



# A Middle Bronze Age enclosure and post-medieval activity on land west of Brandon Road, Swaffham, Norfolk

## Archaeological Excavation Report

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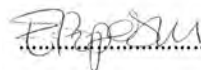




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# A Middle Bronze Age enclosure and post-medieval activity on land west of Brandon Road, Swaffham, Norfolk

## *Archaeological Excavation Report*

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### Contents

|  |           |
|--|-----------|
| List of Tables .....   | vi        |
| Summary.....   | vii       |
| Acknowledgements.....  | viii      |
| <b>1 INTRODUCTION .....</b>  | <b>1</b>  |
| 1.1 Scope of work.....   | 1         |
| 1.2 Location, topography and geology .....                             | 1         |
| 1.3 Archaeological and historical background .....                     | 1         |
| <b>2 EXCAVATION AIMS AND METHODOLOGY .....</b>                         | <b>3</b>  |
| 2.1 Aims.....  | 3         |
| 2.2 Site Specific Research Objectives.....                             | 3         |
| 2.3 Additional Research Objectives .....                               | 3         |
| 2.4 Fieldwork Methodology.....   | 3         |
| <b>3 RESULTS .....</b>   | <b>5</b>  |
| 3.1 Introduction and presentation of results.....                      | 5         |
| 3.2 General soils and ground conditions .....                          | 5         |
| 3.3 Phase 1: Middle Bronze Age (c. 1500-1100 BC).....                  | 6         |
| 3.4 Phase 2 – Post-medieval (AD 1500-1750).....                        | 8         |
| 3.5 Unphased ( <i>Fig. 5</i> ).....                                    | 11        |
| 3.6 Finds and environmental summary .....                              | 11        |
| <b>4 DISCUSSION .....</b>  | <b>13</b> |
| 4.1 Introduction.....  | 13        |
| 4.2 Middle Bronze Age Enclosure 533 and the surrounding landscape..... | 13        |
| 4.3 Post-medieval activity.....  | 14        |
| 4.4 Significance.....  | 15        |
| <b>5 PUBLICATION AND ARCHIVING .....</b>                               | <b>16</b> |

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|            |   |    |
|------------|---|----|
| 5.1        | Publication.....                        | 16 |
| 5.2        | Archiving, Retention and Dispersal..... | 16 |
| APPENDIX A | CONTEXT INVENTORY .....                 | 17 |
| APPENDIX B | FINDS REPORTS .....                     | 24 |
| B.1        | Flint.....                              | 24 |
| B.2        | Prehistoric Pottery.....                | 27 |
| B.3        | Glass .....                             | 29 |
| APPENDIX C | ENVIRONMENTAL REPORTS.....              | 31 |
| C.1        | Environmental Samples .....             | 31 |
| C.2        | Animal Bone .....                       | 33 |
| APPENDIX D | BIBLIOGRAPHY .....                      | 34 |
| APPENDIX E | RADIOCARBON DATE CERTIFICATE .....      | 36 |
| APPENDIX F | OASIS FORM.....                         | 38 |

## List of Figures

|        |  |
|--------|--|
| Fig. 1 | Site location map  |
| Fig. 2 | HER map with the Swans Nest Middle Bronze Age enclosure (after White 2019, Fig. 2) |
| Fig. 3 | All features plan  |
| Fig. 4 | Area 2   |
| Fig. 5 | Area 1   |
| Fig. 6 | Selected sections  |

## List of Plates

|         |   |
|---------|---|
| Plate 1 | Ditch <b>541</b> (Enclosure 533), Phase 1, looking south-east                                   |
| Plate 2 | Structure <b>503</b> , Phase 1, looking south-east  |
| Plate 3 | Pit <b>515</b> , Phase 1, looking north-east  |
| Plate 4 | Ditch <b>105</b> , Phase 2, looking west north-west   |
| Plate 5 | Ditch <b>119</b> , Phase 2, looking south south-west  |
| Plate 6 | Hayrick <b>136</b> , Phase 2, looking north-east  |
| Plate 7 | Quarry pit <b>123</b> (Pit group 113), Phase 2, looking south                                   |
| Plate 8 | Quarry pits <b>126</b> , <b>139</b> and <b>132</b> (Pit group 113), Phase 2, looking north-west |

## List of Tables

|         |   |
|---------|---|
| Table 1 | Quantification of the flint assemblage by context |
| Table 2 | Quantification of later prehistoric pottery       |
| Table 3 | Quantification of pottery by period               |
| Table 4 | Quantification of pottery by fabrics              |
| Table 5 | Catalogue of prehistoric pottery                  |
| Table 6 | Environmental samples from Brandon Road           |

## Summary

From 17th November to 11th December 2020 Oxford Archaeology East conducted an archaeological excavation at land west of Brandon Road, Swaffham, Norfolk (TF 8183 0725). Two areas were excavated within the development area, and features were recorded dating to the Middle Bronze Age and post-medieval periods.

