



Highland Archaeology Services Ltd

Bringing the Past and Future Together

Knocknagael Substation, Inverness: Cable Undergrounding Works (2nd line)



Watching Brief

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Cable Undergrounding Works (2nd line)

Watching Brief

| | |
|-----------------------|-----------------|
| Report No. | HAS111002 |
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| Client | SSE |
| Planning Ref | N/A |
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| Author | John Wood |

Summary

An archaeological watching brief was carried out during excavations for cable undergrounding works associated with the construction of a new electricity substation and associated infrastructure at Knocknagael, Inverness. No significant archaeology was found.

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Location

The new substation is SSE of Essich, centred approximately at grid ref NH 652 390 at about 174m above sea level. The cable undergrounding works subject to this watching brief ran from a point north of this site at NH 6548 3919 approximately 870m northwards to where they joined with previously observed areas adjoining the sealing end compound at about NH 6567 3998. The opened area was between 20 and 30m wide.

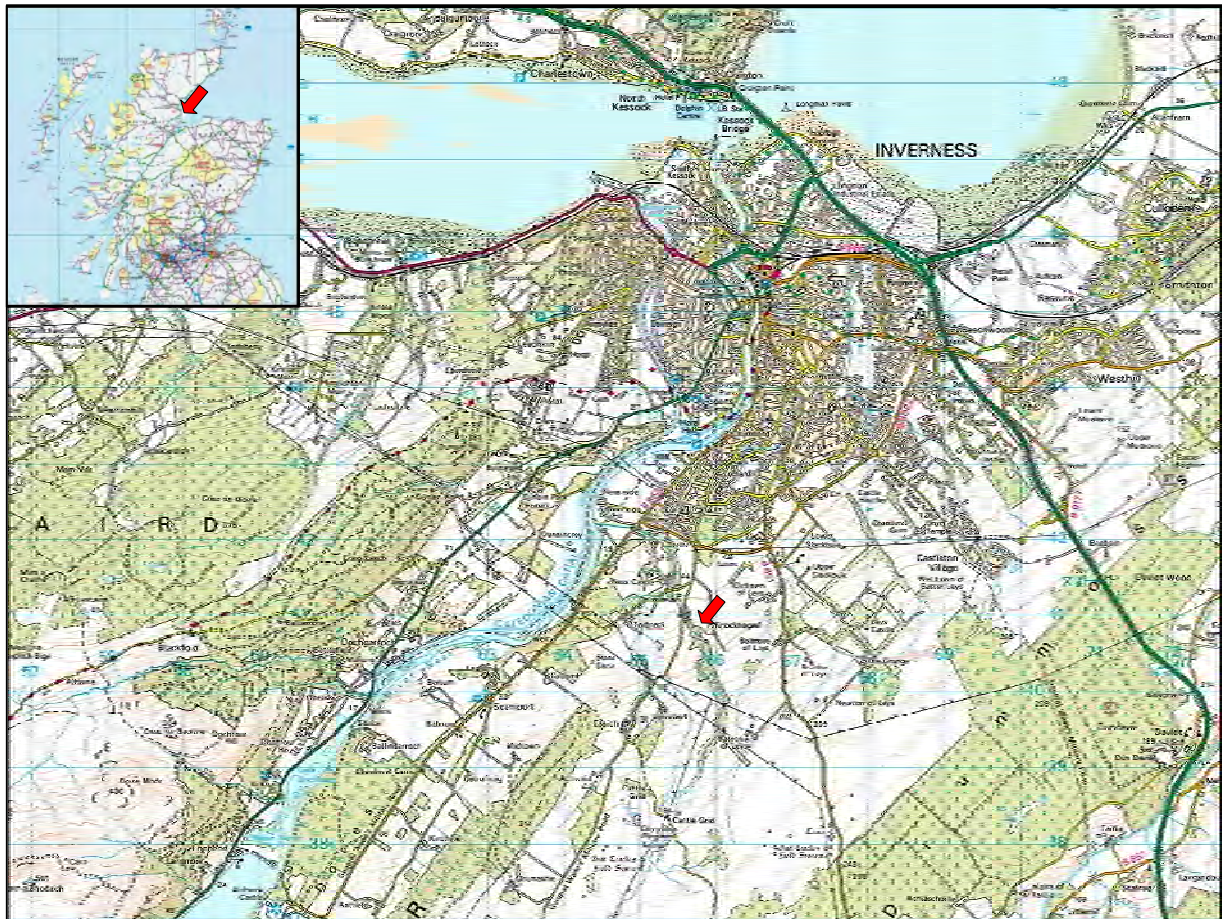


Figure 1 Site location

Introduction

A programme of archaeological work was carried out by Highland Archaeology Services Ltd near Knocknagael, Inverness, to identify and record the nature and extent of any archaeological features revealed or affected by the undergrounding of cables.

This report covers the last of several phases of archaeology watching brief undertaken during undergrounding of cables associated with the construction of the Knocknagael substation. A further report will follow in due course covering watching brief work undertaken on the re-routing of a water main: this work is still ongoing at present.

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.

Archaeology and policy background

Archaeological fieldwork was requested in this case because there was considered to be potential for finds or features of interest to be discovered during site works. The Electricity Act 1989¹, as amended by the Utilities Act 2000², requires Electricity companies to preserve ‘amenity’ including the cultural heritage, and to minimise impacts of new infrastructure works. The wider planning and policy framework includes the Highland Council’s *Structure Plan*³, and the Scottish Government’s *Scottish Planning Policy SPP 23: Planning and the Historic Environment* (2008)⁴. The fundamental principles underpinning the above policies are set out in *Passed to the Future: Historic Scotland’s Policy for the Sustainable Management of the Historic Environment* (2002)⁵ and the *Burra Charter* (Australia ICOMOS 1999).⁶

The substation site itself was the subject of a desk-based assessment and walk-over survey by Jacobs Engineering UK Ltd in July 2008⁷, and to extensive walk-over survey, trial trenching evaluation and a watching brief on site clearance by the Highland Archaeology Services Ltd in 2010. Although the 2008 desk-based assessment concluded that there was ‘abundant indication that this area was occupied and exploited from as early as the Neolithic period’ in fact the whole area was found to be remarkably empty of archaeological evidence⁸.

¹ http://www.opsi.gov.uk/ACTS/acts1989/ukpga_19890029_en_1

² http://www.opsi.gov.uk/acts/acts2000/en/ukpgaen_20000027_en_1

³ <http://www.highland.gov.uk/yourenvironment/planning/developmentplans/structureplan/thehighlandstructureplan.htm>

⁴ <http://www.scotland.gov.uk/Publications/2008/10/28135841/0>

⁵ www.historic-scotland.gov.uk/pasttofuture.pdf

⁶ <http://www.icomos.org/australia/burra.html>

⁷ HHER No. EHG3050

⁸ Fraser L, Peteranna M, Wombell J, and Wood J 2010, *Archaeological Watching Brief and Trial Trenching Evaluation Final Report: Substation site, passing places, and associated works* Highland Archaeology Services, Cromarty: HAS100501

Method

The 2008 desk assessment has been updated as necessary by checking against the Highland Council's Historic Environment Record periodically for new information. The fieldwork undertaken by Highland Archaeology Services has been carried out in accordance with the Written Scheme of Investigation (WSI) approved by the client and the Highland Council's Archaeology Unit in August 2010⁹. Previous cable undergrounding works running to the Knocknagael substation site from the Dores Road were subject to a watching brief, covered by a report by the present writer in April 2011¹⁰.

The present programme comprised a watching brief on topsoil stripping for the undergrounding of cables. The topsoil and overburden was removed down to the first soil change using a back-acting digger fitted with a straight-edged ditching bucket. Any possible features were then hand cleaned using a draw hoe and / or an archaeological trowel and investigated. The fieldwork was carried out during January and February 2011. Reporting was delayed in order to establish whether further watching brief work on cable undergrounding might be required.



Plate 1 Features F1 (left) and F2 (right)

⁹ Wood J 2010, *Knocknagael Substation, Inverness: Cable Undergrounding Works Written Scheme of Investigation* Highland Archaeology Services, Cromarty: HAS100805

¹⁰ Wood J 2011 *Knocknagael Cable Undergrounding Watching Brief report* Highland Archaeology Services, Cromarty: HAS110302

Results

31 features were noted in the areas observed. None of them appear to be of archaeological significance. The locations of all features are shown on Figures 3 – 6 below.

January 2011

F1 Pit E265660 N839984

0.2 x 0.15 x 0.1m. Hollow with no defined cut; not archaeology: apparently root action (Plate 1)

F2 Hollow E265660 N839984

0.2 x 0.2 x 0.07m. Hollow with no defined cut; not archaeology: apparently root action (Plate 1)

F3 Hollow E265685 N839959

0.3 x 0.15 x 0.03m. Hollow with no defined cut; not archaeology: apparently root action

F4 Hollow E265692 N839892

1.2 x 0.6 x 0.03m. Hollow with no defined cut; charcoal flecks: apparently root action and / or scrub burning (Plate 2)



Plate 2 Feature F4

F5 Hollow E265687 N839873

0.6 x 0.5 x 0.1m. Hollow with no defined cut; charcoal rich: apparently root action and / or scrub burning

F6 Hollow E265694 N839834

0.55 x 0.4 x 0.1m. Not archaeology

F7 Pit E265708 N839843

1 x 0.8 x 0.35m Pit; charcoal + flat stones, especially on E. A cut feature, but with no dating evidence (Plate 3).



