

## Land at Barrow Heath Shooting Ground, Barrow, Suffolk

### Archaeological Evaluation

NGR: TL 77660 65872  
Planning Ref: Pre-application  
PCAS Site code: BSGE 15  
PCAS Job No.: 1536  
SHER parish code: BRR 059  
SHER Event No: ESF23240

Prepared for

The Barrow Heath Shooting Ground

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November 2015



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## Non-Technical Summary

A programme of archaeological trial trenching was conducted on land at Barrow Heath Shooting Ground, Suffolk. Landscaping works to improve the acoustic screening for residents around the site is proposed in the southwest corner and along the access road to the existing shooting ground, with an application under preparation for submission to the local planning authority. The approximate central NGR of the site is TL 77660 65872.

The site largely occupies a west facing slope on Barrow Heath, between Riseby and Barrow. To the north Bronze Age barrows and other funerary features along with scatters of artefacts have been identified during roadworks, and further scatters of prehistoric, Roman and Saxon artefacts have been recovered from the south facing slope of Barrow Heath.

Geophysical survey of the site has identified mainly linear anomalies interpreted as medieval/post-medieval ridge and furrow occupying large parts of the site. A single possible ditch crossing the slope of the hill was also identified.

Forty 20m trenches are positioned to investigate and confirm the results of the geophysical survey. Trenches avoided known services and existing structures on the site, and were targeted in those areas to be impacted by the landscaping proposals. The results of the evaluation proved mainly negative with only trenches 1, 3 and 36 revealing any archaeology in the form of three undated ditches and a gully.



Figure 1: Site location map at scale 1:25,000. Site location in red. (OS mapping © Crown copyright. All rights reserved. PCAS licence no. 100049278).

## **1.0 Introduction**

Pre-Construct Archaeological Services Ltd (PCAS) was commissioned by The Barrow Heath Shooting Ground to undertake a scheme of archaeological trial trenching on land at the existing shooting ground. A total of forty trenches were positioned to investigate the results of a geophysical survey of the site, and the results will be used to inform a forthcoming planning application for the construction of acoustic mounds around the site to minimise the noise experienced by local residents from the activity at the shooting ground.

This document follows current best practice and appropriate national guidance including:

- NPPF, National Planning Policy Framework (2012)
- ClfA Code of Conduct (1994 as revised);
- ClfA Standards and Guidance for Archaeological Field Evaluation (2014);
- Management of Research Projects in the Historic Environment (MoRPHE)

## **2.0 Site location and description (Fig. 1)**

The assessment area lies on the south side of the A14 between junctions 40-41 of that road. The railway line to Bury St Edmunds (c.7.5km east) from Ely forms the northern boundary of the Site. The villages of Barrow and Burthorpe Green lie c.2km to the south of the site, while Risby lies c.2km to the northeast.

The site is currently in use as the Barrow Shooting ground, and is accessed via a track along the eastern arm of the site off of New Road from J41 of the A14. The site comprises c. 14.5 hectares of mixed open grass and wooded areas, the latter occupying the topographically highest part of the site and open grass on the west facing slope. The surrounding land is in use as arable farmland.

The evaluation trenches were concentrated in those accessible areas which are proposed for landscaping to improve the experience of the residents around the site during the events held at the shooting ground. These include along the south side of the access track, and the southwest corner of the site on the west facing slope.

The approximate central National Grid Reference of the Site is TL 77660 65872.

## **3.0 Geology and topography**

The predominant soil type identified in the vicinity of the proposed development comprises freely draining slightly acidic and base rich soils (Magic.co.uk). The solid geology of the site comprises Cretaceous chalk (predominately undifferentiated Holywell Nodular Chalk Formation and New Pit Chalk Formation). Superficial deposits along the western boundary comprises Head (clay, silt, sand and gravel) - material accumulated by down slope movements, including landslide, debris flow, solifluction, soil creep and hill wash. No overlying deposits are recorded in the central region, with wind blown sand across the majority of the area (mapapps.bgs.ac.uk).

The site lies on a west facing slope on the top of Barrow Heath; the site lies at nearly 65m OD at the extreme eastern end of the site where the access track meets New Road, gently falling to the west towards the existing copse of trees in the shooting ground, and then falling rapidly to less than 40mOD along the waterway which forms the southern edge of the site (Fig. 2).

#### 4.0 Planning background

The Barrow Heath Shooting ground is seeking to extend their operations to include a series of landscaped acoustic mounds to contain noise from their regular events. The shooting ground has been in existence for almost 20 years and at present is restricted in activities that can take place on the site due to potential environmental concerns. The erection of a series of strategically located mounds will enable the operations to be carried without causing annoyance or nuisance to local residents.

It is proposed to import suitable inert materials to create the mounds as shown on Fig. 2. In advance of the construction of the mounds top and sub-soils would be stripped from the existing agricultural land and temporarily stockpiled for re-use following the establishment of the earth mounds. No soils will be removed from the northern sector of the site outside of the agricultural field.

An archaeological desk-based assessment was completed in July 2015, with a geophysical survey of the site undertaken in June of that year. The results of this research along with the proposals are used here to target the forty evaluation trenches to investigate the potential and survival of any buried archaeological remains that may be impacted as a result of the proposals, and to make an initial assessment of the significance of those remains.

