3	0.45	50	1.8	90
T10	Linear trench	0.44	0.3	45	1.8	81
T11	Area trench	0.51	0.32	10	10.0	100
T12	Linear trench	0.53	0.22	50	1.8	90
T13	Linear trench	0.46	0.16	57	1.8	102.6
T14	Area trench	0.37	0.15	10	10.0	100
T15	Linear trench	0.44	0.19	50	1.8	90
T16	Area trench	0.53	0.24	10	10.0	100
T17	Linear trench	0.47	0.33	49	1.8	88.2
T18	Area trench	0.44	0.12	10	10.0	100
T19	Linear trench	0.47	0.3	60	1.8	108
T20	Linear trench	0.34	0.13	44	1.8	79.2
T21	Linear trench	0.28	0.18	53	1.8	95.4
T22	Area trench	0.22	0.16	10	10	100
T23	Linear trench	0.32	0.14	50	1.8	90
T24	Linear trench	0.34	0.28	50	1.8	90
T25	Linear trench	0.42	0.24	50	1.8	90
T26	Linear trench	0.4	0.18	55	1.8	99
T27	Linear trench	0.45	0.3	50	1.8	90
T28	Linear trench	0.32	0.29	35	1.8	63
T29	Linear trench	0.21	0.18	50	1.8	90
T30	Linear trench	0.33	0.25	46	1.8	82.8
T31	Linear trench	0.38	0.23	55	1.8	99
T32	Linear trench	0.43	0.22	45.0	1.8	81
T33	Not excavated					

Trench No	Description	Maximum depth (m)	Minimum depth (m)	Length (m)	Breadth (m)	Area (Sq m)
T34	Area trench	0.47	0.32	10	10	100
T35	Area trench	0.44	0.22	10	10	100
T36	Linear trench	0.47	0.16	30	1.8	54
T37	Linear trench	0.34	0.3	48	1.8	86.4
T38	Linear trench	0.46	0.31	50	1.8	90
T39	Linear trench	0.45	0.23	30	1.8	54
T40	Linear trench	0.39	0.38	48.0	1.8	86.4
T41	Linear trench	0.41	0.26	50	1.8	90
T42	Area trench	0.54	0.43	15.0	10	150
T43	Not excavated					
T44	Linear trench	0.5	0.39	38	1.8	68.4
T45	Linear trench	0.46	0.32	44	1.8	79.2
T46	Linear trench	0.44	0.2	35	1.8	63
T47	Linear trench	0.47	0.17	50	1.8	90
T48	Linear trench	0.38	0.23	52	1.8	93.6
T49	Linear trench					
T50	Linear trench	0.42	0.22	50	1.8	90
T51	Linear trench	0.4	0.25	50	1.8	90
T52	Linear trench	0.31	0.19	50	1.8	90
T53	Linear trench	0.43	0.15	50	1.8	90
T54	Not excavated					
T55	Not excavated					
T56	Not excavated					
T57	Area trench	0.45	0.39	10	10.0	100
T58	Linear trench	0.39	0.32	48	1.8	86.4
T59	Linear trench	0.52	0.29	50	1.8	90
T60	Linear trench	0.83	0.04	50	1.8	90
T61	Linear trench	0.55	0.38	50	1.8	90
T62	Linear trench	0.7	0.18	54	1.8	97.2
T63	Linear trench	0.48	0.24	53	1.8	95.4
T64	Linear trench	0.66	0.45	50	1.8	90
T65	Not excavated					
T66	Not excavated					
T67	Not excavated					
T68	Linear trench	0.47	0.29	30	1.8	54
T69	Linear trench	0.31	0.38	50	1.8	90
T70	Linear trench	0.43	0.18	52	1.8	93.6
T71	Linear trench	0.39	0.24	55	1.8	99
T72	Linear trench	0.43	0.21	50	1.8	90