Plate 3 Feature F7

F8 Pit E265711 N839802

1 x 0.7 x 0.3m. Pit: approx oval, steep sided with slight curve to base, containing mid-dark brown soil with many stones. Some rounded stones c. 10-15cm. diameter around edge of cut. Poor definition and no dating evidence. Possible root bowl.



Plate 4 Feature F8

F9 Linear feature E265723 N839659

Approx. 20 x 0.4 x 0.07m. No contexts defined. Shallow drainage channel or modern plough-cut.

F10 Linear feature E265665 N839557

Approx. 22 x 0.4 x 0.07 within trench. No contexts defined. Straight, shallow field drainage channel or modern plough-cut - hard to distinguish from surrounding subsoil. Oriented E-W

F11 Linear feature E265659 N839552

Approx. 21 x 0.4 x 0.1 within trench. No contexts defined. Slightly curved, shallow field drainage channel or modern plough-cut - fill same as topsoil. Oriented E-W / ENE-WSW

F12 Linear feature E265655 N839545

Approx. 20 x 0.4 x 0.15 within trench. No contexts defined. Shallow drainage channel or modern plough-cut similar to and slightly deeper than F10 or F11; runs down from gateway, so possible erosion channel. Oriented NW-SE

F13 Deleted



Plate 5 Linear features (overview)

F14 Linear feature E265696 N839787 to E265717 N839639

Length unclear. Width 0.4 x 0.05 m deep. No contexts defined. Very long feature - shallow linear depression with mid-brown deposit. Few stones. Very poor condition and hard to clarify in some places but uniform where visible - possible former field boundary, drainage channel or modern plough-cut.

F15 Pit E265722 N839741

0.45 x 0.7 x 0.08m. Pit: well defined where visible but cut by trench edge; cut into yellow hard clay subsoil; fill of peat with charcoal 01/02/2011

F16 Linear (group) E265637 N839511

No contexts defined. A complex of 5 short lengths of very shallow drainage channels or modern plough-cuts, 0.3-.04m wide; approx. 0.1m deep. Length: (a) L-shaped, oriented NW-SE; NNE-SSW, 6.2m (b) straight, oriented NNE-SSW, 5.4m (c) slightly curved, NW-SE, 4.4m (d) slightly curved, NNE-SSW, 2m (e) straight, NNW-SSE, 3.7m

F17 Linear (group) E265685 N839614

No contexts defined. 3 short lengths of straight, very shallow field drainage channels or modern plough cuts, parallel orientation NW-SE, fairly equidistant running down slope. Fill is uneven grey stones which occur naturally in subsoil. Both 0.3-.04m wide; approx. 0.1m deep. Length: (a) 8m within trench (b) 7.7m within trench (c) 4m

F18 Pit E265687 N839594

0.35 x 0.35 x 0.07m. Pit: well defined where visible but damaged by digger so full recording not possible; cut into yellow hard clay subsoil; fill of peat with charcoal. Similar to F15.



Plate 6 Feature F18

F19 Linear (group) E265691 N839615

No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NE-SW. Cutting across F17 but relationship unclear. Both c.0.3-0.4m wide. Length: (a) 9.3m (b) 9.5m

F20 Linear (group) E265645 N839517

No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NW-SE. Both c.0.3-0.4m wide. Length: (a) 7.8m (b) 7m

F21 Deleted**F22 Linear (group) E265627 N839494**

No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NW-SE. Both c.0.3-0.4m wide. Only short lengths of these were identified: (a) 8.9m; (b) 6.8m

F23 Linear (group) E265615 N839465

No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NW-SE Both c.0.3-0.4m wide. Only short lengths of these were identified: (a) 11.5m; (b) 8.25m. These may form part of the same group as F25. 13/02/2011

F24 Linear feature E265618 N839483

7.3 x 0.35 x 0.07m. No contexts defined. Short section of straight, shallow field drainage channel or modern plough-cut - hard to distinguish from surrounding subsoil. Oriented NNE-SSW

F25 Linear (group) Approx E265608 N839455 to E265538 N839242

No contexts defined. 29 parallel lengths of drainage channel or modern plough-cut, c.0.3-0.4m wide, oriented WNW - ESE, roughly at right angles to the modern field boundary. Intersected F25 but relationship could not be determined. All crossed the whole trench apart from the following lengths: (a) 9.1m (b) 11.4m (c) 8.8m (f) 15.5m (w) 9.45m (x) 14.5m (z) 12.5m (aa) 9.3m (ab) 9.3m (ac) 6.9m. See also F23.

F26 Two Pits (a) E265599 N839410 (b) E265597 N839405

0.5 x 0.5m. No contexts defined. Two pits, apparently modern fence post holes. On E edge of trench, v. sharp, square shaped darker deposit; on fence line.

F27 Linear feature E265589 N839402 (approx)

6.2 x 0.4 x 0.07m. No contexts defined. Short section of straight, shallow field drainage channel or modern plough-cut - hard to distinguish from surrounding subsoil. Oriented WNW - ESE and aligned with F25.

F28 Hearth E265606 N839431

0.9 x 0.9 x 0.1m. No defined cut. Charcoal rich deposit overlies hearth stones in hollow. No dating evidence. (Plate 7 below).

F29 Linear (group) E265608 N839462 to approx. E265572 N 839352

No contexts defined. 6 lengths of drainage channel or modern plough-cut, c.0.3-0.4m wide, oriented NNE-SSW. Intersected F25 but relationship could not be determined. Lengths: (a) 39.3m (b) 55.2m (c) 44.9m (d) 8.4m (e) 10.8m (f) 13.1m

F30 Linear E265598 N839434

2.9 x 0.4 x 0.07m A short length of drainage channel or modern plough cut oriented approx. E - W and connecting F25d to F29b. Relationships to connecting features could not be established.

F31 Linear E265576 N839373

19.3 x 0.4 x 0.07m. Length of drainage channel or modern plough cut oriented approx. NW - SE and intersecting F25. Relationships to connecting features could not be established.