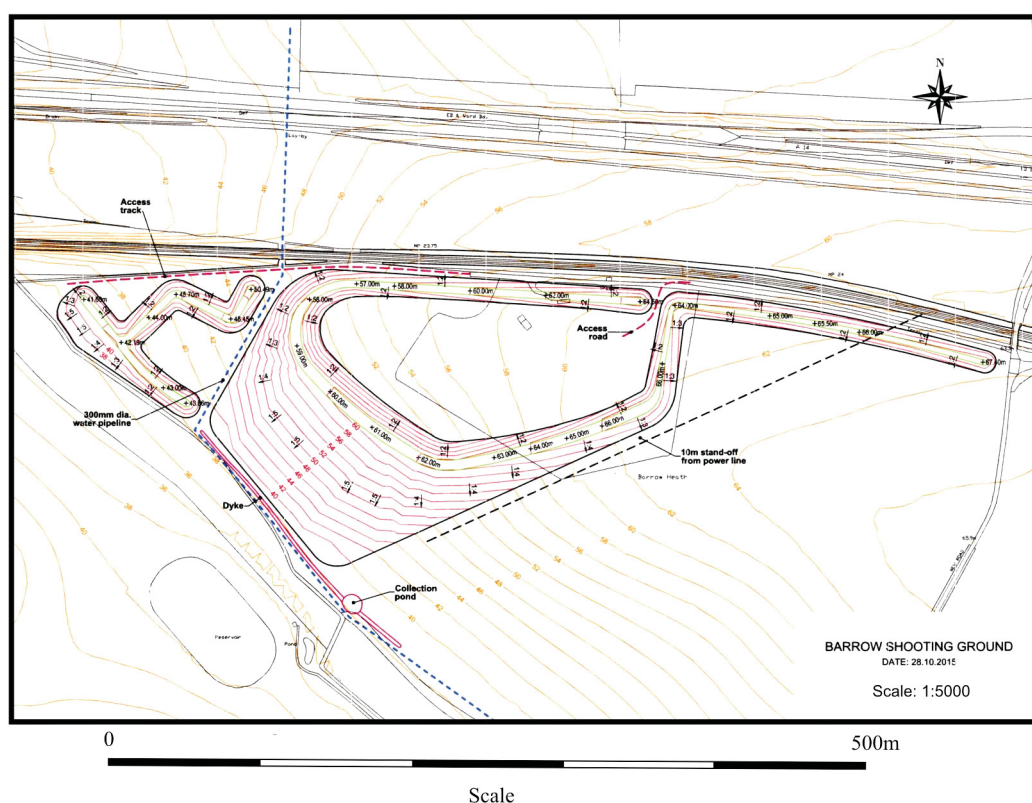


Figure 2. Plan of proposed acoustic mounds (supplied by client)

#### 5.0 Archaeological and historical background

Bronze and Iron Age artefacts have been recovered from the area to the south of the Site, but it is to the north that the highest concentration of prehistoric archaeological remains has been recovered. In this area a Bronze Age barrow was encountered during roadworks in the mid 18<sup>th</sup> century, and a number of other burials including one cremation have been identified during modern construction, including the surviving half of a Bronze Age barrow which upon excavation was found to contain two inhumations with associated grave goods. Twenty long

blade flakes have been recovered from the bed of the small stream at Barrow Bottom (RBY011), c. 125m north of the proposed development area. There are also a number of uninvestigated cropmarks scattered around the area which are thought to indicate prehistoric remains.

There is little evidence for Roman occupation around the Site; scatters of artefacts including coins, brooches and pottery have been recovered from around the area including immediately south of the Site. This scatter of artefacts is typical of the evidence of Roman activity in the surrounding area, which due to being largely agricultural has provided few opportunities to investigate the buried archaeological record, however the projected route of the Roman road the Ickneild Way runs c.3.5km to the north of the Site.

There is a sparse scatter of Saxon artefacts recorded as being recovered from the area around the Site, including a stirrup found c.125m southeast of the Site boundary. Settlement in the area was certainly established by the late Saxon period as both Barrow and neighbouring Risby feature as substantial settlements in the Domesday Book. Barrow (Baro) itself had 15 villagers, 10 smallholders, 1 slave and a freeman. The village was composed of three acres of meadow, woodland, a mill and a church. Risby (Risebi) had 4 villagers, 7 smallholders, 3 slaves, eight freemen and was composed of two acres of meadow and a church. The place name Barrow derives from the Old English *bearu* meaning *place at the wood of grove*, while Risby also from the Old Scandinavian *ryth* and *by*, meaning *farmstead or village among the brushwood or by a clearing* (Mills, 1993), suggesting a slightly later date for the origin of this village. Both these place names indicate the area was mostly wooded in the Pre-Conquest period.

The Domesday villages continued to be occupied throughout the medieval period, with a local economy probably based on agriculture. There are no known medieval archaeological monuments around the Site, although a small number of medieval and post-medieval artefacts have been recovered by metal detectorists to the south.

There are three Grade II Listed Buildings in the area around the Site, including the mill and Mill House c. 300m southwest of the Site, first shown on a map dating from the late 16<sup>th</sup> century.

A geophysical survey of the site was undertaken in June 2015 (Bunn, 2015) targeted on the areas of the site that are involved in the landscaping proposals. The full report on the geophysics results is incorporated into the archaeological DBA (Evans, 2015). The geophysics identified the remnants of ridge and furrow cultivation in the southwest and east arm of the site, and a possible ditch running on a northwest-southeast alignment across the west facing slope of the site. The majority of the variation was interpreted as being due to the presence of and disturbance by the shooting ground equipment and use, and modern services. As such, a low archaeological potential was indicated by the results of this survey.

## 6.0 Methodology (fig. 3)

The evaluation trenches were opened by machine, equipped with a toothless bucket under archaeological supervision to the first archaeologically significant horizon within Trench 2 and natural geology within Trenches 1 and 3 respectively. The trenches were then cleaned and defined by hand.

Where identified, archaeological features were examined sufficiently to determine their date, character and survival condition and then recorded by measured plan and section drawings at appropriate scales (1:20 or 1:50), incorporating Ordnance Survey datum heights.

A written record of each significant stratigraphic horizon and archaeological feature was made on standard PCAS context recording forms. These were supplemented by a narrative account in the form of a site diary.

A digital photographic record, supplemented by colour slide and monochrome film photography as appropriate, was maintained during the course of the archaeological intervention.



Figure: 3. Trench location plan at Barrow Shooting Ground, based on interpretive geophysics results. Scale 1:5000

## 7.0 Results (figs 4-6)

### Negative Trenches (fig: 7)

#### Summary

*The majority of the trenches excavated were deemed negative and included trenches 2, 4-26 located towards the south- western extent of the site and trenches 27- 35, 37- 40 in the north-eastern extent of the site.*

The negative trenches all contained a similar sequence of material in the form of a basal layer of red-brown sandy silt forming deposits within the underlying chalky flint natural.

Above this layer was a 0.38m thick subsoil deposit of mid orange brown silty sand with occasional flint inclusions located within all trenches situated at the top of the slope at the north-eastern extent of the site. This subsoil deposit became less obvious towards the western extent of the site as the ground level dropped down the slope with only three of the 26 trenches exhibiting signs of it where it had eroded to a depth of 0.15m.