Area 2 was located in the western part of the development area and revealed a Middle Bronze Age enclosure ditch with associated pits and post-holes. A small quantity of prehistoric pottery and worked flint was recovered from these features and a radiocarbon date on charcoal from the fill of the enclosure ditch yielded a date of 1503 to 1423 cal. BC. Area 1, in the eastern part of the site, revealed ditches, an area of quarry pitting and the remains of a probable hayrick, all dating to the post-medieval period. Very few finds were recovered from the features in Area 2, but the recovery of two shards of post-medieval glass from these features, combined with their location immediately to west of the Brandon Road, confirms a post-medieval date.

Prehistoric pottery spanning the Middle Bronze Age to Middle Iron Age period was recovered in small quantities alongside worked flint, post-medieval glass and a single fragment of animal bone. Some of these finds were recovered from the evaluation phase of work. Preservation of plants remains was poor with only three samples yielding sparse charred cereal grains.

The features identified at the site make a significant contribution to a growing understanding of the surrounding landscape during the Middle Bronze Age period, as well as providing evidence for post-medieval activity.

## Acknowledgements

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The project was managed for Oxford Archaeology by Pat Moan. The fieldwork was directed by Kathryn Blackbourn, who was supported by Neal Mason, Rory Coduri, Jenn Hulse and Ioannis Thanos. Survey and digitising was carried out by Valerio Pinna. Thanks are also extended to the teams of OA staff that cleaned and packaged the finds under the supervision of Natasha Dodwell, processed the environmental remains under the supervision of Rachel Fosberry.



## 1 INTRODUCTION

### 1.1 Scope of work

- 1.1.1 Oxford Archaeology East (OAE) was commissioned by Abel Homes to undertake an excavation at land west of Brandon Road, Swaffham, Norfolk (Fig. 1; TF 81830 07250).
- 1.1.2 The work was undertaken as a condition of Planning Permission (planning ref. 3PL/2017/1487/O). A brief was set by John Percival outlining the Local Authority's requirements for work necessary to inform the planning process. A written scheme of investigation was produced by OAE (Moan 2020) detailing the methods by which OA proposed to meet the requirements of the brief.
- 1.1.3 The site archive is currently held by OA and will be deposited with the appropriate county stores under the Site Code ENF150323 in due course.

### 1.2 Location, topography and geology

- 1.2.1 The bedrock geology of the site is chalk of the Lewes Nodular, Seaford, Newhaven, and Culver Chalk Formations. These are overlain by superficial deposits of diamicton belonging to the Lowestoft formation (British Geological Survey Geology of Britain Viewer: <https://mapapps.bgs.ac.uk/geologyofbritain/home.html>; accessed 16/12/20).
- 1.2.2 The site is currently an area of arable farmland totalling 10.5ha, bounded by Brandon Road to the east, residential housing to the north and farmland to the west and south. A small copse of woodland is located in the south-western part of the field.
- 1.2.3 An aviation fuel line passes through the centre of the site. The excavation areas are both located at least 50m away from this service.

### 1.3 Archaeological and historical background

- 1.3.1 The archaeological and historical background of the site is based on a 1km search of the Norfolk Historic Environment Record (NHER; see Fig. 2 for the location of selected records), supplemented by information from available historic maps and other documentary evidence as outlined in the WSI (Moan 2020).

#### *Previous work*

- 1.3.2 A magnetometer survey was undertaken on the site which produced negative results with no archaeological features identified (Harris 2020).
- 1.3.3 In May 2020 an archaeological evaluation was conducted at the site, consisting of the excavation of 28 trenches (Richardson 2020). This work largely identified linear features containing very few finds, although they were considered likely to be of prehistoric date. Of note was the presence of a small ring ditch in the eastern part of the site which was considered to represent a possible roundhouse ring gully. A ditch recorded towards the southern part of the site produced pottery of Late Iron Age/Early Roman date from its upper fill.

#### *Prehistoric*

- 1.3.4 A number of features provisionally dated to the prehistoric period were identified during initial trial trenching immediately to the east of Brandon Road and the current site (NHER 41938). An excavation later took place at the site and revealed a pit containing Late Bronze Age to Early Iron Age worked flint. The small quantity of prehistoric finds recovered from features during the trial trenching were found to occur residually within Roman features (see below).
- 1.3.5 A further area to the north of these excavations has also been subject to several phases of archaeological works (NHER 57850). A geophysical survey of the site identified a double ditched enclosure thought to be of Bronze Age date. Fieldwalking of the site revealed a number of worked flints, including a burin, core, a number of blades and flakes and scrapers of Mesolithic and Early Neolithic date. Upon excavation the double ditched enclosure was uncovered alongside associated post-holes and pits and has been securely dated to the Middle Bronze Age (with a later phase of use/refurbishment in the earlier Iron Age) whilst some earlier remains including an Early Neolithic pit cluster were also revealed (White 2019).
- 1.3.6 Work carried out approximately 830m to the north-east of the site recorded a small quantity of worked flint dating to the Late Neolithic to Bronze Age period (NHER 60567).