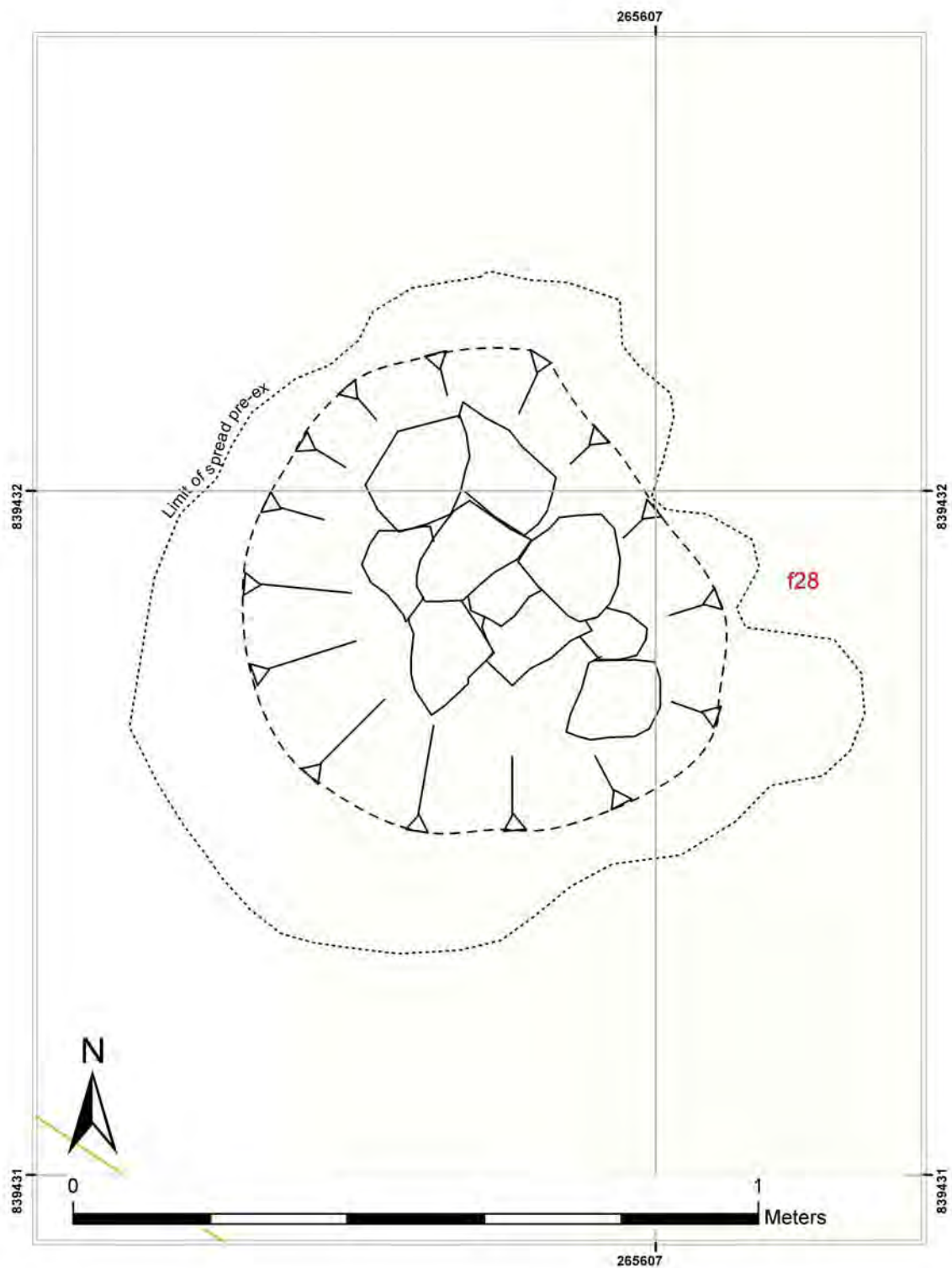


Figure 2 Feature F28



Plate 7 Feature F28

Conclusions and Recommendations

Apart from Feature F28, very little archaeology was found during this watching brief, despite the presence within the wider area of a number of significant sites. There was some scattered evidence of 19th -20th c. manuring as might be expected. No dating evidence was recovered. All features were very shallow, and most of the pits and hollows were probably produced by root action and / or post-medieval scrub clearance. The linear features appear to be the result of modern deep ploughing or pan-busting activity. There are no recommendations for follow-up work.

References

- Fraser L, Peteranna M, Wombell J, and Wood J 2010, *Archaeological Watching Brief and Trial Trenching Evaluation Final Report: Substation site, passing places, and associated works* Highland Archaeology Services, Cromarty: HAS100501
- Wood J 2010, *Knocknagael Substation, Inverness: Cable Undergrounding Works Written Scheme of Investigation* Highland Archaeology Services, Cromarty: HAS100805
- Wood J 2011 *Knocknagael Cable Undergrounding Watching Brief report* Highland Archaeology Services, Cromarty: HAS110302