Ridge and furrow cultivation (**Fig: 6**) was also evident in trenches 3, 11, 21 and 24, mainly aligned north-east to south-west with trench 24 containing the greatest concentration of furrows.

All of the above were subsequently sealed by a 0.26-36m thick deposit of mid grey brown topsoil.

### Positive Trenches (figs: 4 & 5)

#### Summary

*Of the forty trenches excavated only trenches 1, 3 and 36 revealed any evidence of archaeology which comprised a ditch and a gully in trench 1, a single ditch in trench 3 (continuation of feature in trench 1) and a smaller ditch located in trench 36. All features were devoid of finds and undated.*

### Trench 1 (Fig: 4a & 4c)

The earliest layer encountered was natural chalk (104) with occasional flint inclusions.

Cut into this basal material were two shallow linear features interpreted as a ditch and a gully aligned north to south and north-west to south-east respectively.

Ditch [103], aligned north to south exhibited very shallow sides, approximately 1m wide and filled with poorly sorted red-brown silty sand (102), 0.14m thick devoid of finds. This ditch appeared on the geophysical survey as a north to south aligned linear running down the western slope of the site, its conjectured alignment appearing within trench 3 as [303].

A second linear interpreted as gully [106] was aligned north-west to south-east. Extremely shallow and for the most part ploughed out, this feature for all intent and purpose could also be interpreted as the remnants of a furrow being only 0.05m deep. Despite their conflicting orientation no relationship could be established between [103] and [106], the trench position just falling short of their respective intersection.

Sealing the above was a 0.36m thick deposit of mid grey brown topsoil (101).



### **Trench 3 (Fig: 4d & 4f)**

The basal deposit within trench 3 comprised natural chalk (304) with occasional flint inclusions.

Cut into the natural chalk was north-south aligned ditch [303] situated between two furrows, which was a continuation of ditch [103] recorded in trench 1.

Approximately 1m wide and 0.24m deep, ditch [303] revealed a more concave profile than [103] with the western edge slightly less pronounced, probably a result of erosion on the western downward slope. Contained within [303] was poorly sorted orange-brown silty sand (302) with flint and chalk inclusions yielding no datable evidence.

All the above were subsequently sealed by a 0.28m thick deposit of topsoil (301).

### **Trench 36 (Fig: 5a & 5b)**

The natural deposit comprised mid orange-brown silty sand (3603) with occasional flint inclusions and patches of pale yellow sand and clay with concentrations of flint.

Cut into (3603) was a north-south aligned ditch [3604] approximately 0.72m wide and 0.23m deep, exhibiting a concave profile which did not appear on the geophysical survey. Two fills were present of which the basal fill comprised firm, mid grey-brown silty clay (3605) 0.11m thick, possibly derived from washed in material or general silting within the ditch. The upper fill, approximately 0.1m thick comprised mid grey-brown silty sand with occasional flint inclusions. Both deposits were devoid of datable evidence.

Sealing ditch [3604] was a dense deposit of mid orange-brown subsoil (3602), 0.38m thick with occasional flint inclusions which was subsequently overlain by a 0.32m thick deposit of topsoil (3601).

## **8.0 Discussion and Conclusion**

The evaluation proved for the most part negative, with thirty seven of the forty trenches yielding little more than natural deposits, interspersed with occasional ridge and furrow.

The north-south aligned ditch revealed in both trenches 1 and 3 to the west of the development area together with the gully or furrow in trench 1 yielded no datable evidence, the same applied to the second north-south ditch to the east of the site. These features were very shallow, gully [106] being truncated or eroded to the point of almost being non-existent, and may relate to post-medieval activity, possibly water management features to facilitate drainage down slope towards the dyke that partially forms the southern edge of the development.

The archaeological DBA (Evans, 2015) indicated a low to negligible potential for encountering previously unknown heritage assets of Prehistoric to Post-medieval date within the proposed development area and this was supported by the findings from the trench evaluation. The earliest Tithe map of 1839 recorded the proposed development area within a much larger plot with a possible gravel extraction pit in the north-west corner. A later OS map of 1882 revealed the sub-division of the centre of the plot into six smaller land parcels which lay just between western and eastern ditches revealed in trenches 1, 3 and 36, reinforcing the possibility that they relate to post-medieval activity, the land remaining largely unchanged well into the 1950's.

## 9.0 Effectiveness of Methodology

Intrusive evaluation was an appropriate method for gathering further information about the sites archaeological potential. The body of data produced by this evaluation is considered sufficient to inform the planning and development process.

## 10.0 Project Archive

The site records, currently in the custody of PCAS, will be deposited with a printed copy of this report at the Suffolk County Stores, where it can be accessed using the unique HER event Number accession number ESF23240. A digital copy of this report will be uploaded to OASIS, where it will be accessible via the ADS website.

## 11.0 Acknowledgements

Pre-Construct Archaeological Services would like to thank The Barrow Heath Shooting Ground for this commission.

## 12.0 References

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<https://www.old-maps.co.uk/>

[http://www.suffolk.gov.uk/assets/suffolk.gov.uk/Libraries%20and%20Culture/Archaeology/2011\\_10\\_13\\_SCCAS\\_Trenched%20Archaeological%20Evaluation%20Requirements%202011%20Ver%201.1.pdf](http://www.suffolk.gov.uk/assets/suffolk.gov.uk/Libraries%20and%20Culture/Archaeology/2011_10_13_SCCAS_Trenched%20Archaeological%20Evaluation%20Requirements%202011%20Ver%201.1.pdf)