Trench No	Description	Maximum depth (m)	Minimum depth (m)	Length (m)	Breadth (m)	Area (Sq m)
T73	Linear trench	0.3	0.45	52	1.8	93.6
T74	Linear trench	0.61	0.3	62	1.8	111.6
T75	Linear trench	0.56	0.22	62	1.8	111.6
T75A	Linear trench	0.3	0.45	11.5	1.8	20.7
T75B	Area trench	0.64	0.23	30	20.0	600
T76	Linear trench	0.47	0.29	50	1.8	90
T77	Not Excavated					
T78	Linear trench	0.44	0.18	50.0	1.8	90
T79	Linear trench	0.08	0.04	20	1.8	36
T80	Area trench	0.19	0.11	10	10.0	100
T81	Area trench	0.09	0.03	17	15.0	255
T82	Linear trench	0.22	0.2	41	1.8	73.8
T83	Linear trench	0.32	0.24	62	1.8	111.6
T84	Linear trench	0.34	0.24	40	1.8	72
T85	Linear trench	0.42	0.33	63	1.8	113.4
T86	Linear trench	0.37	0.12	60	1.8	108
T87	Area trench	0.44	0.3	12.0	19.0	228
T88	Linear trench	0.32	0.13	50	1.8	90
T89	Linear trench	0.21	0.18	40	1.8	72
T90	Linear trench	0.33	0.16	50	1.8	90
T91	Not Excavated					
T92	Linear trench	0.37	0.28	24	1.8	43.2
T93	Linear trench	0.44	0.24	19	1.8	34.2
T94	Linear trench	0.33	0.18	50	1.8	90
T95	Linear trench	0.47	0.22	50	1.8	90
T96	Linear trench	0.44	0.3	50	1.8	90
T97	Linear trench	0.47	0.27	48	1.8	86.4
T98	Area trench	0.34	0.28	10.0	10.0	100
T99	Linear trench	0.3	0.45	49	1.8	88.2
T100	Linear trench	0.28	0.1	47.0	1.8	84.6
T101	Not excavated					
T102	Not Excavated					
T103	Linear trench	0.38	0.19	95	1.8	171
T104	Linear trench	0.38	0.29	60	1.8	108
T105	Linear trench	0.52	0.43	40	1.8	72
T106	Linear trench	0.44	0.4	38	1.8	68.4
T107	Linear trench	0.43	0.37	40	1.8	72
T108	Area trench	0.39	0.31	20	10.0	200
T109	Area trench	0.5	0.35	6	6.0	36
T110	Linear trench	0.39	0.28	39	1.8	70.2

Trench No	Description	Maximum depth (m)	Minimum depth (m)	Length (m)	Breadth (m)	Area (Sq m)
T111	Area trench	0.3	0.45	10	10.0	100
T112	Not excavated					
T113	Not excavated					
T114	Not excavated					
T115	Not excavated					
T116	Not excavated					
T117	Not excavated					
T118	Area trench	0.32	0.69	10	10	100
T119	Not excavated					
T120	Linear trench	0.3	0.45	36.7	1.8	66.06

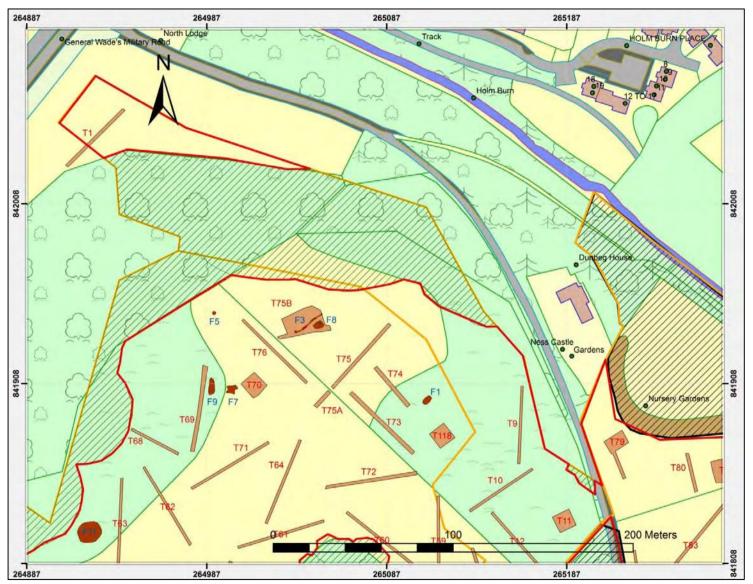


Figure 19 Trenches (NW)



Figure 20 Trenches (NE)

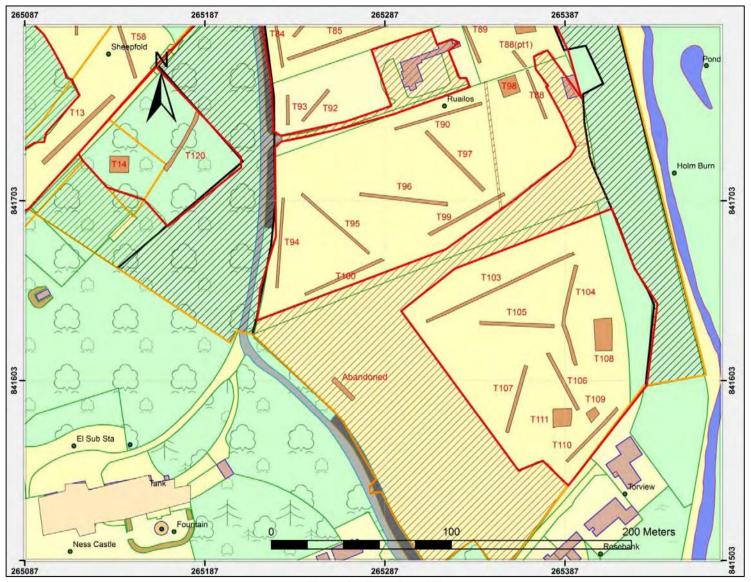


Figure 21 Trenches (SE)