### ***Roman***

- 1.3.7 The excavation to the east of the site (NHER 41938) revealed a rectangular field/enclosure system alongside pits, post-holes, a single quarry pit and a corn dryer containing few finds (pottery, CBM and fired clay) dating to the Roman period. These features are thought to represent peripheral activity on the edge of a settlement located further to the east.
- 1.3.8 A find spot of Roman pottery is recorded just 580m east of the site (NHER 2677) and a single sherd of Roman pottery was also recorded 830m to the north-east (NHER 60567). A Roman coin depicting emperor Maximian I (AD 308-9) was recovered 550m to the west of the site (NHER 25407).

### ***Medieval***

- 1.3.9 A medieval coin was recovered at the site location via metal detecting in 2006 (NHER 44373).
- 1.3.10 The site area lies just over 1km south of the main High Street of Swaffham. The town contains several listed buildings including 19th century shops, some of which were built upon 15th to 16th century buildings (NHER 1029, not illustrated). Activity south of the high street appears limited.

### ***Post-medieval***

Two quarry pits, dating to the post-medieval period were identified approximately 850m north-east of the site (NHER 57850; White 2019). These pits were thought to have later been re-used as ponds.

## 2 EXCAVATION AIMS AND METHODOLOGY

### 2.1 Aims

2.1.1 The project aims and objectives were as follows:

- To determine or confirm the general nature of any remains present.
- To determine or confirm the approximate date or date range of any remains, by means of artefactual or other evidence.
- To investigate the origins, date, development, phasing, spatial organisation, character, function, status, and significance of the remains revealed.
- To place any archaeological features in their local, regional and national archaeological context.

### 2.2 Site Specific Research Objectives

2.2.1 Based on the results of the evaluation and the recommendations of the brief, more specific aims and research questions can be formulated:

- To aid in the identification and dating of the field system revealed within the trial trenching.
- To further excavate and analyse the potential round house gully identified during trial trenching.
- To situate the remains within their landscape context (i.e. association with other nearby known sites).

### 2.3 Additional Research Objectives

2.3.1 It is considered that all of the original aims and objectives of the excavation stated above could be met through the analysis of the excavated materials.

2.3.2 The analysis process also identified new objectives drawn from national (English Heritage 1997) and regional (Medlycott 2011) research assessments and agendas. These are outlined below:

- 'Examination of the inter-relationships between [Bronze Age] settlements, together with variation and changes in settlement types, offers considerable potential to explore the social changes taking place' (Medlycott 2011, 20).
- 'Testing the David Yates model for late Bronze Age settlement and field systems would also be of considerable interest. Linked to this, the apparent scarcity of Middle Bronze Age settlement evidence needs examination' (*ibid.*).

### 2.4 Fieldwork Methodology

2.4.1 The methodology used followed that outlined in the brief (Percival 2020) and detailed in the Written Scheme of Investigation (Moan 2020).

- 2.4.2 Machine excavation was carried out by a 20 tonne 360 excavator using a 2m wide flat-bladed ditching bucket under constant supervision of a suitably qualified and experienced archaeologist.
- 2.4.3 Spoil, exposed surfaces and features were scanned with a metal detector. All metal-detected and hand-collected finds were retained for inspection, other than those which were obviously modern.
- 2.4.4 All archaeological features and deposits were recorded using OA's pro-forma sheets. Plans and sections were recorded at appropriate scales and colour and monochrome photographs were taken of all relevant features and deposits.
- 2.4.5 Site survey was conducted using a Leica GS08 GPS system and photogrammetry was undertaken by a drone.
- 2.4.6 Samples were taken from a wide variety of features across all phases of activity, including ditches, pits, post-holes and a hayrick across all phases of activity.
- 2.4.7 Ground conditions were poor throughout the excavation. Machine stripping proved difficult due to the saturated ground across both Areas A and B. As a result, topsoil and the small amount of subsoil present had to be excavated as one rather than separated. Heavy rain caused the water table to heighten, leading to some features being augered to identify their base. Part of Area 2 became flooded, however no features were present in this part of the site.