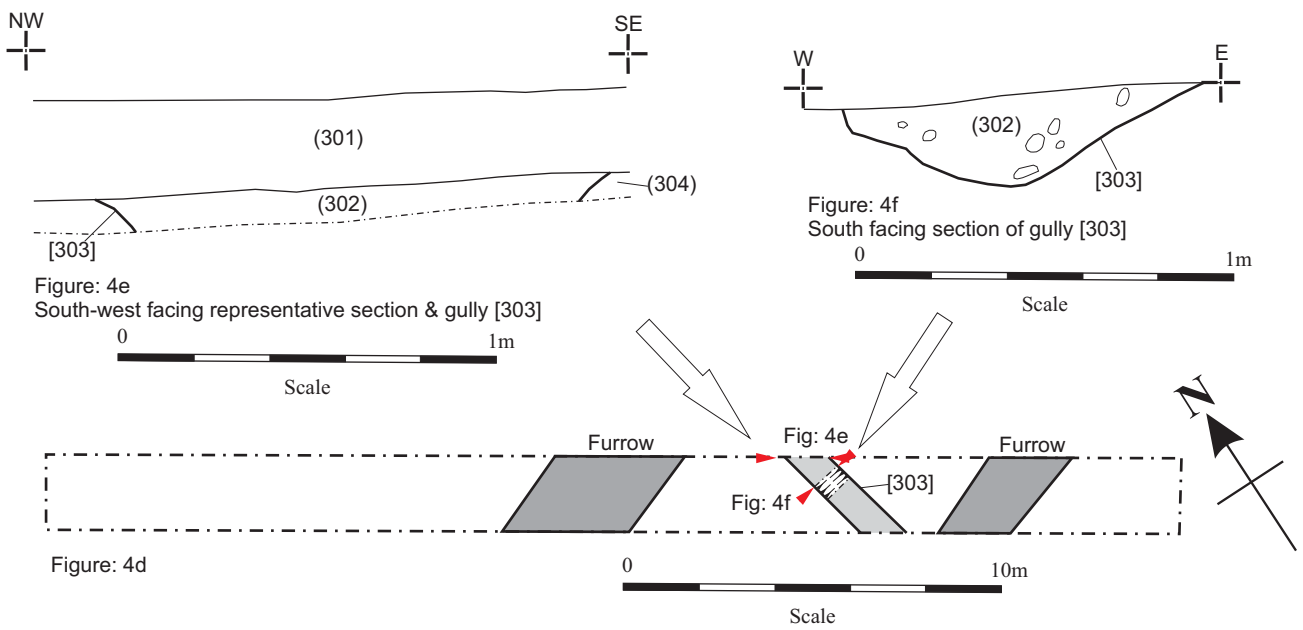
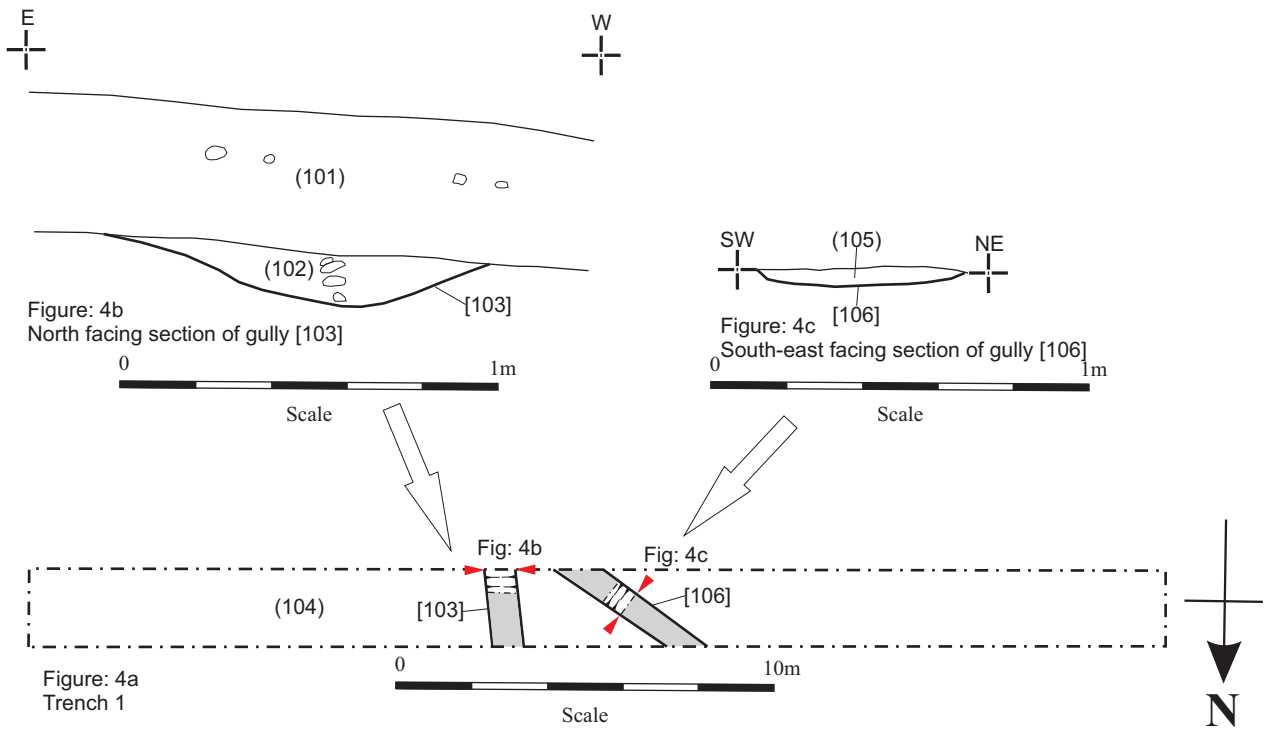