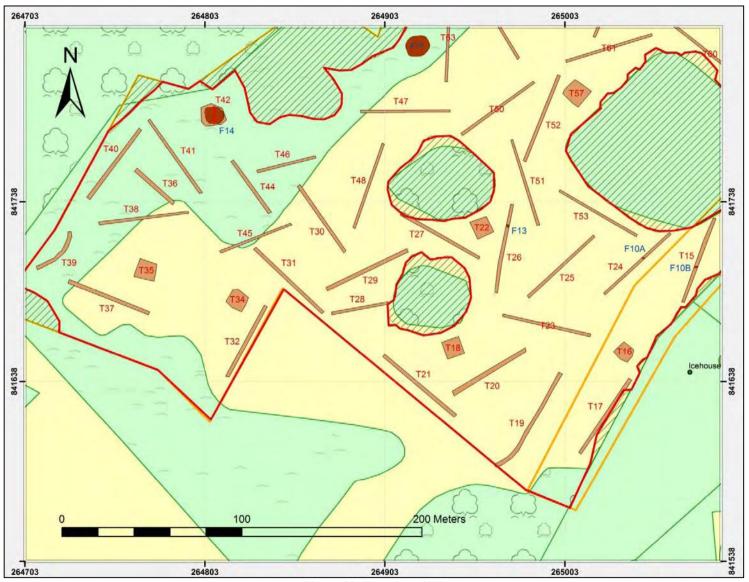


Figure 22 Trenches (SW)

# **APPENDIX 2: Features**

Feature No	Feature Type	Location	Trench	Dimensions (m) (b/ w / d)	CONTEXTS	Plan	Section	Photos
1	Field clearance heap	NH 6510 4189	Not excavated	5.54 x 3.65. Depth not established		P6	-	23,25
2	Pit	NH 6508 4199	T75	c. 1.22 x 1.4 x. 0.5 deep	3,4,5	P5	S1	261, 269-70
3	Curvilinear ditch	NH 6504 4194	Т75В	c. 0.75 wide x 0.4 deep. Length not established.	6,7,8	P1	S2,3	260, 262, 343, 344, 355-6
4	Deleted					-	-	
5	Field clearance heap	NH 6499 4194	Not excavated	c. 2 (dia)		-	-	294, 295
6	Field clearance heap	NH 6499 4192	Not excavated	5.3 x 2.6		-	-	301, 302
7	Field clearance heap	NH 6500 4904	Not excavated	6.7 x 5.8 x 0.3		-	-	307, 308
8	Stony area - not archaeological	NH 6504 4193	T75B	3.8 x 5		P1	-	357
9	Field clearance heap E of T69	NH 2649 8419	Not excavated	9.5 x 3.4 and 0.2		-	-	49
10A	Linear Feature	NH 6504 4170	T24	c.1 wide x 0.3 deep	9,10	P2	S4	60, 38/76, 45/82, 42, 45
10B	Linear Feature	NH 6507 4170	T15	c.1 wide x 0.3 deep	9B, 10B	P3	S5	

Feature No	Feature Type	Location	Trench	Dimensions (m) (b/ w / d)	CONTEXTS	Plan	Section	Photos
11	Poss. Clearance cairn W of T63	NH 6492 4182	Not excavated	13.4 x 11.7 x 0.4		-	-	48
12	Deleted							
13	Field drain in T26	NH 6497 4172	T26	1 wide x 0.2 deep	c.11, c.12	P4		116, 117
14	Field clearance heap	NH 2648 8417	T42	10.4 x 10 x 2				169, 170

# **APPENDIX 3: Contexts**

Context Number	Туре	Feature No.	Trench	Plan	Section	Strat:	Strat: equal to	Strat: below	width (m)	length (m)	depth (m)	Interpretation
c.001	Deposit	N/A	(all)	N/A	N/A	(all)			N/A	N/A	N/A	Topsoil
c.002	Deposit		(all)	N/A	N/A			(all)	N/A	N/A	N/A	Subsoil (natural)
c.003	Cut	F2	T75	P5	S1	c.002		c.005				
c.004	Deposit	F2	T75	P5	S1	c.005		c.001				Upper fill of feature 2
c.005	Deposit	F2	T75	P5	S1	c.003		c.004				Redeposited natural - natural slumping within exposed pit - primary deposit of c.003
c.006	Cut	F3	T75B	P1	S2-3	c.002		c.007	0.5 (min) 0.8 (max)	not fully exposed	0.42 (min) 0.62(max)	long ditch feature / boundary feature
c.007	Deposit	F3	Т75В	P1	S2-3	c.006		c.008	0.12(min) 0.34 (max)	N/A	0.08 (min) 0.22 (max)	Redeposited natural - natural slumping within exposed cut - primary deposit of c.006.