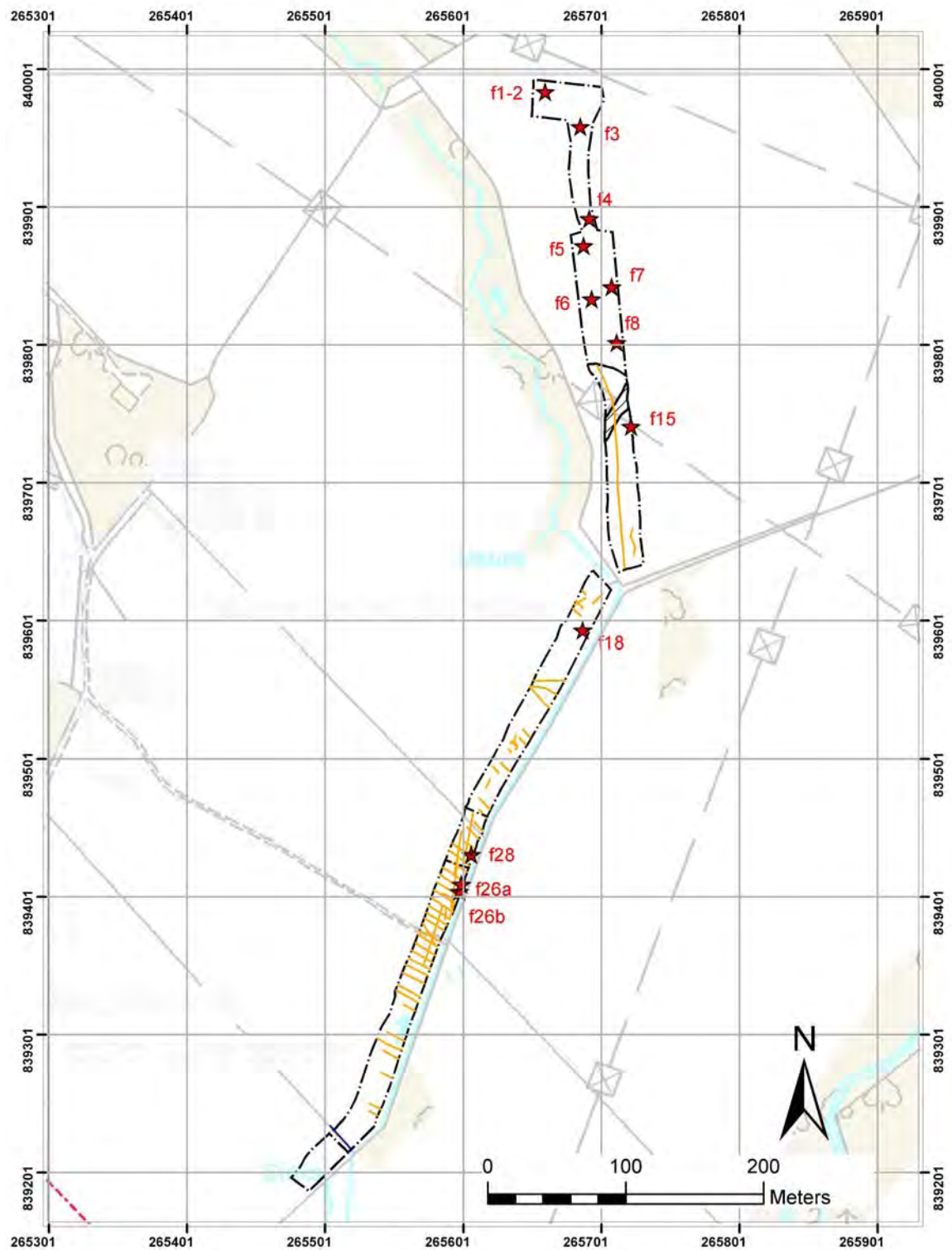


Figure 3 Non-linear features



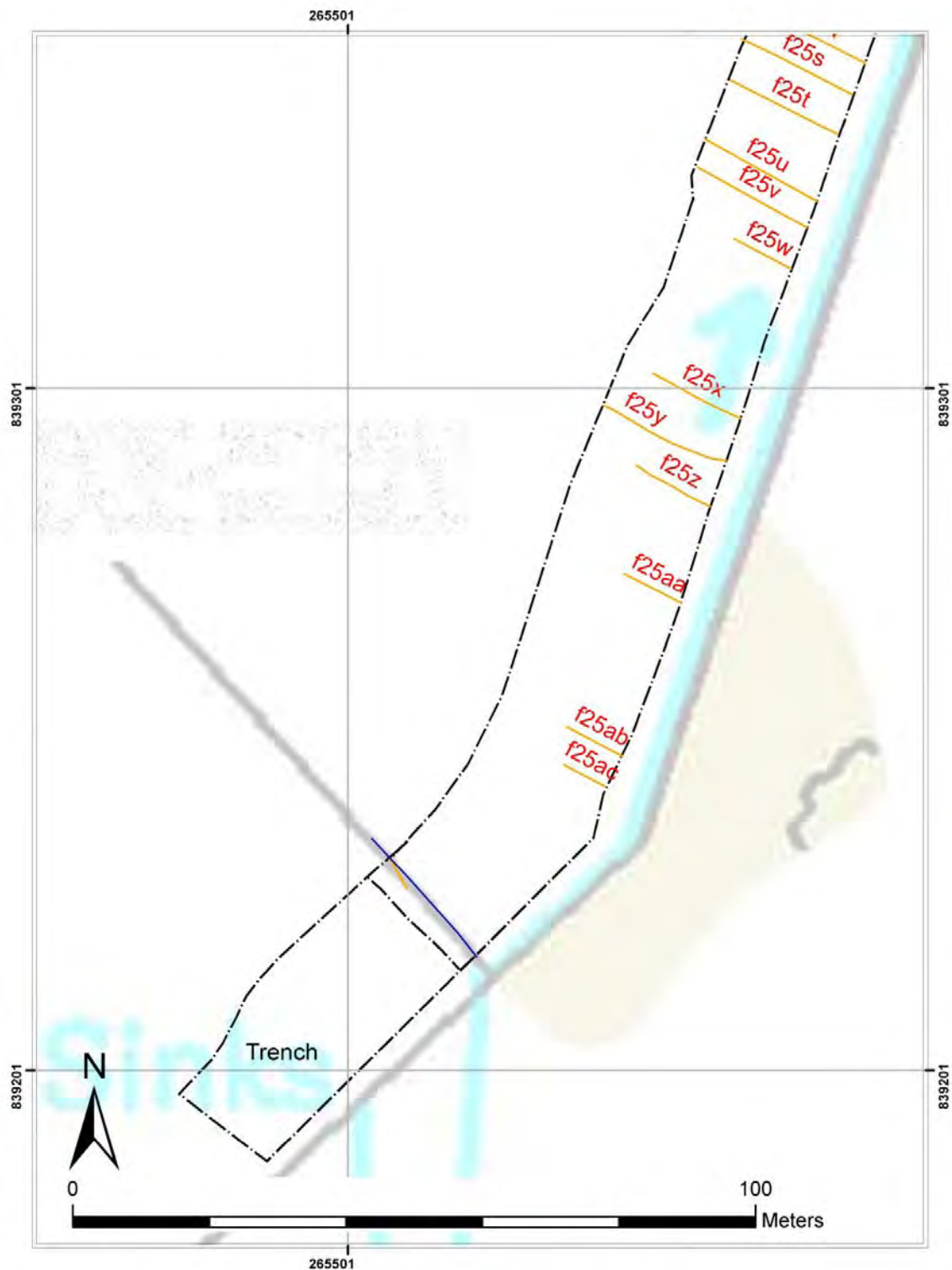


Figure 5 Trench with linear features, N - S

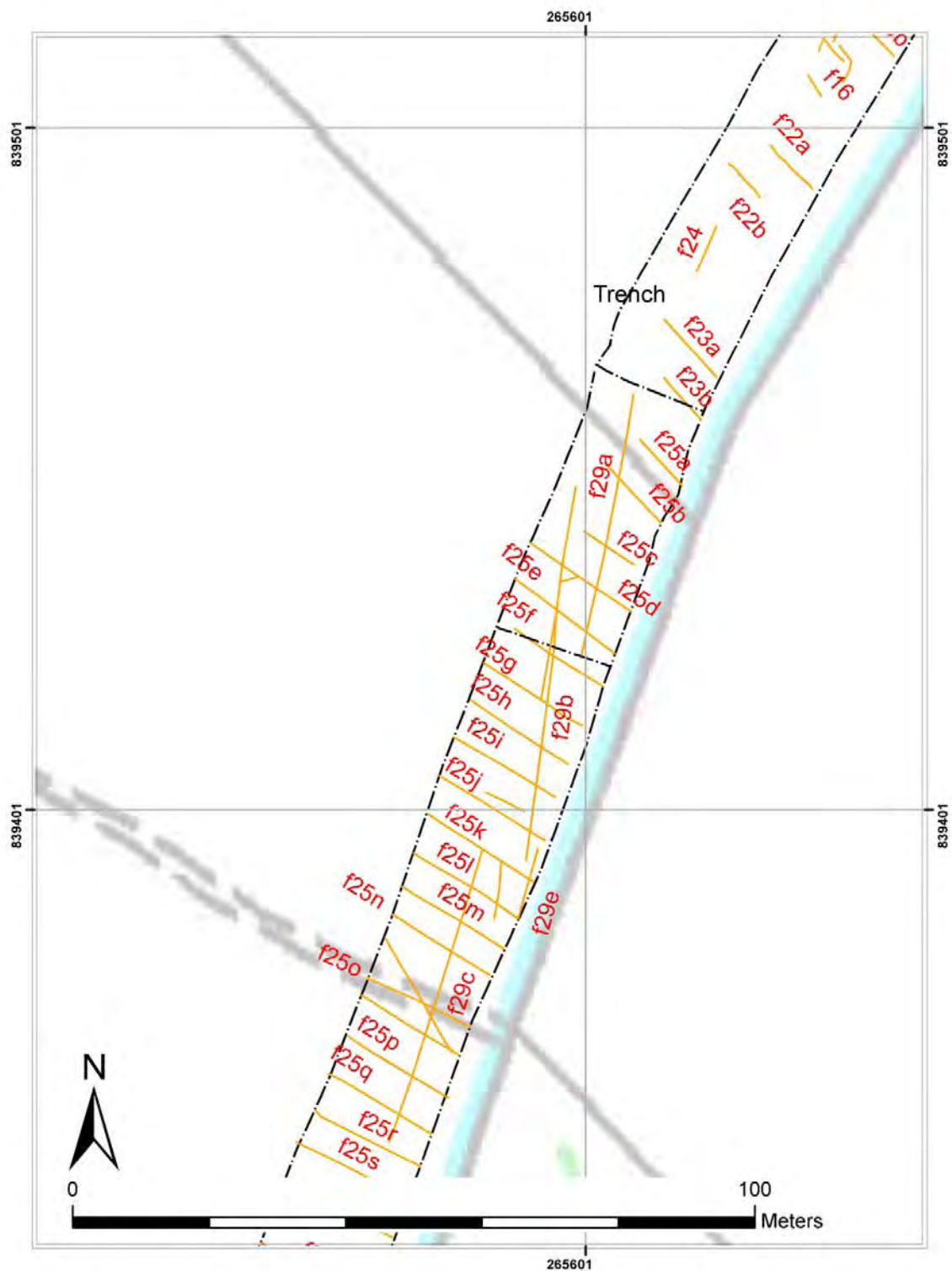


Figure 6 Trench with linear features, N - S

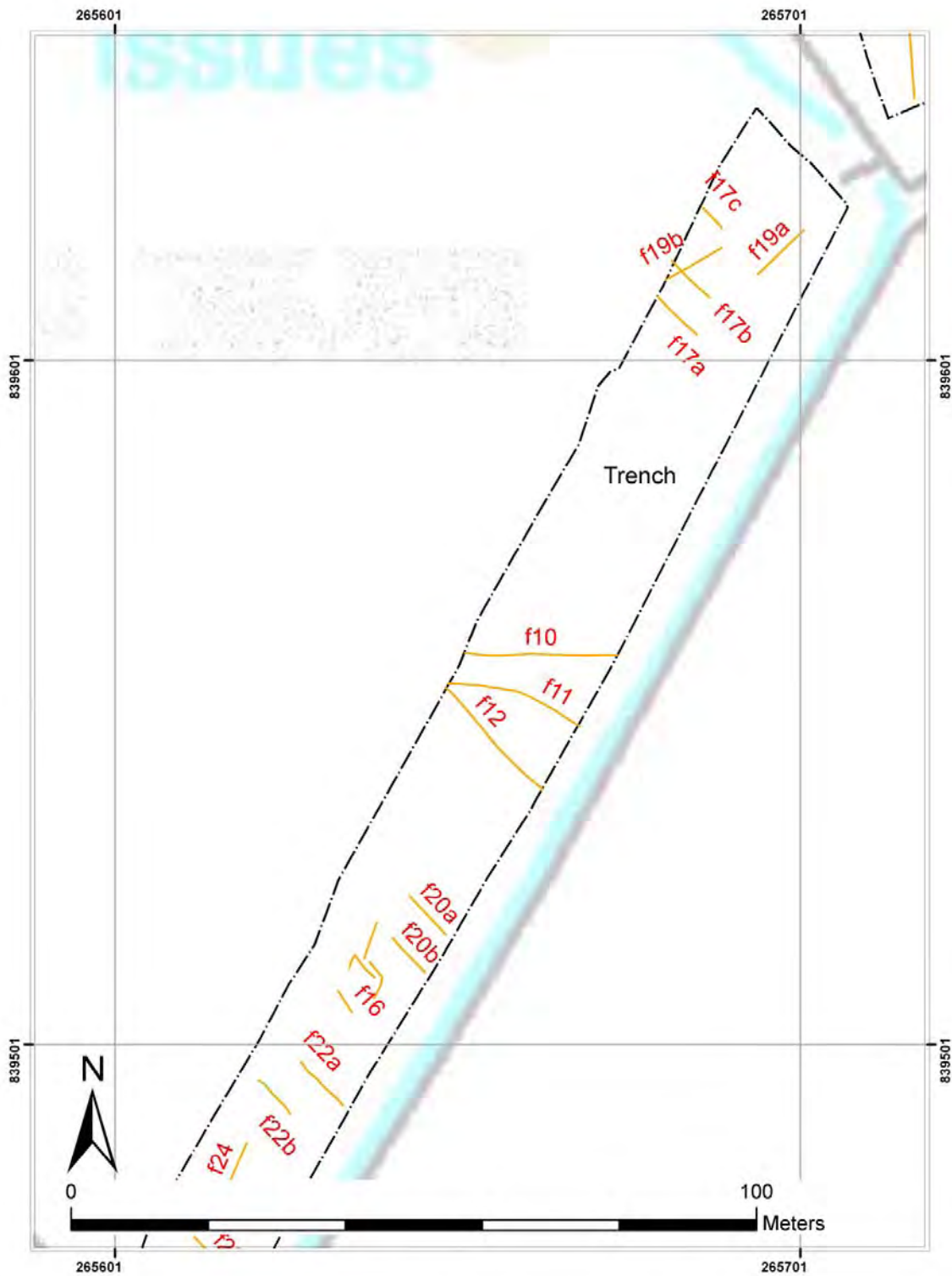


Figure 7 Trench with linear features, N - S

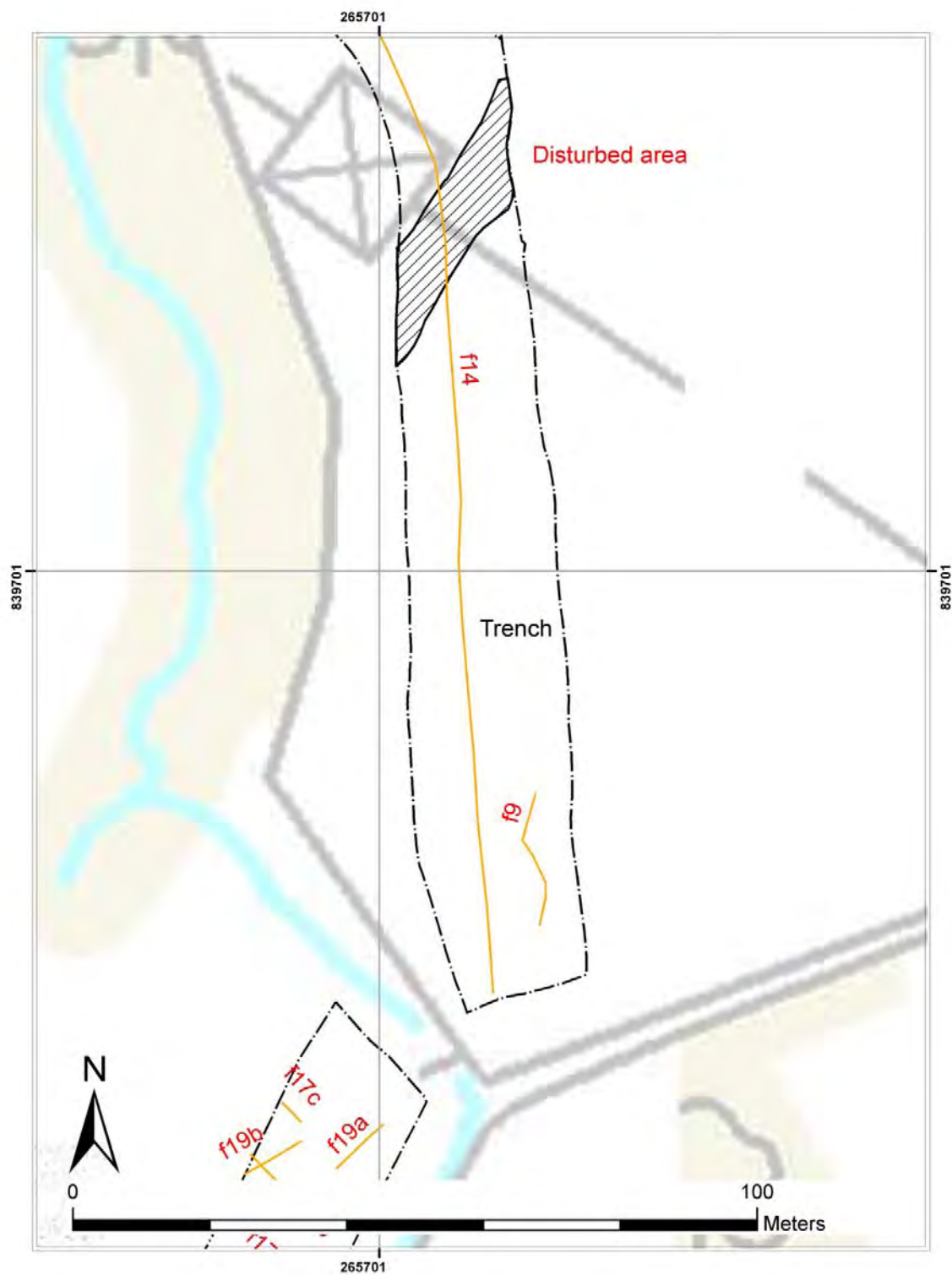


Figure 8 Trench with linear features, N - S

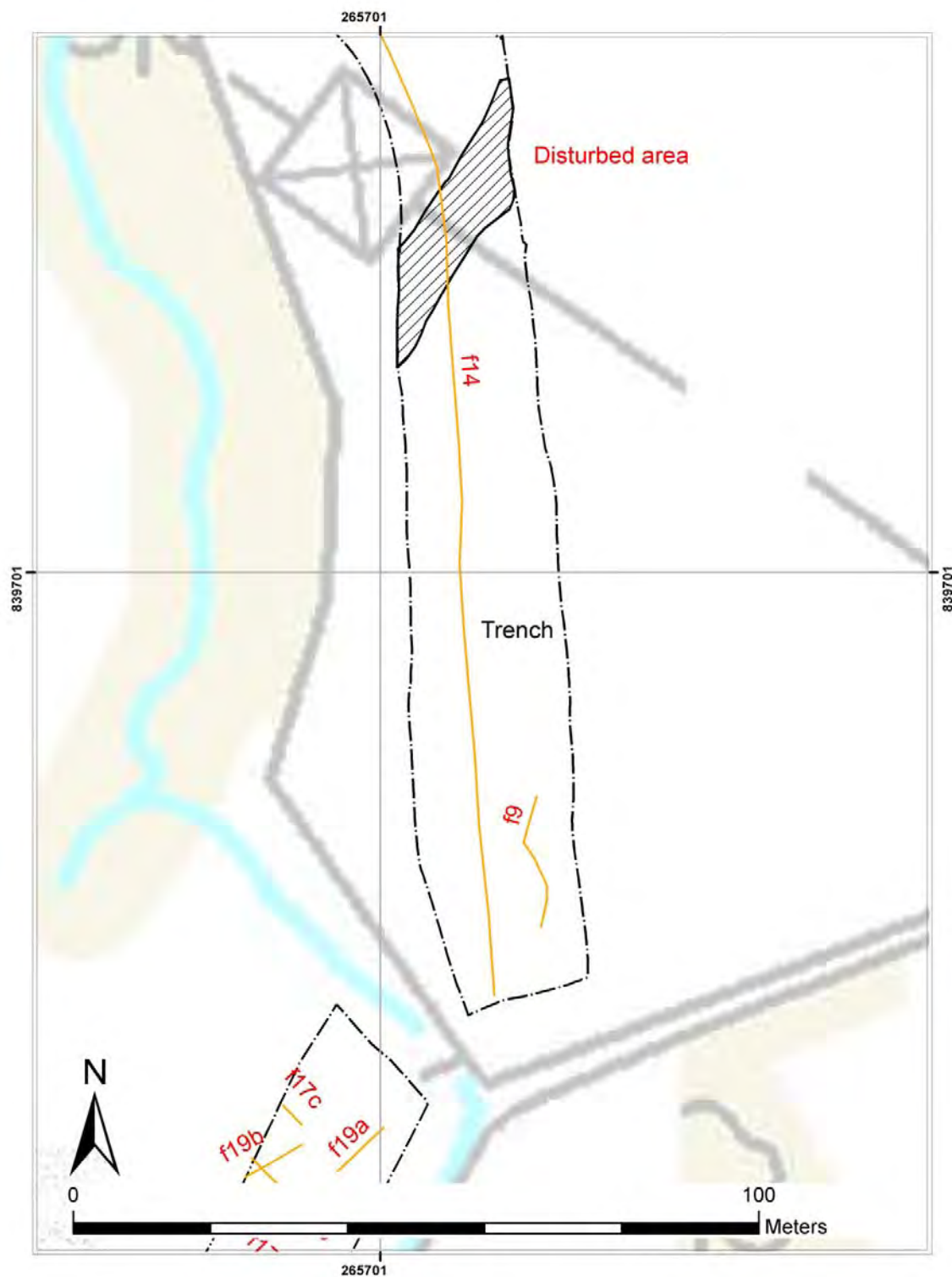


Figure 9 Trench with linear features, N - S

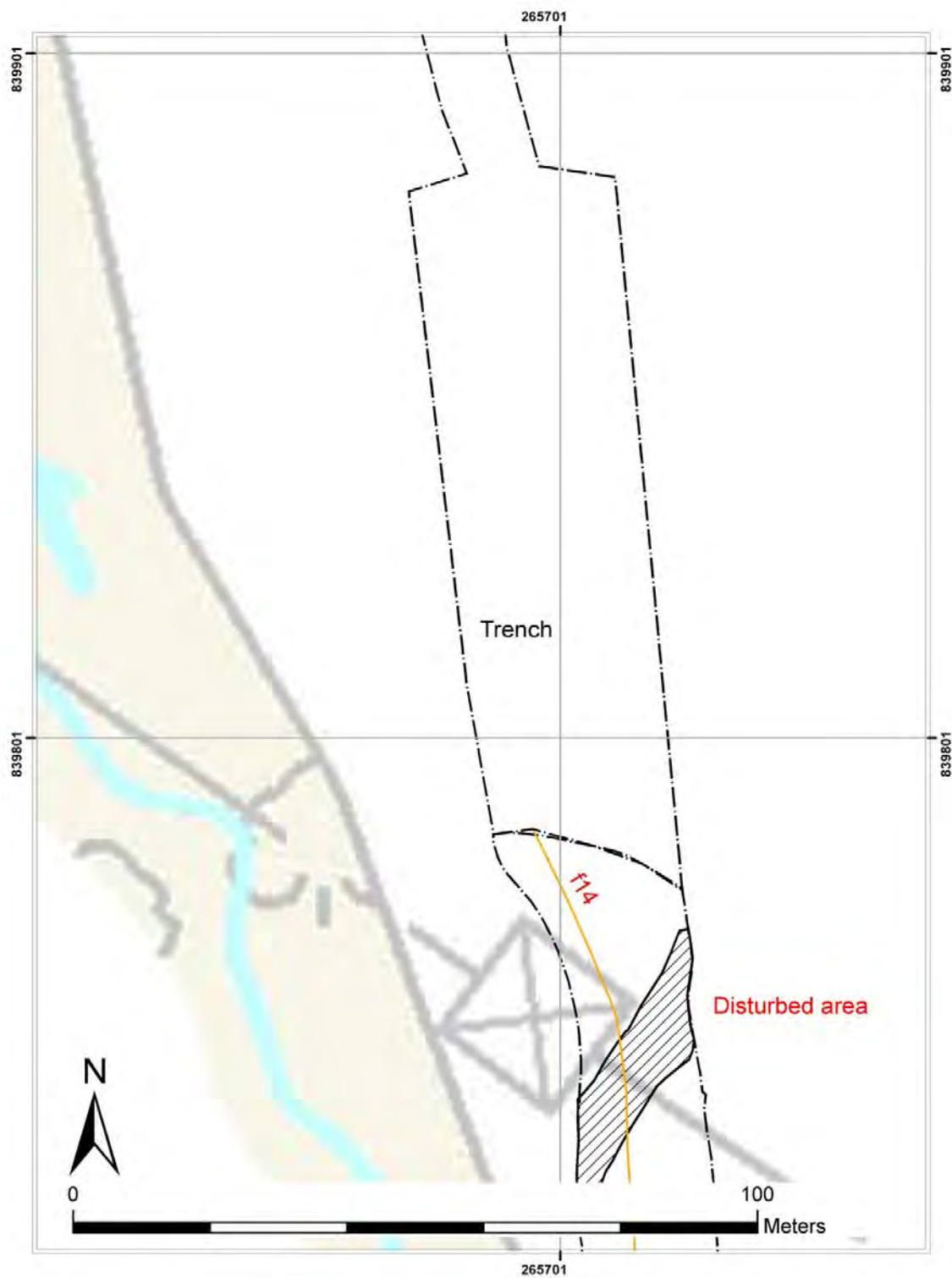


Figure 10 Trench with linear features, N – S

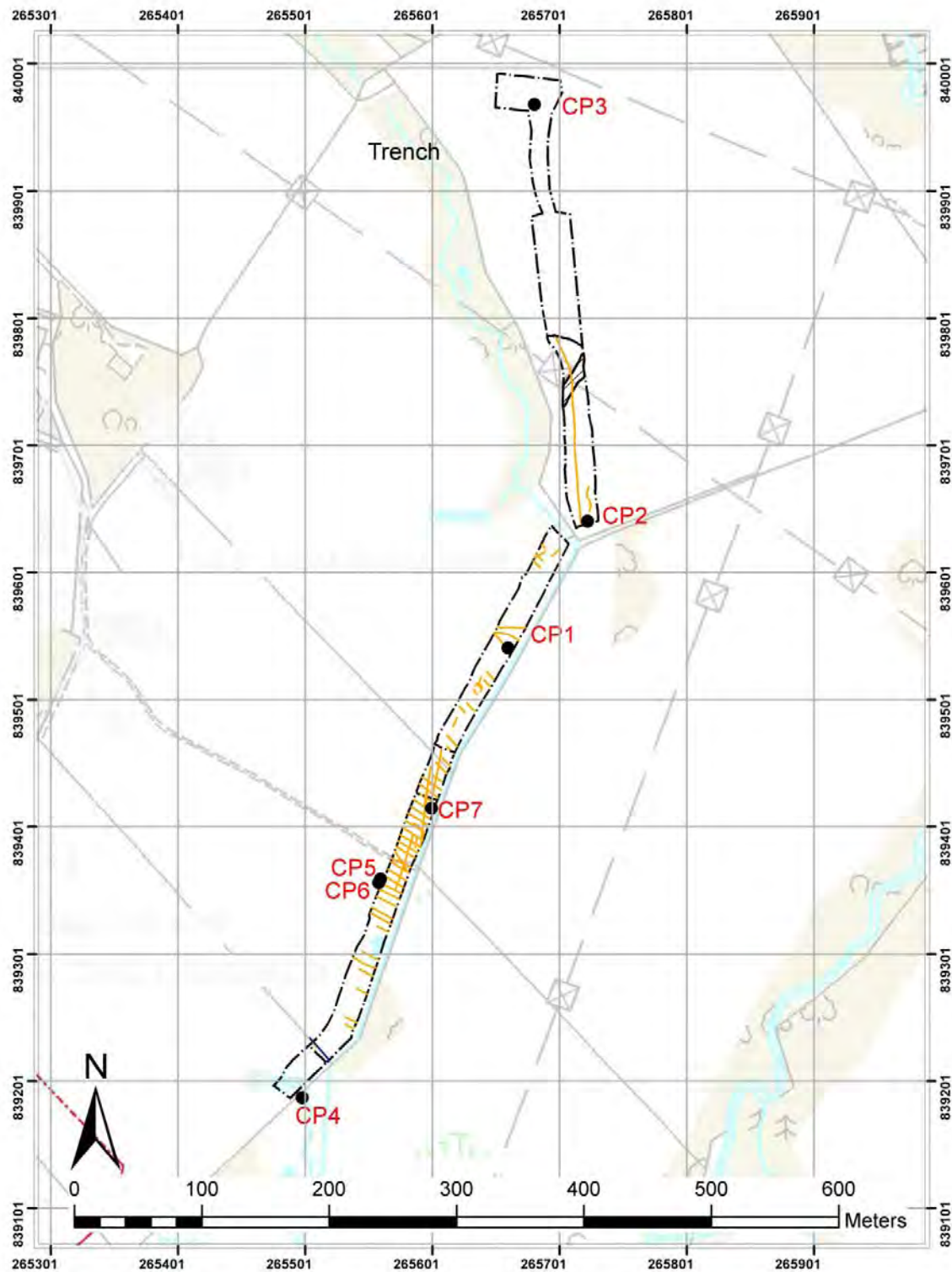


Figure 11 Photo locations (camera points)

Appendix 1: Tables

Table 1 Features

| Feature No | Type | Dimensions (m): w x l x d | Location (Approximate: see mapping for details) | Comments | Date exc |
|------------|--------|---------------------------------------|---|--|------------|