Figure:4  
Trench 1 & 3

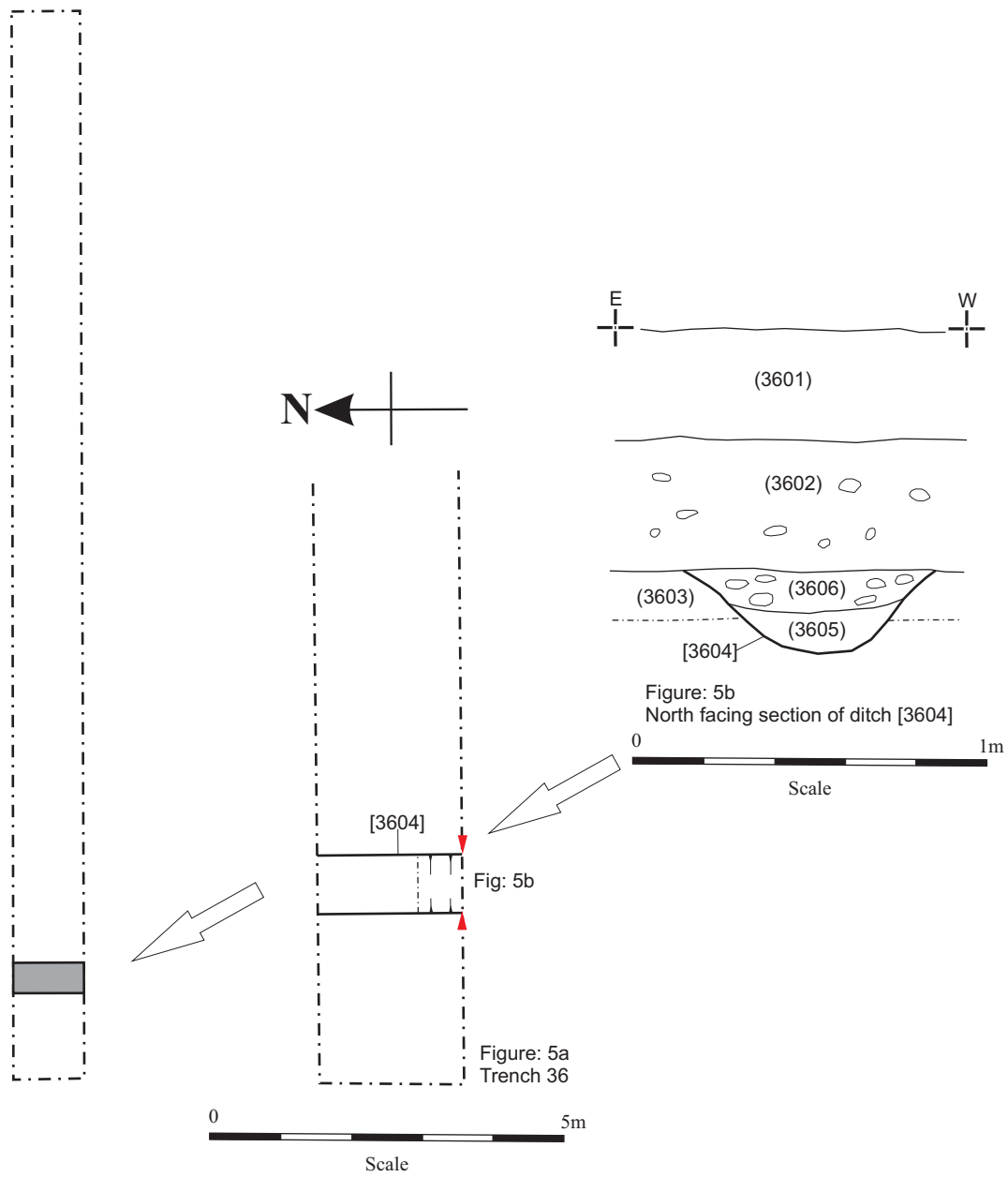


Figure:5  
Trench 36

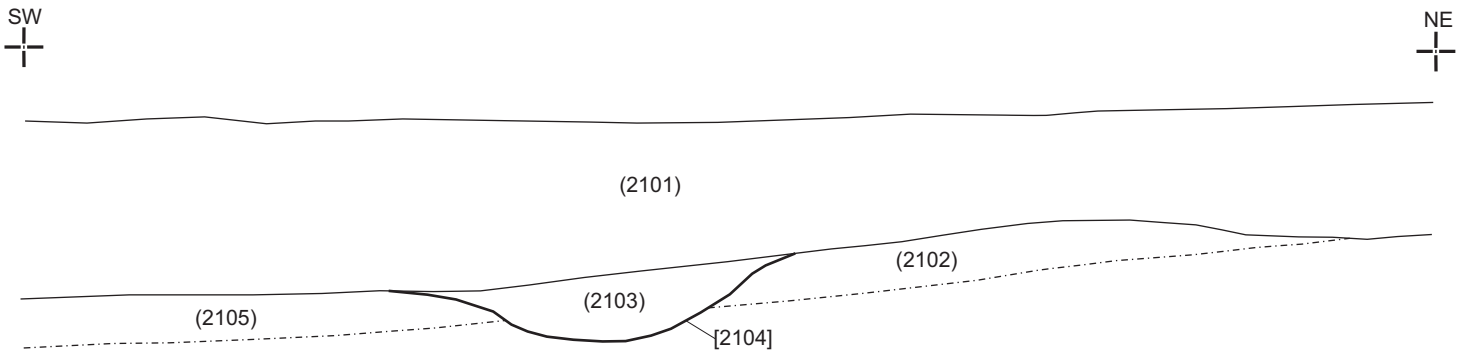


Figure: 6b  
South-east facing section of furrow [2104]  
in trench 21

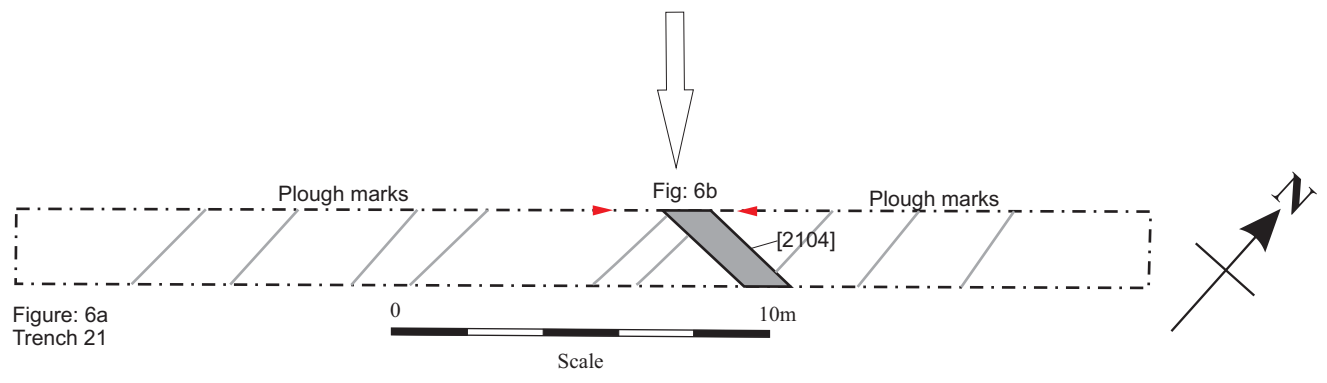


Figure: 6a  
Trench 21

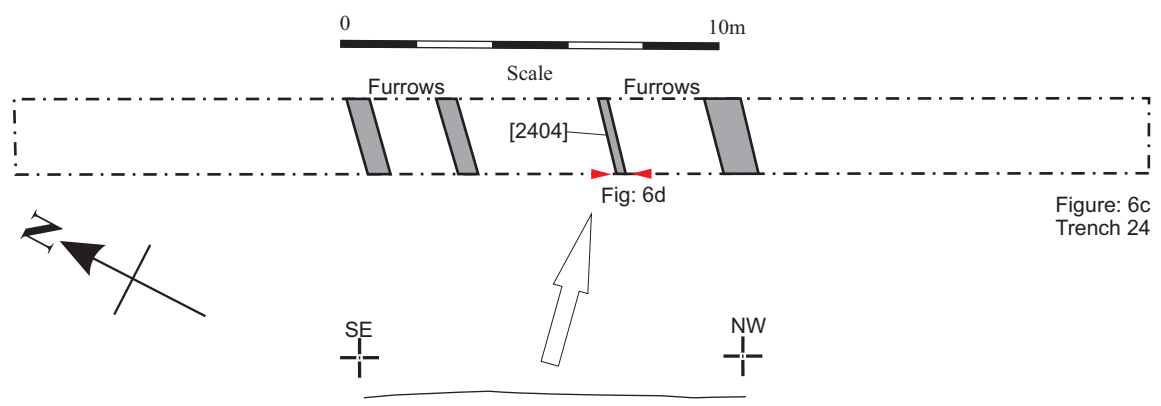


Figure: 6c  
Trench 24