Context Number	Туре	Feature No.	Trench	Plan	Section	Strat:	Strat: equal to	Strat: below	width (m)	length (m)	depth (m)	Interpretation
c.008	Deposit	F3	T75B	P1	S2-3	c.007		c.001	0.10(min) 0.54(max)	N/A	0.08(min) 0.42 (min)	Secondary (top) deposit of c.006
c.009A	Cut	F10A	T24	P2	S4	c.002		c.010A	0.96(min) 1.25(max)	N/A	0.02(min) 0.28(max)	Foundation cut for wall footings (Feature 10). This feature was clearly identical with the similar feature recorded in Trench 15 (F10B)
c.009B	Cut	F10B	T15	P3	S5	c.002		c.010B	0.96(min) 1.25(max)	N/A	0.02(min) 0.28(max)	Foundation cut for wall footings (Feature 10B). This feature was clearly identical with the similar feature recorded in Trench 24 (F10A)
c.010A	Deposit	F10A	T24	P2	S4	c.009A		1	0.96(min) 1.25(max)	N/A	0.02(min) 0.28(max)	Fill of c.009 This feature was clearly identical with the similar feature recorded in Trench 15 (F10B)
c.010B	Deposit	F10B	T15	Р3	S5	c.009B		1	0.96(min) 1.25(max)	N/A	0.02(min) 0.28(max)	Fill of c.009B. This feature was clearly identical with the similar feature recorded in Trench 24 (F10A)
c.011	Cut	F13	T26	P4	S6	c.002		c.012	1.60(max)	N/A	0.20(min) 0.30(max)	cut of field drain within T26
c.012	Deposit	F13	T26	P4	S6	c.011		c.001	1.60(max)	N/A	0.20(min) 0.30(max)	stone filled deposit within c.012

# **APPENDIX 4: Field Drawings**

Plan / Section Number	Scale	Comments
P1	1:50:00	Features 3 and 8 in Trench 75B
P2	1:20:00	Feature 10A within trench 24
P3	1:20:00	Feature 10B within trench 15
P4	1:20:00	Feature 13
P5	1:20:00	Feature 2 in Trench 75
P6	NTS	Sketch plan of Feature 1 (Not excavated)
P7	NTS	Sketch plan of Feature 5 (Not excavated)
P8	NTS	Sketch plan of Feature 6 (Not excavated)
P9	NTS	Sketch plan of Features 7 and 9 (Not excavated)
S1	1:20:00	West facing section of Feature 2 within trench 75
S2	1:50:00	Feature 3 within trench 76.
S3	1:50:00	Feature 3 within trench 76.
S4	1:20:00	Feature 10A within trench 24
S5	1:20:00	Feature 10B within trench 24

## **APPENDIX 5: Photographs**

All photographs were taken by Emma Malone and Gina Gordon. Images are contained in the enclosed CD. Photograph locations (camera points) are shown on the plans below (Figures 23-27).

Photo No	Camera point (CP)	View	Trench	Comments
1	1	NW		Landscape overview
2	1	SW		Landscape overview
3	1	W		Landscape overview
4	2	NW		Landscape overview
5	2	SW		Landscape overview
6	2	SE		Landscape overview
7	3	NW		Landscape overview
8	3	SW		Landscape overview
9	3	SE		Landscape overview
10	3	NE		Landscape overview
11	4	N		Landscape overview
12	4	Е		Landscape overview
13	4	S		Landscape overview
14	4	W		Landscape overview
15	5	N		Landscape overview
16	5	SW		Landscape overview
17	5	SE		Landscape overview
18	5	W		Landscape overview
19	6	N		Landscape overview
20	6	Е		Landscape overview
21	6	S		Landscape overview
22	6	W		Landscape overview
23	7	N		Feature 1
24				deleted
25	8	W		Feature 1 (oblique)
26				deleted
27	9	SE	11	T11 excavated
28	11	NW	12	Opened trench
29	10	SE	12	Opened trench