| F1 | Pit | 0.2 x 0.15 x 0.1 | E265660 N839984 | Pit | 26/01/2011 |
| F2 | Hollow | 0.2 x 0.2 x 0.07 | E265660 N839984 | Hollow with no defined cut; not archaeology | 26/01/2011 |
| F3 | Hollow | 0.3 x 0.15 x 0.03 | E265685 N839959 | Hollow with no defined cut; not archaeology | 27/01/2011 |
| F4 | Hollow | 1.2 x 0.6 x 0.1 | E265692 N839892 | Hollow with no defined cut; charcoal flecks | 27/01/2011 |
| F5 | Hollow | 0.6 x 0.5 x 0.1 | E265687 N839873 | Hollow with no defined cut; charcoal rich | 29/01/2011 |
| F6 | Hollow | 0.55 x 0.4 x 0.1 | E265694 N839834 | Not archaeology | 29/01/2011 |
| F7 | Pit | 1 x 0.8 x 0.35 | E265708 N839843 | Pit; charcoal + flat stones | 29/01/2011 |
| F8 | Pit | 1 x 0.7 x 0.3 | E265711 N839802 | Pit: approx oval, steep sided with slight curve to base, containing mid-dark brown soil with many stones. Some stones c. 10-15cm dia around edge of cut. | 31/01/2011 |
| F9 | Linear | approx. 20 x 0.4 x 0.07 | E265723 N839659 | No contexts defined. Shallow drainage channel or modern plough-cut. | 31/01/2011 |
| F10 | Linear | approx. 22 x 0.4 x 0.07 within trench | E265665 N839557 | No contexts defined. Straight, shallow field drainage channel or modern plough-cut - hard to distinguish from surrounding subsoil. Oriented E-W | 01/02/2011 |
| F11 | Linear | approx. 21 x 0.4 x 0.1 within trench | E265659 N839552 | No contexts defined. Slightly curved, shallow field drainage channel or modern plough-cut - fill same as topsoil. Oriented E-W / ENE-WSW | 01/02/2011 |
| F12 | Linear | approx. 20 x 0.4 x 0.15 within trench | E265655 N839545 | No contexts defined. Shallow drainage channel or modern plough-cut similar to and slightly deeper than F10 or F11; runs down from gateway, so possible erosion channel. Oriented NW-SE | 01/02/2011 |