## 3 RESULTS

### 3.1 Introduction and presentation of results

- 3.1.1 The results of the excavation are presented below and include a stratigraphic description of the archaeological remains. Features are described below by phase and by area and, where possible, features have been assigned to groups. Features identified and excavated during the evaluation phase have been included within this report where finds were recovered, these are marked by an 'E' after the context number.
- 3.1.2 A full list of all the features and deposits excavated can be found in Appendix A which includes details of their phasing and feature groups. Groups are generally referred to by the lowest cut/intervention number within the group. Feature/intervention (cut) numbers in the text are rendered in **bold** type throughout the report. Finds and environmental remains are mentioned in the text, with a brief summary at the end of the results section. Full specialist reports are presented in Appendices B and C.
- 3.1.3 The excavation and evaluation revealed features from two phases of activity covering the Middle Bronze Age and post-medieval periods (Fig. 3). A Middle Bronze Age enclosure and associated features were recorded within Area 2, yielding small quantities of prehistoric pottery and worked flint. During the evaluation phase of work, a single ditch was recorded in the south-east corner of the development area, this ditch has also been tentatively dated to the Middle Bronze Age, although Late Iron Age/Early Roman pottery was recovered from its upper fill. Features identified in Area 1 consisted of boundary and enclosure ditches alongside an area of quarry pitting and a hayrick, all dated to the post-medieval period. A small number of features within Area 1 remain unphased.
- 3.1.4 The phases are listed below:
- Phase 1: Middle Bronze Age (c. 1550-1100 BC)
  - Phase 2: Post-medieval (AD 1500-1900)
  - Unphased Features

### 3.2 General soils and ground conditions

- 3.2.1 The natural geology varied between the two excavated areas. Within Area 1 the geology (102) consisted of a mixed orange yellow white sand with chalk patches and occasional flint inclusions. The geology within Area 2 (502) consisted of a light orange yellow sandy clay. The geology in both areas was overlain by a mid orange brown sandy clayey silt subsoil (101 and 501 respectively), measuring roughly 0.1m to 0.3m thick. This was in turn overlain by a dark grey brown clayey silt topsoil (100 and 500 respectively) which measured 0.3m thick.
- 3.2.2 Ground conditions throughout the excavation were poor, as the ground was saturated prior to the work starting. Heavy rain during the excavation worsened the site conditions with many of the features filling with water. Archaeological features, where present, were easy to identify against the underlying natural geology.

### 3.3 Phase 1: Middle Bronze Age (c. 1500-1100 BC)

3.3.1 All of the features within Area 2 have been attributed to this Phase 1 (Middle Bronze Age) due to the presence of pottery within a number of the features' fills and the assumption that all of the features were contemporary with the L-shaped enclosure ditch which has produced the most secure dating evidence. As well as the enclosure ditch, ten pits and six post-holes were present (Fig. 4). Trench 28 excavated during the evaluation phase of work has also been dated to this phase.

#### **Area 2 (Fig. 4)**

##### *Enclosure 533*

3.3.2 Enclosure **533** was formed by an L-shaped ditch, extending on a north-east to south-west direction for approximately 27m before turning eastwards at its northern end to follow a west-north-west to east-south-east alignment and extending for 55m before terminating. Ditch **533** (=537=541=544=548=552=558=559=1006E=1108E) measured between 1.4m to 2.24m wide and 0.56m to 0.86m deep with steeply sloping sides and a concave base (Fig. 6, Sections 141, 152 and 154; Plate 1).

3.3.3 In the majority of cases this ditch contained three fills, with the exception of ditch terminus **558** (four fills) and intervention **1006E** (two fills). The basal fill, 534 (=538=545=549=553=561=567=1109E), consisted of a light yellow grey to mottled mid orange brown grey silty clayey sand and measured between 0.1m to 0.38m thick. This fill contained a single flint flake. Overlying this was secondary fill 535 (=539=542=546=550=555=560=1110E), which measured between 0.24m and 0.69m thick and consisted of a mid grey brown to orange grey brown silty sand or clayey silt with charcoal inclusions that contained two worked flints and two sherds (4g) of Late Bronze Age pottery. The uppermost fill 536 (=540=543=547=551=557=562=1111E) measured between 0.2m to 0.48m thick and consisted of a dark brown grey or grey brown clayey silt that contained eight worked flints and a single burnt flint (121g) and a single tiny sherd (1g) of Late Bronze Age pottery. A fragment of charcoal from fill 540 (cut **547**, see Fig. 6, Section 152) returned a radiocarbon date of 1503 to 1423 cal. BC (95.4% probability; SUERC-96528; 3192±24; App. E).