Photo No	Camera point (CP)	View	Trench	Comments
30	57	NNW	58	Opened trench
31	58	SSE	58	Opened trench
32	66	SW	13	Opened trench
33	67	NE	13	Opened trench
34	68	SW	15	Opened trench
35	69	NE	15	Opened trench
36				deleted
37				deleted
38				deleted
39				deleted
40	92	SE	62	Opened trench
41	74		24	Feature 10 pre-ex (cut c.009a)
42	76	SW	24	Mid-ex of Feature 10
43	72	N	51	Opened trench
44	73	S	51	Opened trench
45	89A		15	Feature 10 pre-ex (cut c.009b)
46	74 / 77	SE	24	NW facing section: F10
47	111	NW	26	Stony feature diagonally across trench (F13)
48	79	S		Feature 11
49	50	NE	69	Feature 9
50	81	W	no trench	Feature 12
51				deleted
52	95	WNW	27	Opened trench
53	96	SE	27	Opened trench
54				deleted
55	111	NW	26	F13 (cut c.011)
56				deleted
57	90	N	63	Opened trench
58	91	S	63	Opened trench

Photo No	Camera point (CP)	View	Trench	Comments
59	94	NW	22	Opened trench
59	112	NW	18	Opened trench
60	89	N	15	Pre-ex of Feature 10
61	338	E	15	F10 sectioned.
62	338	Е	15	F10 sectioned.
63				deleted
64				deleted
65				deleted
66				deleted
67				deleted
68				deleted
69				deleted
70				deleted
71				deleted
72				deleted
73				deleted
74				deleted
75	83	N	52	Opened Trench
76	74	Е	24	Opened Trench
77	84	SW	50	Opened Trench
78	85	NE	50	Opened Trench
79				deleted
80	86	W	47	Opened trench
81	87	Е	47	Opened trench

Photo No	Camera point (CP)	View	Trench	Comments
82				deleted
83				deleted
84				deleted
84				deleted
85				deleted
86				deleted
87				deleted
88				deleted
89				deleted
90				deleted
91				deleted
92				deleted
93				deleted
94				deleted
95				deleted
96	71	SE	53	Opened trench
97	102	NW		Panoramic overview
98	102	NE		Panoramic overview
99				deleted
100	102	Е		Panoramic overview
101	102	SW		Panoramic overview
102	103			Panoramic overview
103	103			Panoramic overview
104	103			Panoramic overview
105	103			Panoramic overview
106				deleted
107	63	NE	57	Opened trench
108	116	Е	28	Opened trench
109	99	SW	23	Opened trench
110	98	N	26	Opened trench
111	106	SE	23	Opened trench
112	101	SW	19	Opened trench
113	121	NW	30	Opened trench

Photo No	Camera point (CP)	View	Trench	Comments
114	122	SE	30	Opened trench
115	110	N	17	Opened trench
116	111	N	26	Mid-ex Feature 13
117	111	N	26	Mid-ex Feature 13
118	113	NW	21	Opened trench
119	114	SE	21	Opened trench
120	118	NE	29	Opened trench
121	119	N	48	Opened trench
122	120	S	48	Opened trench
123				deleted
124	105	S	16	Opened trench
125				deleted
126				deleted
127	123	NW	31	Opened trench
128	124	SE	31	Opened trench
129	125	N		Panoramic overview
130	126	NW		Panoramic overview
131				deleted
132				deleted
133				deleted
134	127	W		Panoramic overview
135	127	SE		Panoramic overview
136	127	S		Panoramic overview
137	128	SW		Panoramic overview
138	128	NE		Panoramic overview
139	129	SE		Panoramic overview
140	129	S		Panoramic overview
141				deleted
142	138	SE		Panoramic overview
143	138	SE		Panoramic overview

Photo No	Camera point (CP)	View	Trench	Comments
144				deleted
145				deleted
146	131	NE?		Panoramic overview
147				deleted
148				deleted
149	130	N		Panoramic overview
150	130	Е		Panoramic overview
151	130	S		Panoramic overview
152	132	ENE	45	Opened trench
153	133	WSW	45	Opened trench
154	134	NW	44	Opened trench
155	141	SE	41	Opened trench
156	142	NW	41	Opened trench
157				deleted
158	139	W	38	Opened trench
159	140	Е	38	Opened trench
160	162	NW	36	Opened trench
161	161	SE	36	Opened trench
162	150	NW	39	Opened trench
163	154	SSW	32	Opened trench
164	155	NE	32	Opened trench
165	158	W	35	Opened trench
166	153	ESE	34	Opened trench
167	151	ESE	37	Duplicate no 167 - different location
168	152	WNW	37	Duplicate no 168 - different location
169	159	E	42	Showing Feature 14 exposed
170	159	Е	42	Showing Feature 14 exposed