| Feature No | Type | Dimensions (m): w x l x d | Location (Approximate: see mapping for details) | Comments | Date exc |
|------------|----------------|--------------------------------------|---|--|------------|
| F13 | - | - | | Deleted | 01/02/2011 |
| F14 | Linear | length unclear Width 0.4 x 0.05 deep | E265696 N839787 to E265717 N839639 | No contexts defined. Very long feature - shallow linear depression with mid-brown deposit. Few stones. Very poor condition and hard to clarify in some places but uniform where visible - possible former field boundary, drainage channel or modern plough-cut. | 01/02/2011 |
| F15 | Pit | 0.45 x 0.7 x 0.08 | E265722 N839741 | Pit: well defined where visible but cut by trench edge; cut into yellow hard clay subsoil; fill of peat with charcoal | 01/02/2011 |
| F16 | Linear (group) | (see comments) | E265637 N839511 | No contexts defined. Complex of 5 short lengths of very shallow drainage channels or modern plough-cuts, 0.3-.04m wide; approx. 0.1m deep. Length: (a) L-shaped, oriented NW-SE; NNE-SSW, 6.2m (b) straight, oriented NNE-SSW, 5.4m (c) slightly curved, NW-SE, 4.4m (d) slightly curved, NNE-SSW, 2m (e) straight, NNW-SSE, 3.7m | 01/02/2011 |
| F17 | Linear (group) | (see comments) | E265685 N839614 | No contexts defined. 3 short lengths of straight, very shallow field drainage channels or modern plough cuts, parallel orientation NW-SE, fairly equidistant running down slope. Fill is uneven grey stones which occur naturally in subsoil. Both 0.3-.04m wide; approx. 0.1m deep. Length: (a) 8m within trench (b) 7.7m within trench (c) 4m | 01/02/2011 |
| F18 | Pit | 0.35 x 0.35 x 0.07 | E265687 N839594 | Pit: well defined where visible but cut by trench edge and damaged by digger so full recording not possible; cut into yellow hard clay subsoil; fill of peat with charcoal. Similar to F15. | 13/02/2011 |

| Feature No | Type | Dimensions (m): w x l x d | Location (Approximate: see mapping for details) | Comments | Date exc |
|------------|----------------|---------------------------|---|---|---------------|
| F19 | Linear (group) | (see comments) | E265691 N839615 | No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NE-SW. Cutting across F17 but relationship unclear. Both c.0.3-0.4m wide. Length: (a) 9.3m (b) 9.5m | 13/02/2011 |
| F20 | Linear (group) | (see comments) | E265645 N839517 | No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NW-SE. Both c.0.3-0.4m wide. Length: (a) 7.8m (b) 7m | 13/02/2011 |
| F21 | | | | Deleted | 13/02/2011 |
| F22 | Linear (group) | (see comments) | E265627 N839494 | No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NW-SE. Both c.0.3-0.4m wide. Only short lengths of these were identified: (a) 8.9m; (b) 6.8m | 13/02/2011 |
| F23 | Linear (group) | (see comments) | E265615 N839465 | No contexts defined. Two roughly parallel lengths of drainage channel or modern plough-cut oriented NW-SE. Both c.0.3-0.4m wide. Only short lengths of these were identified: (a) 11.5m; (b) 8.25m. These may form part of the same group as F25. | 13/02/2011 |
| F24 | Linear | 7.3 x 0.35 x 0.07 | E265618 N839483 | No contexts defined. Short section of straight, shallow field drainage channel or modern plough-cut - hard to distinguish from surrounding subsoil. Oriented NNE-SSW | 13/02/2011 |
| F25 | Linear (group) | (see comments) | From approx E265608 N839455 to E265538 N839242 | No contexts defined. 29 parallel lengths of drainage channel or modern plough-cut, c.0.3-0.4m wide, oriented WNW - ESE, roughly at right angles to the modern field boundary. Intersected F25 but relationship could not be determined. All crossed the whole trench apart from the following lengths: (a) 9.1m (b) 11.4m (c) 8.8m (f) 15.5m (w) 9.45m (x) 14.5m (z) 12.5m (aa) 9.3m (ab) 9.3m (ac) 6.9m. See also F23. | 13-16/02/2011 |

| Feature No | Type | Dimensions (m): w x l x d | Location (Approximate: see mapping for details) | Comments | Date exc |
|------------|----------------|---------------------------|---|---|------------|
| F26 | Pit (group) | 0.5 x 0.5 | (a) E265599 N839410 (b) E265597 N839405 | No contexts defined. Two pits, apparently modern fence post holes. On E edge of trench, v. sharp, square shaped darker deposit; on fence line. | 13/02/2011 |
| F27 | Linear | 6.2 x 0.4 x 0.07 | E265589 N839402 (approx) | No contexts defined. Short section of straight, shallow field drainage channel or modern plough-cut - hard to distinguish from surrounding subsoil. Oriented WNW - ESE and aligned with F25. | 13/02/2011 |
| F28 | | 0.9 x 0.9 x 0.3 | E265606 N839431 | No defined cut. Charcoal rich deposit overlies hearth stones in hollow. | 13/02/2011 |
| F29 | Linear (group) | (see comments) | E265608 N839462 to approx. E265572 N 839352 | No contexts defined. 6 lengths of drainage channel or modern plough-cut, c.0.3-0.4m wide, oriented NNE-SSW. Intersected F25 but relationship could not be determined. Lengths: (a) 39.3m (b) 55.2m (c) 44.9m (d) 8.4m (e) 10.8m (f) 13.1m | 13/02/2011 |
| F30 | Linear | 2.9 x 0.4 x 0.07 | E265598 N839434 | short length of drainage channel or modern plough cut oriented approx. E - W and connecting F25d to F29b. Relationships to connecting features could not be established. | 13/02/2011 |
| F31 | Linear | 19.3 x 0.4 x 0.07 | E265576 N839373 | Length of drainage channel or modern plough cut oriented approx. NW - SE and intersecting F25. Relationships to connecting features could not be established. | 13/02/2011 |

Table 2 Contexts

| Context no. | Type | Feature No | Dimensions (m): w x l x d | Comments | Stratigraphically above | Stratigraphically below | Stratigraphically equal to |
|-------------|---------|------------|---------------------------|---|-------------------------|-------------------------|----------------------------|
| 101 | Deposit | F1 | 0.2 x 0.15 x 0.1 | Pit fill (secondary): dark charcoal rich clay soil with few small stones and some large pieces of charcoal | 102 | 119 | |
| 102 | Deposit | F1 | 0.3 x 0.3 x 0.15 | Pit fill (primary): Light brown clay soil with occasional charcoal flecks and few small stones. 1 Larger stone lies approx. along cut. | 115 | 101 | |
| 103 | Deposit | F2 | 0.2 x 0.2 x 0.07 | Fill of hollow with no defined cut; light brown soil, no charcoal; loose fill with some small stones. Hollow is very shallow with an uneven base. Not archaeology | 120 | 119 | |
| 104 | Deposit | F3 | 0.3 x 0.15 x 0.03 | Fill of hollow with no defined cut; fill similar to surrounding soil; apparent stone-throw; not archaeology | 120 | 119 | |
| 105 | Deposit | F4 | 1.2 x 0.6 x 0.1 | Fill of hollow with no defined cut; light - mid brown fill with few charcoal flecks virtually indistinguishable from topsoil. Some larger flat stones at bottom of feature. | 120 | 119 | |
| 106 | Deposit | F5 | 0.6 x 0.5 x 0.1 | Upper fill of hollow with no defined cut; charcoal rich but hard to distinguish from surrounding soil | 108 | 119 | |
| 107 | Deposit | F6 | 0.55 x 0.4 x 0.1 | Fill of hollow with no defined cut; fill similar to surrounding soil; apparent stone-throw; not archaeology | 120 | 119 | |

| Context no. | Type | Feature No | Dimensions (m): w x l x d | Comments | Stratigraphically above | Stratigraphically below | Stratigraphically equal to |
|-------------|---------|------------|---------------------------|---|-------------------------|-------------------------|----------------------------|
| 108 | Deposit | F5 | | Primary fill of hollow with no defined cut; light brown clay-rich; very soft in places and hard to define against subsoil. Some staining from 106. | 120 | 106 | |
| 109 | Deposit | F7 | 1 x 0.8 x 0.35 | Fill of pit; dark brown deposit with mottled charcoal flecks throughout. Many stones including medium (c.20cm) flat slabs. Disturbed by burrow on E side. | 116 | 119 | |
| 110 | Deposit | F8 | 1 x 0.7 x 0.3 | Fill of pit: mid-dark brown soil with many stones. Some stones c. 10-15cm dia around edge of cut. | 117 | 119 | |
| 111 | Deposit | F15 | 0.45 x 0.7 x 0.08 | Fill of pit: wet peat with charcoal | 118 | 119 | |
| 112 | Deposit | F28 | 0.6 x 0.6 x 0.15 | No defined cut. Dark, charcoal rich deposit overlies hearth stones in hollow. | 114 | 119 | 113 |
| 113 | Deposit | F28 | 0.9 x 0.9 x 0.2 | No defined cut. Mid brown earth containing flecks of charcoal - build-up of material around 114 | 114 | 119 | 112 |
| 114 | Deposit | F28 | 0.5 X 0.5 X 0.07 | No defined cut. Flat stones, c.15-25cm across, lining bottom of cut - hearth? | 112 | 119 | |
| 115 | Cut | F1 | 0.2 x 0.15 x 0.25 | Cut of pit containing 101, 102. Sloping sides and curved base. | 120 | 102 | |
| 116 | Cut | F7 | 1 x 0.8 x 0.35 | Cut of pit containing 109. Steep sided and flat-bottomed. Disturbed by burrow in E side | 120 | 109 | |