3.3.4 Ditch terminus **558** contained four fills. The basal fill (563) measured 0.24m thick and consisted of a light orange grey silty sand, overlying which was a mid grey brown silty sand with charcoal inclusions (564), which measured 0.46m thick. This was in turn overlain by a light reddish grey silty sand (565) which measured 0.54m thick. The uppermost fill (566) was 0.18m thick and consisted of a dark grey clayey silt. No finds were recovered from any of these deposits

3.3.5 Intervention **1006E** was excavated during the evaluation (Richardson 2020, 13) and contained only two fills. The basal fill (1005E) measured 0.6m thick and consisted of a greyish blue sand. Overlying this was fill 1004E which measured 0.2m thick and consisted of a dark grey brown silty sand that produced two worked flints.

3.3.6 Four bulk samples were taken from the fills of the enclosure ditch, however none yielded any remains aside from small volumes of charcoal (See App. C.1).

### *Post-built structure 503*

3.3.7 A group of six post-holes were identified 11m south-east of ditch terminus **533**. These post-holes formed a structure that was rectangular in plan and covered an area measuring 4m north-west to south-east and 2m north-east to south-west (Plate 2). The post-holes themselves (**503**, **505**, **507**, **509**, **511** and **513**) were circular in plan and measured between 0.2m to 0.33m in diameter and 0.06m to 0.16m deep, with steep sides and slightly concave bases (Section 105, Fig. 6). They each contained single fills (504, 506, 508, 510, 512 and 514) of dark brown grey silty clays with rare charcoal inclusions. Fill 514 contained two burnt flints (57g) and an environmental sample of fill 504 (posthole **503**) yielded a single fragmentary charred cereal grain.

### *Pits*

3.3.8 Ten shallow circular/sub-circular pits were identified in association with enclosure **533**, although they produced few finds and their function remains unknown. Nine of the pits were located within the enclosure and a single pit (**519**) lay immediately north of the ditch. This pit measured between 0.48m wide and 0.15m deep with steep sides and a concave base (Section 108, Fig. 6) and contained a single fill (520) which consisted of a mid brown grey clayey silt.

3.3.9 Approximately 10m to the south-west and within the enclosure ditch was pit **523** which measured 0.65m in diameter and 0.1m deep, with gently sloping sides and a concave base. Its single fill (524) consisted of a mid brown grey clayey silt.

3.3.10 To the south of this was pit **517**, which measured 0.34m wide and 0.1m deep with steep sides and a concave base, its single fill (518) comprised a mid brown grey clayey silt and contained a single sherd (7g) of Middle Bronze Age pottery. To the south-west, another pit, **521**, measured 0.4m wide and just 0.05m deep with a slightly concave base. Its single fill (522) consisted of a mid grey brown clayey silt.

3.3.11 Roughly 6m to the south-east were two further pits; pit **525** measured 0.44m wide and 0.13m deep with sloping sides and a slightly concave base. Its single fill (526) comprised a mid to dark brown grey clayey silt. Pit **515** measured 1.1m wide and 0.16m deep also with sloped sides and a slightly concave base (Plate 3). Its single fill (516) consisted of a mid grey brown clayey silt.

3.3.12 To the south-east was pit **527** which measured 0.7m wide and 0.13m deep with sloped sides and a slightly concave base. Its single fill (528) consisted of a mid brown grey clayey silt. Approximately 9m to the east was pit **529** which measured 0.6m wide and 0.4m deep with vertical sides and a concave base (Section 151, Fig. 6). Its single fill (530) comprised a mid brown grey clayey sandy silt with occasional stone, flint and charcoal inclusions. An environmental sample of this fill identified a single charred cereal grain of free-threshing wheat which is likely to be intrusive.

3.3.13 Pit **531** was located roughly 9m south-west of ditch terminus **558** and measured 0.7m wide and 0.12m deep with gently sloping sides and a concave base. Its single fill (532) consisted of a mid grey brown clayey silt.

3.3.14 During the evaluation phase of work, pit **1105E** was uncovered at the southern end of Trench 11, subsequently on the southern edge of Area 2 (Richardson 2020, 13). The pit measured 0.92m wide and 0.23m deep and contained two fills. The basal fill

(1107E) measured 0.04m thick and consisted of a grey brown silt, overlying this was fill 1106E which measured 0.19m thick and contained a single worked flint and a single sherd (12g) of Middle Bronze Age pottery.

### **Trench 28 (Fig. 3)**

- 3.3.15 During the evaluation a single ditch (**2806E**) was recorded in Trench 28 (Fig. 3) within the south-east corner of the development area (Richardson 2020). This ditch had a north-east to south-west alignment and measured 2m wide and 0.8m deep (*ibid.* 17). Two fills were recorded, the basal fill (2805E) measured 0.36m thick and consisted of a mid grey brown silty sand. Overlying this was fill 2804E which measured 0.44m thick and consisted of a light brown grey silty sand that contained eight worked flints and 27 sherds (121g) of Early Iron Age pottery, which was previously identified during the evaluation as being of a Late Iron Age to Early Roman date.