Photo No	Camera point (CP)	View	Trench	Comments
171	160	W	42	Showing east-facing section of Feature 14
172	137	Е	46	Opened trench
173	136	W	46	Opened trench
174	136	W	46	Opened trench
175				deleted
176				deleted
177				deleted
178				deleted
179	143	N	89	Opened trench
180				deleted
181	171	NE	83	Opened trench
182	168	W		Panoramic overview
183	168	SW		Panoramic overview
184	168	WNW		Panoramic overview
185	168	WSW		Panoramic overview
186	169	NW		Panoramic overview
187	169	SE?		Panoramic overview
188	170			Ruined building
189	170	NE		Ruined building
190	170			Panoramic overview
191	170			Panoramic overview
192	172	ENE	85	Opened trench
193	173	WSW	85	Opened trench
194	174	S	84	Opened trench
195	175	N	84	Opened trench
196	176	ESE	86	Opened trench
198	178	SW	1	Opened trench
199	179	NE	1	Opened trench
200	180	Е	81	Opened trench
201	181	N	80	Opened trench
202	182	S	80	Opened trench
203	183	N	79	Opened trench
204	184	SW	79	Opened trench
205	218	N	79	deleted
206	185	W	79	Opened trench

Photo No	Camera point (CP)	View	Trench	Comments
206				deleted
207				deleted
208				deleted
209	223	N	T88 (pt 1)	Concrete cover for a service line
210	209	N	94	Opened trench
211	208	S	94	Opened trench
212	206	NW	95	Opened trench
213		NE		Abandoned trench in the now excluded services area.  Stopped when grade one sand found and backfilled
214	214	N	93	opened trench
215				deleted
216				deleted
217	210	SW	99	Opened trench
218	211	NE	99	Opened trench
219				deleted
220	202	Е	96	Opened trench
221	222	Е	90	Opened trench
222	203	W	96	Opened trench
223	204	SE	97	Opened trench
224	205	NW	97	Opened trench
225	213	S	93	Opened trench
226	216	SW	92	Opened trench
227	186	Е	103	Opened trench
228	187	W	103	Opened trench
229	188	S	104	Opened trench
230	189	N	104	Opened trench
231	190	W	105	Opened trench
232	191	Е	105	Opened trench
233	192	SSW	107	Opened trench
234	193	NNE	107	Opened trench
235	194	SE	106	Opened trench
236	195	NW	106	Opened trench
237	196	W	109	Opened trench
238	197	NW	109	Opened trench
239	198	SW	110	Opened trench
240	199	NE	110	Opened trench
241	200	N	108	Opened trench
242				deleted

Photo No	Camera point (CP)	View	Trench	Comments
243	223	SSE	88	Opened trench
244				deleted
245	224	N	98	Opened trench
246				deleted
247	219	W	14	Opened trench
248	219	W	14	Opened trench
249	226			
250	226			Ruined building
251	226			
252	226			
253	226			
254				deleted
255				deleted
256	16	N	9	Opened trench
257				deleted
258				deleted
259				deleted
260	20	NE	75b	pre-ex of Feature 3
261	22	S	75	NW facing section of Feature 2
262	20	NE	75b	pre-ex of Feature 3
263				deleted
264	12	NE	10	Opened trench
265	14	SE	73	Opened trench
266	15	NW	73	Opened trench
267	18	SE	74	Opened trench
268				deleted
269	21	S	75	Feature 2
270	21	S	75	Feature 2
271				deleted
272				deleted
273	23	N		Panoramic overview
274	23	Е		Panoramic overview
275	24	N		Panoramic overview
276	24	Е		Panoramic overview
277	24	S		Panoramic overview

Photo No	Camera point (CP)	View	Trench	Comments
278	24	W		Panoramic overview
279	25	N		Panoramic overview
280	25	Е		Panoramic overview
281	25	S		Panoramic overview
282	25	W		Panoramic overview
283	26	N		Panoramic overview
284	26	Е		Panoramic overview
285	26	S		Panoramic overview
286	26	W		Panoramic overview
287	27	N		Panoramic overview
288	27	Е		Panoramic overview
289	27	S		Panoramic overview
290	27	W		Panoramic overview
291	28	N		Panoramic overview
292	28	Е		Panoramic overview
293	28	S		Panoramic overview
294	29	W		Feature 5
295	30	Е		Feature 5
296	31	N		Panoramic overview
297	31	Е		Panoramic overview
298	31	S		Panoramic overview
299	31	W		Panoramic overview
300	31	?		Panoramic overview
301	32	SE		Feature 6
302	33	W		Feature 6
303	34	N		Panoramic overview
304	34	Е		Panoramic overview
305	34	S		Panoramic overview
306	34	W		Panoramic overview
307	35	W		Feature 7
308	35			Feature 7
309				deleted
310	36	N		Panoramic overview
311	36	Е		Panoramic overview
312	36	S		Panoramic overview
313	36	W		Panoramic overview
314	37	N		Panoramic overview
315	37	Е		Panoramic overview