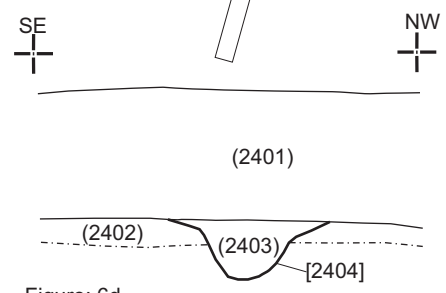


Figure: 6d  
North-east facing section of Furrow [2404] in trench 24

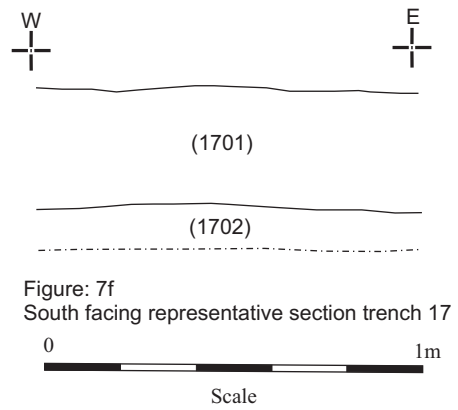
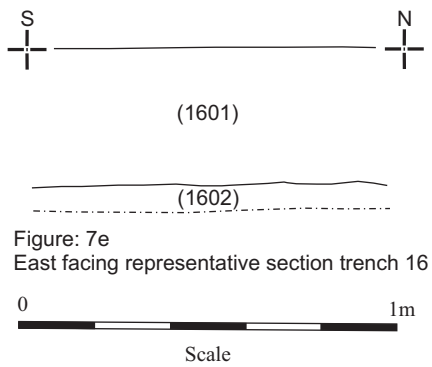
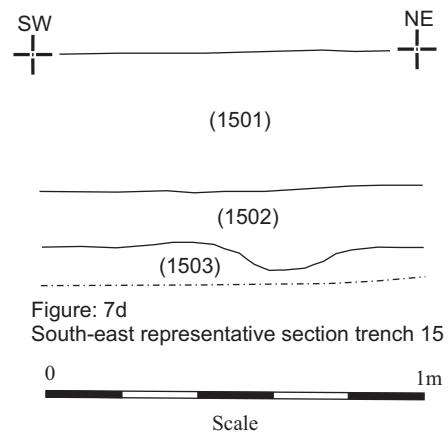
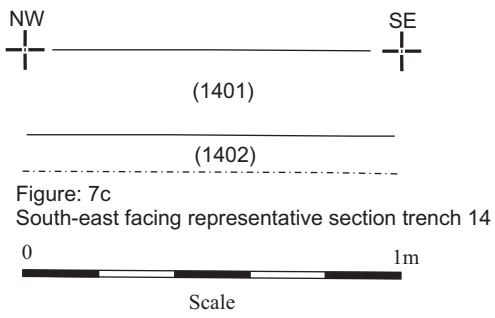
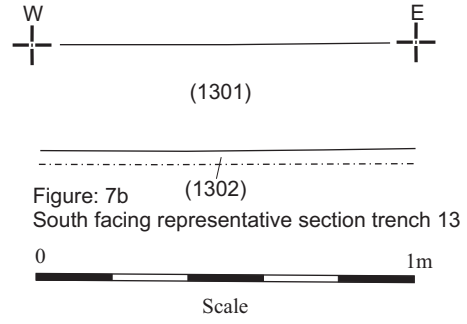
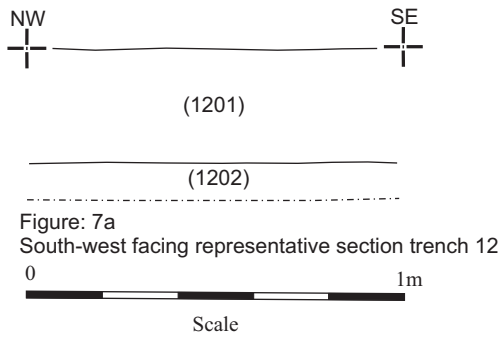