## **3.4 Phase 2 – Post-medieval (AD 1500-1750)**

No features dating to the post-medieval period were uncovered in Area 2, however within Area 1 an area of quarry pitting as well as ditches and a possible hayrick have been attributed to this phase (Fig. 5).

### **Area 1**

#### *Ditch group 103*

- 3.4.1 Ditch group **103** comprises two ditches (**103** and **111**), which probably formed field boundaries. Ditch **103** (=105=107) was on a roughly west north-west to east south-east alignment and extended for some 42m from the western limit of excavation before terminating. The ditch measured between 0.75m and 1m wide and from 0.25m to 0.4m deep, with moderately to steeply sloping sides and a concave base (Section 101, Fig 6; Plate 4). Its single fill (104, 106, 108) consisted of a mid grey orange brown clayey sand. Just 2m east of where this ditch terminated was ditch **111** (=115=121), which extended across the entire area on a slightly north-north-east to south-south-west alignment. The ditch measured from 0.5m to 2.6m wide and 0.05m to 0.36m deep, with gently sloping sides and a concave base (Section 121, Fig. 6). Its single fill (112=116=122) consisted of a mid brown silty sand and contained a fragment of glass dating to the 18th century AD.

#### *Ditch 117*

- 3.4.2 On the eastern edge of the excavation area was ditch **117** (=119=134=175) on a similar alignment to ditch **111** (close to north-south). This ditch measured between 1.31m and 2.32m wide and from 0.28m to 0.4m deep, with gently sloping sides and a slightly concave base (Fig. 6, Section 111; Plate 5). Its single fill (118=120=135=176) consisted of a mid brown grey or grey brown silty sand that contained two worked flint flakes, two sherds (13g) of Middle Iron Age pottery, a single sherd (15g) of Late Bronze Age pottery and a single sherd (7g) of Early Iron Age pottery.

#### *Ditch 2507*

- 3.4.3 During the evaluation a 'ditch' (**2507E**) was identified at the eastern end of Trench 25 (Richardson 2020, 16). However, the excavation revealed that this feature probably



corresponds with a quarry pit (**164**, see below). The feature was recorded as measuring 3m wide and 0.5m deep. Its single fill (2506E) consisted of a dark grey silty sand that contained a fragment (6g) of medium mammal bone and a shard of glass (11g) dated to the 19th century.

#### *Hayrick 136*

- 3.4.4 In the north-west corner of Area 1 was possible hayrick **136** which, due to a combination of poor ground conditions and the area having been previously investigated during the trenching was poorly preserved, leading to it being excavated in its entirety. Formed of shallow lengths of curvilinear gully giving a roughly circular form in plan it measured 6.7m (north to south) by 6m (east to west) with a potential 'true' opening present on its south-east side (Plate 6). The hayrick's gully measured 0.8m wide and 0.2m deep with sloped sides and a slightly concave base (Section 130, Fig. 6). Its single fill (137) was a light to mid grey brown silty sand. Further detail on its excavation during the evaluation can be found in the evaluation report (Robinson 2020).

#### *Quarry pit group 113*

- 3.4.5 An area of quarry pitting measuring approximately 40m by 36m was exposed in the eastern part of the site. This group was made up of a total of 25 quarry pits, excavated for the extraction of flint, sand or patches of chalk within the natural geology. Where possible these pits were excavated to a depth of 1.2m and where the bases were not reached they were then augered to establish their full depth.
- 3.4.6 Exposed against the northern edge of the excavation area was pit **155** which measured 5.85m by 4.4m across. A 1m x 1m test pit was excavated into the centre of this pit which revealed it to be 0.7m deep. Its single fill (156) consisted of a light to mid brown grey silty sand and an environmental sample produced a single charred cereal grain.
- 3.4.7 Approximately 9m to the south-east was pit **123**, which measured 5.9m by 3.88m across and 0.95m deep, with gently sloping sides and a concave base (Plate 7). The pit contained two fills. The basal fill (124) measured 0.65m thick and consisted of a mid brown silty sand. Overlying this was a mid yellow brown silty sand (125) which measured 0.3m thick.
- 3.4.8 Immediately to the south was pit **166**, which measured 6m by 2.98m and 0.64m deep with sloping sides and a concave base. Its single fill (167) consisted of a mid brown silty sand. Further south again was a very large circular pit (**164**) which measured 8.3m by 7.9m and 0.46m deep with sloped sides and a concave base. Its single fill (165) comprised a dark brown grey silty sand.
- 3.4.9 To the east of pit **164**, and east of ditch **117**, were two smaller intercutting quarry pits (**171** and **173**). Pit **171** measured 0.76m wide and 0.48m deep, with steep sides and a concave base. Its single fill (172) consisted of a dark grey brown silty sand, which was cut by pit **173**. This later pit measured 2.06m wide and 0.5m deep with steep sides and a concave base; its single fill (174) comprised a mid brown silty sand.
- 3.4.10 Immediately to the east of ditch **111** was a group of three intercutting pits (**126**, **129** and **132**; Plate 8). Pit **126** measured 3.2m wide and 1.2m deep with steep sides and a slightly concave base. This pit contained two fills; the basal fill (127) measured 0.78m