| Context no. | Type | Feature No | Dimensions (m): w x l x d | Comments | Stratigraphically above | Stratigraphically below | Stratigraphically equal to |
|-------------|-----------------|------------|----------------------------|---|-------------------------|-------------------------|----------------------------|
| 117 | Cut | F8 | 1 x 0.7 x 0.3 | Cut of pit: approx oval, steep sided with slight curve to base, containing 110 | 120 | 110 | |
| 118 | Cut | F15 | 0.45 x 0.7 x 0.08 | Cut of pit: well defined where visible but view truncated by trench edge; clear cut into yellow hard clay subsoil | 120 | 111 | |
| 119 | Deposit | - | | Ploughsoil - mixed dark soil with bioturbation and rich organic content | 120 | - | |
| 120 | Natural subsoil | - | | Subsoil - mixed yellow/brown periglacial sands, gavels and clays | - | 120 | |
| 121 | Fill | F18 | | Fill of pit: wet peat with charcoal | 122 | 119 | |
| 122 | Cut | F18 | Approx. 0.35 x 0.35 x 0.07 | Cut of pit into yellow hard clay subsoil. V similar to F15 but full excavation not possible owing to truncation by edge of trench and damage by digger. | 120 | 121 | |

Table 3 Drawings

| Drawing no. | Feature no. | Type | Note | Drawn Scale | Initials | Date |
|-------------|-------------|--------------|-----------|-------------|----------|------------|
| 1 | F1, F2 | Pre-ex plan | | 1:20 | LGJ | 26/01/2011 |
| 2 | F1, F2 | Section | NE facing | 1:10 | LGJ | 26/01/2011 |
| 3 | F3 | Pre-ex plan | | 1:20 | LGJ | 27/01/2011 |
| 4 | F4 | Post-ex plan | | 1:20 | LGJ | 27/01/2011 |
| 5 | F4 | Section | N facing | 1:10 | LGJ | 27/01/2011 |
| 6 | F4 | Pre-ex plan | | 1:20 | LGJ | 27/01/2011 |
| 7 | F5 | Pre-ex plan | | 1:20 | LM | 29/01/2011 |
| 8 | F6 | Pre-ex plan | | 1:20 | LGJ | 29/01/2011 |

| Drawing no. | Feature no. | Type | Note | Drawn Scale | Initials | Date |
|-------------|-------------|--------------|-----------|-------------|----------|------------|
| 9 | F5 | Section | W facing | 1:10 | LM | 29/01/2011 |
| 10 | F5 | Post-ex plan | | 1:20 | LM | 29/01/2011 |
| 11 | F6 | Section | S facing | 1:10 | LM | 29/01/2011 |
| 12 | F6 | Post-ex plan | | 1:20 | LM | 29/01/2011 |
| 13 | F7 | Pre-ex plan | | 1:20 | LM | 29/01/2011 |
| 14 | F7 | Section | SW facing | 1:10 | LM | 29/01/2011 |
| 15 | F7 | Post-ex plan | | 1:20 | LM | 29/01/2011 |
| 16 | F8 | Pre-ex plan | | 1:20 | LGJ | 31/01/2011 |
| 17 | F8 | Section | S facing | 1:10 | LGJ | 31/01/2011 |
| 18 | F8 | Post-ex plan | | 1:20 | LGJ | 31/01/2011 |
| 19 | F15 | Pre-ex plan | | 1:20 | LM | 04/02/2011 |
| 20 | F15 | Section | W facing | 1:10 | LM | 04/02/2011 |
| 21 | F15 | Post-ex plan | | 1:20 | LM | 04/02/2011 |
| 22 | F28 | Pre-ex plan | | 1:20 | LGJ | 16/02/2011 |
| 23 | F28 | Section | S facing | 1:10 | LGJ | 16/02/2011 |
| 24 | F28 | Post-ex plan | | 1:20 | LGJ | 16/02/2011 |

Table 4 Photographs

| Photo no | Location | Direction | Subject | Notes | Scale | Taken by | Date |
|----------|--------------|-----------|---------|---------|-------|----------|------------|
| KGL_1 | (AS SUBJECT) | S | F1, F2 | Pre-ex | 15cm | LM/LGJ | 26/01/2011 |
| KGL_2 | (AS SUBJECT) | SE | F1, F2 | Post-ex | 15cm | LM/LGJ | 26/01/2011 |
| KGL_3 | (AS SUBJECT) | NNE | F3 | Pre-ex | 15cm | LM/LGJ | 27/01/2011 |
| KGL_4 | (AS SUBJECT) | S | F4 | Pre-ex | 15cm | LM/LGJ | 27/01/2011 |
| KGL_5 | (AS | S | F4 | Post-ex | 15cm | LM/LGJ | 27/01/2011 |

| Photo no | Location | Direction | Subject | Notes | Scale | Taken by | Date |
|----------|-----------------|-----------|---------|--------------------|------------|----------|------------|
| | SUBJECT) | | | | | | |
| KGL_6 | (AS SUBJECT) | NE | F3 | Post-ex | 15cm | LM/LGJ | 27/01/2011 |
| KGL_7 | (AS SUBJECT) | E | F5 | Pre-ex | 1m + 15cm | LM/LGJ | 29/01/2011 |
| KGL_8 | (AS SUBJECT) | S | F6 | Pre-ex | 15cm | LM/LGJ | 29/01/2011 |
| KGL_9 | (AS SUBJECT) | E | F7 | Pre-ex | 1m + 15cm | LM/LGJ | 29/01/2011 |
| KGL_10 | (AS SUBJECT) | E | F5 | Post-ex | 15cm | LM/LGJ | 29/01/2011 |
| KGL_11 | (AS SUBJECT) | N | F6 | Post-ex | 15cm | LM/LGJ | 29/01/2011 |
| KGL_12 | (AS SUBJECT) | NW | F7 | Post-ex | 1m + 15cm | LM/LGJ | 29/01/2011 |
| KGL_13 | (AS SUBJECT) | N | F8 | Pre-ex | 1m + 15cm | LM/LGJ | 31/01/2011 |
| KGL_14 | (AS SUBJECT) | N | F8 | Post-ex | 1m + 15cm | LM/LGJ | 31/01/2011 |
| KGL_15 | (AS SUBJECT) | E | F14 | Pre-ex | [Draw hoe] | LM/LGJ | 02/02/2011 |
| KGL_16 | (AS SUBJECT) | W | F18 | Pre-ex | 15cm | LM/LGJ | 02/02/2011 |
| KGL_17 | (AS SUBJECT) | SE | F18 | Post-ex | 15cm | LM/LGJ | 02/02/2011 |
| KGL_18 | (AS SUBJECT) | E | F15 | Pre-ex | 1m | LM/LGJ | 04/02/2011 |
| KGL_19 | (AS SUBJECT) | E | F15 | Post-ex | 15cm | LM/LGJ | 04/02/2011 |
| KGL_20 | CP1 | NNE | | General view | - | LM/LGJ | 04/02/2011 |
| KGL_21 | CP1 | SSW | | General view | - | LM/LGJ | 04/02/2011 |
| KGL_22 | CP2 | N | | General view | 2m | LM/LGJ | 04/02/2011 |
| KGL_23 | CP3 | S | | General view | - | LM/LGJ | 04/02/2011 |
| KGL_24 | CP4 | N | | General view | - | LM/LGJ | 16/02/2011 |
| KGL_25 | CP5 | SE | | Ditches - overview | - | LM/LGJ | 16/02/2011 |

| Photo no | Location | Direction | Subject | Notes | Scale | Taken by | Date |
|----------|-----------------|-----------|---------|--------------------|-------|----------|------------|
| KGL_26 | CP6 | SE | | Ditches - overview | - | LM/LGJ | 16/02/2011 |
| KGL_27 | CP7 | NE | | Ditch - close-up | - | LM/LGJ | 16/02/2011 |
| KGL_28 | (AS SUBJECT) | SW | F28 | Pre-ex | 50cm | LM/LGJ | 16/02/2011 |
| KGL_29 | (AS SUBJECT) | SW | F28 | Mid-ex (section) | 50cm | LM/LGJ | 16/02/2011 |
| KGL_30 | (AS SUBJECT) | SW | F28 | Mid-ex | 50cm | LM/LGJ | 16/02/2011 |
| KGL_31 | (AS SUBJECT) | SW | F28 | Post-ex | 50cm | LM/LGJ | 16/02/2011 |