Figure: 7  
Trenches 12, 13, 14, 15, 16 & 17



**Plate 1:** Trench 36 looking west.



**Plate 2:** Ditch [3604] looking south.



**Plate 3:** Trench 1 looking east.



**Plate 4:** Ditch [103] looking south.



**Plate 5:** Gully/furrow [106] looking north-west.



**Plate 6:** Trench 3 looking north-west.



**Plate 7:** Ditch [303] looking north.



**Plate 8:** Trench 24 looking south-east.





**Plate 9:** Furrow [2404] looking south-west



**Plate 10:** Trench 21 looking west.



**Plate 11:** Furrow [2104] looking north-west

## Appendix 2: Context Summary

| Context No | Type  | Description                                  | Dimensions             |
|------------|-------|----------------------------------------------|------------------------|
| 101        | Layer | Mid grey-brown topsoil                       | 0.36m                  |
| 102        | Fill  | Red-brown silty sand, fill of [103]          | 0.14m                  |
| 103        | Cut   | North-south aligned ditch                    | Width 1m/depth 0.14m   |
| 104        | Layer | Natural chalk                                |                        |
| 105        | Fill  | Red-brown silty sand, fill of [106]          | Depth 0.05m            |
| 106        | Cut   | North-west to south-east aligned gully       | Width 0.6m/depth 0.05m |
| 201        | Layer | Mid grey-brown topsoil                       | 0.26m                  |
| 202        | Layer | Natural chalk                                |                        |
| 301        | Layer | Mid grey-brown topsoil                       | 0.28m                  |
| 302        | Fill  | Orange-brown silty sand, fill of ditch [303] | 0.24m thick            |
| 303        | Cut   | North-south aligned ditch                    | Width 0.7m/depth 0.24m |
| 304        | Layer | Natural chalk                                |                        |
| 401        | Layer | Mid grey-brown topsoil                       | 0.32m                  |
| 402        | Layer | Natural chalk                                |                        |
| 501        | Layer | Mid grey-brown topsoil                       | 0.28m                  |
| 502        | Layer | Natural chalk                                |                        |
| 601        | Layer | Mid grey-brown topsoil                       | 0.37m                  |
| 602        | Layer | Mid orange-brown silty sand subsoil          | 0.15m                  |
| 603        | Layer | Natural chalk                                |                        |
| 701        | Layer | Mid grey-brown topsoil                       | 0.35m                  |
| 702        | Layer | Mid orange-brown silty sand subsoil          | 0.15m                  |
| 703        | Layer | Natural chalk                                |                        |
| 801        | Layer | Mid grey-brown topsoil                       | 0.3m                   |
| 802        | Layer | Natural chalk                                |                        |
| 901        | Layer | Mid grey-brown topsoil                       | 0.3m                   |
| 902        | Layer | Natural chalk                                | 0.1m                   |
| 903        | Layer | Natural chalk                                |                        |
| 1001       | Layer | Mid grey-brown topsoil                       | 0.25m                  |
| 1002       | Layer | Mid orange-brown silty sand subsoil          | 0.15m                  |
| 1003       | Layer | Natural chalk                                |                        |
| 1101       | Layer | Mid grey-brown topsoil                       | 0.34m                  |
| 1102       | Fill  | Fill of furrow                               |                        |
| 1103       | Cut   | Furrow                                       | Width 0.5m             |
| 1104       | Layer | Natural chalk                                |                        |
| 1201       | Layer | Mid grey-brown topsoil                       | 0.3m                   |
| 1202       | Layer | Natural chalk                                |                        |
| 1301       | Layer | Mid grey-brown topsoil                       | 0.28m                  |
| 1302       | Layer | Natural chalk                                |                        |
| 1401       | Layer | Mid grey-brown topsoil                       | 0.24m                  |
| 1402       | Layer | Natural chalk                                |                        |
| 1501       | Layer | Mid grey-brown topsoil                       | 0.36m                  |
| 1502       | Layer | Mid orange-brown silty sand subsoil          | 0.14m                  |

|      |       |                                         |             |
|------|-------|-----------------------------------------|-------------|
| 1503 | Layer | Natural chalk                           |             |
| 1601 | Layer | Mid grey-brown topsoil                  | 0.34m       |
| 1602 | Layer | Natural chalk                           |             |
| 1701 | Layer | Mid grey-brown topsoil                  | 0.3m        |
| 1702 | Layer | Natural chalk                           |             |
| 1801 | Layer | Mid grey-brown topsoil                  | 0.3m        |
| 1802 | Layer | Natural chalk                           |             |
| 1901 | Layer | Mid grey-brown topsoil                  | 0.3m        |
| 1902 | Layer | Natural chalk                           |             |
| 2001 | Layer | Mid grey-brown topsoil                  | 0.28m       |
| 2002 | Layer | Natural chalk                           |             |
| 2101 | Layer | Mid grey-brown topsoil                  | 0.42m       |
| 2102 | Layer | Mid orange-brown silty sand subsoil     | 0.12m       |
| 2103 | Fill  | Orange-brown silty sand, fill of [2104] | 0.16m       |
| 2104 | Cut   | Furrow                                  | 0.92m wide  |
| 2201 | Layer | Mid grey-brown topsoil                  | 0.38m       |
| 2202 | Layer | Natural chalk                           |             |
| 2301 | Layer | Mid grey-brown topsoil                  | 0.24m       |
| 2302 | Layer | Natural chalk                           |             |
| 2401 | Layer | Mid grey-brown topsoil                  | 0.34m       |
| 2402 | Layer | Natural chalk                           |             |
| 2403 | Fill  | Fill of furrow                          | 0.06m thick |
| 2404 | Cut   | Cut for furrow                          |             |
| 2501 | Layer | Mid grey-brown topsoil                  | 0.22m       |
| 2502 | Layer | Natural chalk                           |             |
| 2601 | Layer | Mid grey-brown topsoil                  | 0.15m       |
| 2602 | Layer | Natural chalk                           |             |
| 2701 | Layer | Mid grey-brown topsoil                  | 0.34m       |
| 2702 | Layer | Mid orange-brown silty sand subsoil     | 0.2m        |
| 2703 | Layer | Natural chalk                           |             |
| 2801 | Layer | Mid grey-brown topsoil                  | 0.32m       |
| 2802 | Layer | Mid orange-brown silty sand subsoil     | 0.3m        |
| 2803 | Layer | Natural chalk                           |             |
| 2901 | Layer | Mid grey-brown topsoil                  | 0.32m       |
| 2902 | Layer | Mid orange-brown silty sand subsoil     | 0.3m        |
| 2903 | Layer | Natural chalk                           |             |
| 3001 | Layer | Mid grey-brown topsoil                  | 0.35m       |
| 3002 | Layer | Mid orange-brown silty sand subsoil     | 0.44m       |
| 3003 | Layer | Natural chalk                           |             |
| 3101 | Layer | Mid grey-brown topsoil                  |             |
| 3102 | Layer | Mid orange-brown silty sand subsoil     |             |
| 3103 | Layer | Natural chalk                           |             |
| 3201 | Layer | Mid grey-brown topsoil                  | 0.3m        |
| 3202 | Layer | Mid orange-brown silty sand subsoil     | 0.36m       |
| 3203 | Layer | Natural chalk                           |             |
| 3301 | Layer | Mid grey-brown topsoil                  | 0.3m        |
| 3302 | Layer | Mid orange-brown silty sand subsoil     | 0.28m       |
| 3303 | Layer | Natural chalk                           |             |
| 3401 | Layer | Mid grey-brown topsoil                  | 0.34m       |
| 3402 | Layer | Mid orange-brown silty sand subsoil     | 0.32m       |
| 3403 | Layer | Natural chalk                           |             |
| 3501 | Layer | Mid grey-brown topsoil                  | 0.33m       |
| 3502 | Layer | Mid orange-brown silty sand subsoil     | 0.28m       |