thick and consisted of dark brown grey silty sand and contained a single piece of worked flint. Overlying this was fill 128, a 0.42m thick mid grey brown silty sand. To the east, pit **132** measured 1m wide and 0.93m deep with vertical sides and a flat base. Its single fill (133) was a dark brown grey silty sand. Both these pits were truncated by pit **129**. This feature measured 3.98m wide and 0.96m deep with moderately steeply sloping sides and a concave base (Section 113, Fig. 6). Its basal fill (130) measured 0.55m thick and consisted of a mid to dark grey brown silty sand that contained two burnt flints (23g); this was overlain by fill 131 which measured 0.41m thick and comprised a mid grey brown silty sand.

- 3.4.11 Just to the south of these features was pit **140**, which measured 5.1m by 3.8m across and 1m deep, with steep sides and a flat base. This pit contained three fills, a basal fill of dark grey brown silty sand (141), overlain by a mid brown grey silty sand (142) and capped by a light to mid brown grey silty sand (143). This pit was truncated by a smaller pit (**198**) which measured 3.4m wide and 0.9m deep, with steep sides and a concave base. Its basal fill (145) measured 0.28m thick and was a mid brown grey silty sand; this was overlain by a mid brown grey silty sand with medium stone inclusions (146). The pit's uppermost fill (144=147) measured 0.53m thick and was a light to mid brown grey silty sand.
- 3.4.12 To the east of pit **140**, a small circular pit (**162**) was exposed, measuring 1.6m wide and 0.24m deep with steeply sloping sides and a concave base. Its single fill (163) consisted of a mid brown grey silty sand.
- 3.4.13 Roughly 4.5m to the south-west were four intercutting pits. Pit **148** measured 1m wide and 0.21m deep with sloping sides and a concave base. Its single fill (149) consisted of a mid grey brown silty sand. Pit **150** measured 0.86m wide and 0.25m deep with gently sloping sides and a concave base. Its single fill (151) consisted of a mid to dark brown grey silty sand. Both of these pits were truncated by pit **159**, which measured 2.9m wide and 0.55m deep with steeply sloping sides and a concave base. This pit contained two fills, the basal fill (160) measured 0.28m thick and consisted of a mid brown grey silty sand. This was overlain by fill 161 which measured 0.27m thick and was a light to mid brown grey silty sand. Pit **150** was also truncated by pit **152** which measured 1m wide and 0.17m deep with sloping sides and a concave base, its single fill (153) consisted of a light to mid brown grey silty sand.
- 3.4.14 A small number of quarry pits were located to the west of ditch **111**. Pit **113** measured 5.1m by 4.1m and 0.64m deep with steep sides and a concave base. Its single fill (114) consisted of a mid grey brown silty sand. Immediately west of this was pit **189** which measured 2.18m wide and 0.66m deep with gently sloping sides and a concave base. Its single fill (190) consisted of a mid brown silty sand.
- 3.4.15 Approximately 10m to the south were four further intercutting pits. Pit **195** (=185) measured 2.6m in diameter and 0.59m deep with steep sides and a concave base and contained two fills (Section 156, Fig. 6). Its basal fill (197) was 0.2m thick and consisted of a dark brown grey silty sand; this was overlain by fill 196 (=186) which measured 0.37m thick and was a mid brown grey silty sand. This feature was later cut by three pits (**193**, **181** and **187**). Pit **193** (=183) measured 1m wide and 0.3m deep with sloped sides and a concave base (Section 156, Fig. 6), its single fill (194=184) consisted of a

mid grey brown silty sand. Pit **187** measured 0.7m wide and 0.36m deep with very steep sides and a concave base. It contained two fills, the basal fill (188) measured 0.13m thick and consisted of a mid grey brown silty sand; overlying this was fill 192 which measured 0.23m thick and consisted of a mid brown grey silty sand. Pit **181** measured 1.64m wide and 0.38m deep with sloped sides and a concave base (Section 156, Fig. 6). Its single fill (182) consisted of a mid brown grey silty sand.