Photo No.	Camera point (CP)	View	Trench	Comments
316	37	S		Panoramic overview
317	37	W		Panoramic overview
318	38	N		Panoramic overview
319	38	Е		Panoramic overview
	38	S		Panoramic overview
	38	W		Panoramic overview
	39	N		Panoramic overview
	39	E		Panoramic overview
	39	S		Panoramic overview
	39	W		Panoramic overview
326	40	Е		Panoramic overview
327	41	S		Panoramic overview
328	42	W		Panoramic overview
329	43	NE		Panoramic overview
330	232	Е		Panoramic overview
331	234	S		Panoramic overview
332	232	SW		Panoramic overview
333	232	NE		Panoramic overview
	233	NE		Panoramic overview
	230	SE		Panoramic overview
	230	W		Panoramic overview
	231	NW		Panoramic overview
	235	NE	75b	area pre-ex
	237	N	75b	same location as 329 - later photograph
	236	SE	75b	pre-ex of feature 8
	236	SE	75b	pre-ex of feature 8
	236	SE	75b	pre-ex of feature 8
	54 54	W	75b	East facing section of Feature 3 (section 2)
		W	75b	East facing section of Feature 3 (section 2)
	47	NE	76	Opened trench Opened trench
	48	SW	76 70	· ·
	115 49	SW S	69	Opened trench Opened trench
	51	N N	69	Opened trench
	52	NE	71	Opened trench
	53	SW	71	Opened trench
	44	N	75	Opened trench
	45	W	118	Opened trench
	45	W	118	Opened trench
	55	W	75b	East facing section of Feature 3
	55	W	75b	East facing section of Feature 3
	56	NW	75b	Mid-ex of Feature 8

Photo No	Camera point (CP)	View	Trench	Comments
358	145	SE	60	Opened trench
359	146	NW	60	Opened trench
360	59	SW	64	Opened trench
361	60	NE	64	Opened trench
362	61	Е	61	Opened trench
363	88	NW	68	Opened trench
364	62	W	61	Opened trench
365				deleted
366				deleted
367	46	Е	72	Opened trench
368				deleted
369	158	W	35	Opened trench

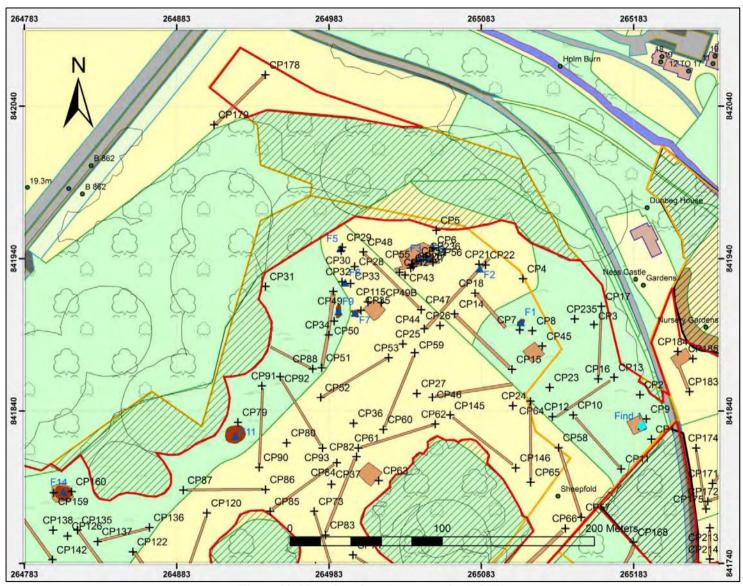


Figure 23 Photo locations (camera points) (NW)

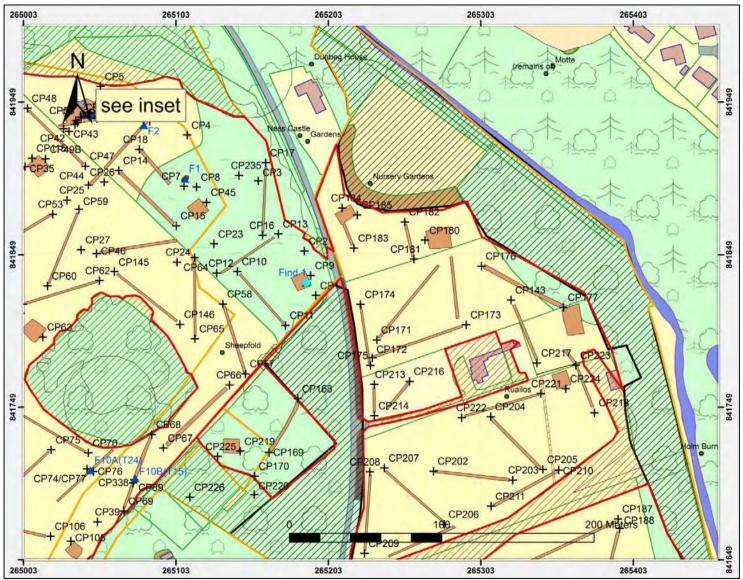


Figure 24 Photo locations (camera points) (NE)