|      |       |                                                       |                      |
|------|-------|-------------------------------------------------------|----------------------|
| 3503 | Layer | Natural chalk                                         |                      |
| 3601 | Layer | Mid grey-brown topsoil                                | 0.32m                |
| 3602 | Layer | Mid orange-brown silty sand subsoil                   | 0.38m                |
| 3603 | Layer | Natural chalk                                         |                      |
| 3604 | Cut   | North-south aligned ditch                             | 0.7m wide/0.21m deep |
| 3605 | Fill  | Mid grey brown silt clay, basal fill of ditch [3604]  | 0.11m thick          |
| 3606 | Fill  | Mid grey brown silty sand, upper fill of ditch [3604] | 0.1m thick           |
| 3701 | Layer | Mid grey-brown topsoil                                | 0.3m                 |
| 3702 | Layer | Mid orange-brown silty sand subsoil                   | 0.31m                |
| 3703 | Layer | Natural chalk                                         |                      |
| 3801 | Layer | Mid grey-brown topsoil                                | 0.32m                |
| 3802 | Layer | Mid orange-brown silty sand subsoil                   | 0.23m                |
| 3803 | Layer | Natural chalk                                         |                      |
| 3901 | Layer | Mid grey-brown topsoil                                | 0.31m                |
| 3902 | Layer | Mid orange-brown silty sand subsoil                   | 0.21m                |
| 3903 | Layer | Natural chalk                                         | 0.1-0.3m             |
| 3904 | Layer | Natural chalk                                         |                      |
| 4001 | Layer | Mid grey-brown topsoil                                | 0.26m                |
| 4002 | Layer | Mid orange-brown silty sand subsoil                   | 0.31m                |
| 4003 | Layer | Natural chalk                                         |                      |

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**OASIS ID: preconst3-222905**

### Project details

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project name                           | Land at Barrow Heath Shooting Ground, Barrow, Suffolk: Archaeological Evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Short description of the project       | A programme of archaeological trial trenching was conducted on land at Barrow Heath Shooting Ground, Suffolk. Landscaping works to improve the acoustic screening for residents around the site is proposed in the southwest corner and along the access road to the existing shooting ground, with an application under preparation for submission to the local planning authority. The approximate central NGR of the site is TL 77660 65872. The site largely occupies a west facing slope on Barrow Heath, between Riseby and Barrow. To the north Bronze Age barrows and other funerary features along with scatters of artefacts have been identified during roadworks, and further scatters of prehistoric, Roman and Saxon artefacts have been recovered from the south facing slope of Barrow Heath. Geophysical survey of the site has identified mainly linear anomalies interpreted as medieval/post-medieval ridge and furrow occupying large parts of the site. A single possible ditch crossing the slope of the hill was also identified. Forty 20m trenches are positioned to investigate and confirm the results of the geophysical survey. Trenches avoided known services and existing structures on the site, and were targeted in those areas to be impacted by the landscaping proposals. The results of the evaluation proved mainly negative with only trenches 1, 3 and 36 revealing any archaeology in the form of three undated ditches and a gully. |
| Project dates                          | Start: 21-09-2015 End: 28-09-2015                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Previous/future work                   | No / Not known                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Any associated project reference codes | BSGE15 - Sitecode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Any associated project reference codes | 1536 - Contracting Unit No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Type of project                        | Field evaluation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Site status                            | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Current Land use                       | Other 14 - Recreational usage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Monument type                          | DITCHES Uncertain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Significant Finds                      | NONE None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Methods & techniques                   | ""Targeted Trenches""                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Development type                       | Landscaping                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Prompt                                 | National Planning Policy Framework - NPPF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Position in the planning process       | Pre-application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### Project location

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| Country          | England                                                                    |
| Site location    | SUFFOLK ST EDMUNDSBURY BARROW Land at Barrow Heath Shooting Ground         |
| Study area       | 14.5 Hectares                                                              |
| Site coordinates | TL 77660 65872 52.261824313193 0.603582272581 52 15 42 N 000 36 12 E Point |

### Project creators

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| Name of Organisation         | Pre-Construct Archaeological Services Ltd                             |
| Project brief originator     | Local Authority Archaeologist and/or Planning Authority/advisory body |
| Project design originator    | Pre-Construct Archaeological Services Ltd                             |
| Project director/manager     | Will Munford                                                          |
| Type of sponsor/funding body | Developer                                                             |

### Project archives

|                           |                                                                      |
|---------------------------|----------------------------------------------------------------------|
| Physical Archive Exists?  | No                                                                   |
| Digital Archive recipient | Suffolk County Store                                                 |
| Digital Contents          | "none"                                                               |
| Digital Media available   | "Images raster / digital photography"                                |
| Paper Archive recipient   | Suffolk County Store                                                 |
| Paper Contents            | "none"                                                               |
| Paper Media available     | "Context sheet", "Diary", "Drawing", "Photograph", "Plan", "Section" |

### Project bibliography 1

|                               |                                                       |
|-------------------------------|-------------------------------------------------------|
| Publication type              | Grey literature (unpublished document/manuscript)     |
| Title                         | Land at Barrow Heath Shooting Ground, Barrow, Suffolk |
| Author(s)/Editor(s)           | 'Sleap, J.'                                           |
| Other bibliographic details   | 1536                                                  |
| Date                          | 2015                                                  |
| Issuer or publisher           | Pre-Construct Archaeological Services Ltd             |
| Place of issue or publication | Pre-Construct Archaeological Services Ltd             |
| Entered by                    | Julian Sleap (julian@pre-construct.co.uk)             |
| Entered on                    | 6 November 2015                                       |

## OASIS:

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