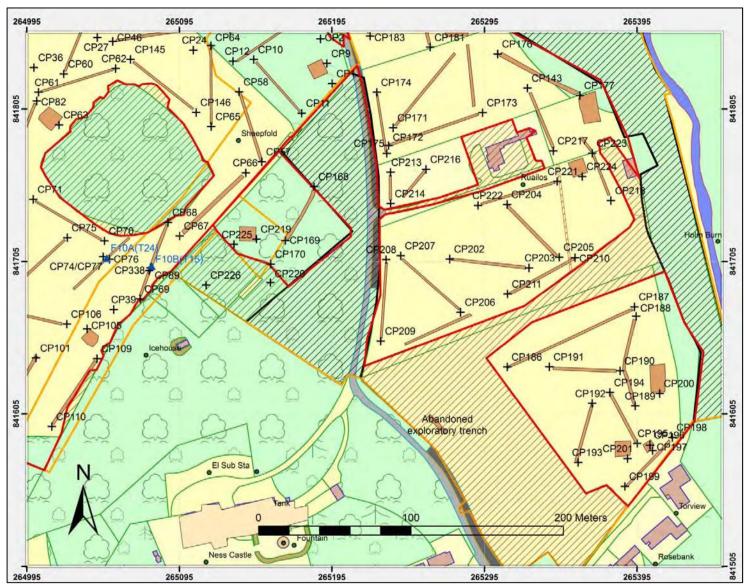


Figure 25 Photo locations (camera points) (SE)

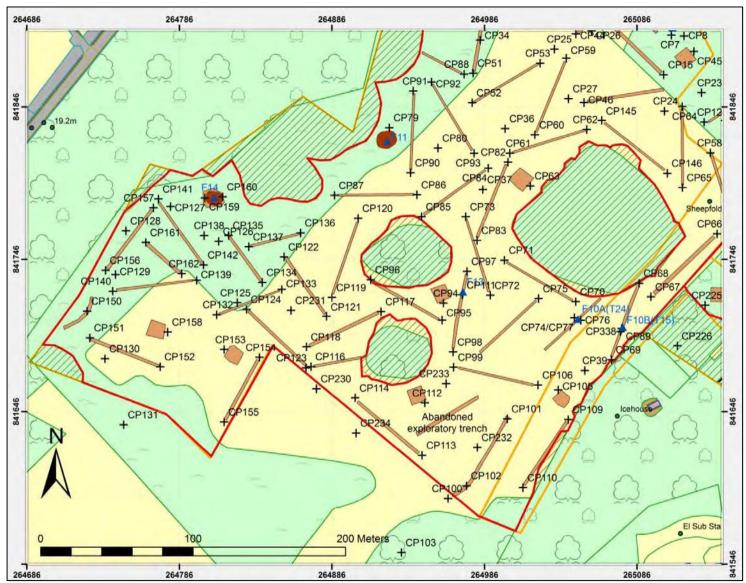


Figure 26 Photo locations (camera points) (SW)

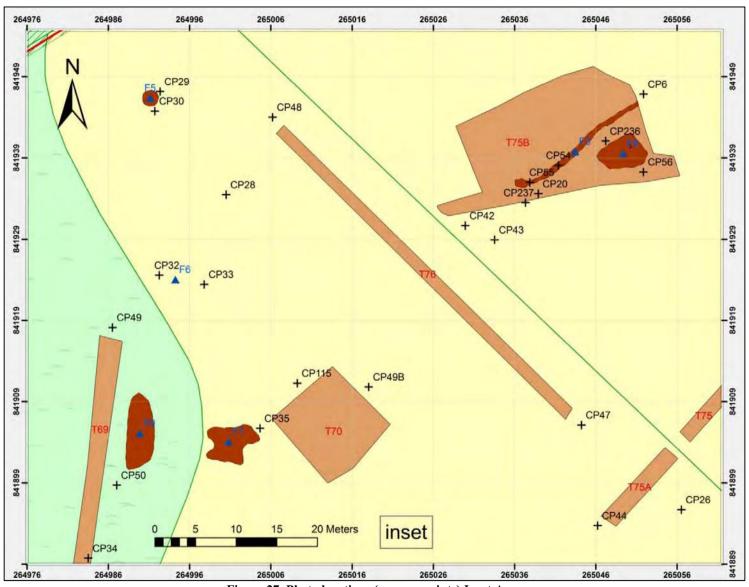


Figure 27 Photo locations (camera points) Inset Area