### 3.5 Unphased (Fig. 5)

- 3.5.1 A small number of features within Area 1 remain unphased due to containing no finds and having no relationship to dated features on the site.
- 3.5.2 Pit **109** was located along the northern limits of excavation and was circular in plan, measuring 0.5m across and just 0.05m deep, with a slightly concave base. Its single fill (110) consisted of a mid orange brown clayey sand.
- 3.5.3 In the centre of Area 1 was pit **138**; it had a slightly irregular oval shape in plan and measured up to 0.75m wide and 0.39m deep, with vertical irregular sides and a concave irregular base. Its single fill (139) consisted of a dark grey brown silty sand with charcoal inclusions. Roughly 25m to the south-west was pit **157**, circular in plan and measuring 1.92m wide and 0.29m deep with steeply sloping sides and a concave base. Its single fill (158) consisted of a mid brown silty sand.
- 3.5.4 A small portion of ditch was identified between Phase 2 quarry pits **164** and **166** although a relationship could not be identified between these features. Ditch **168** had a north north-east to south south-west alignment and measured 1.36m wide and 0.46m deep with sloped sides and a concave base. Its single fill (169) consisted of a mid grey brown silty sand.
- 3.5.5 Immediately east of ditch **175** was a possible post-hole (**177**) which measured 0.25m wide and 0.05m deep with gently sloped sides and a concave base. Its single fill (178) consisted of a dark grey silty sand.

### 3.6 Finds and environmental summary

- 3.6.1 A total of 25 worked and five burnt flints (201g) were recovered from the evaluation and excavation. The worked flint assemblage consists of ten complete flakes, seven broken flakes, one piece of irregular waste and seven retouched flakes including an expediently produced scraper. These flints date from the Late Mesolithic to the Late Bronze Age.
- 3.6.2 The prehistoric pottery assemblage comprised 36 sherds (180g) ranging in date from the Middle Bronze Age through to the Middle Iron Age period, with the majority dating to the Early Iron Age (28 sherds, 128g). All but one of the Early Iron Age sherds of pottery was recovered from ditch **2806E**. The remainder of the assemblage was very fragmentary and only two strongly diagnostic sherds were identified.
- 3.6.3 Two fragments of glass dating to the post-medieval period was recovered from ditch **2507E** and ditch **115**. A single fragment of medium mammal bone was also recovered from ditch **2507E**.

3.6.4 A total of 14 bulk samples were taken from a variety of features. Cereal grains were present in three of the samples but only as single specimens or fragments. The fragmented cereal grains were too poorly preserved to be identified but the single cereal grain in fill 530 of pit **529**, was identified as free-threshing wheat (*Triticum aestivum/turgidum*).

## 4 DISCUSSION

### 4.1 Introduction

4.1.1 Two phases of activity were identified during the evaluation and excavation phases of work at the site, relating to activity during the Middle Bronze Age and post-medieval periods. A Middle Bronze Age enclosure ditch and associated features was identified within Area 2, the date of which is based largely on a radiocarbon date recovered from the fill of enclosure ditch **533**. A single ditch identified during the evaluation within Trench 28 has also been attributed to this phase, although an assemblage of Early Iron Age pottery was recovered from its upper fills, probably representing later activity taking place in and around the earthworks of the earlier ditches. Archaeologically detectable activity then appears to have ceased at the site until the post-medieval period, where in Area 1 a number of boundary ditches, quarry pits and a hayrick were uncovered. Very few finds were recovered from these features, however two ditches yielded post-medieval glass.

### 4.2 Middle Bronze Age Enclosure 533 and the surrounding landscape

4.2.1 Enclosure **533** consisted of an L-shaped ditch, representing the northern and western arms of an enclosure measuring at least 55m (north-west to south-east) by 27m (north-east to south-west). Very few finds were recovered from the fills of this ditch (11 worked flints, one burnt flint and three sherds, 5g, of Late Bronze Age pottery), however a radiocarbon date from the ditches upper fill (540) returned a date of 1503 to 1423 cal. BC (95.4% probability; SUERC-96528; 3192±24). This date strongly suggests the ditch had its origins in the Middle Bronze Age, notwithstanding the evidence for later activity represented by the Late Bronze Age pottery from its fills.

4.2.2 Features associated with the enclosure included ten small pits (measuring between 0.34m to 1.1m wide and 0.05m to 0.4m deep). Although only two of these pits (**507** and **1105E**) contained very small quantities of pottery (7g and 12g respectively), this was of Middle Bronze Age date, and this strongly suggests that these features were broadly contemporary with the enclosure. To the south-east of the enclosure's most southerly terminus was a group of six post-holes (structure 503) which is thought to represent a structure – perhaps related to an entranceway into the enclosure. It is unclear from the surviving archaeological remains whether or how the southern and eastern arms of the enclosure were defined, but it may be that they were delineated by more ephemeral boundaries such fences or hedgelines.

4.2.3 The Middle Bronze Age remains on the site are relatively limited, but excavations approximately 850m north-east of the current site, at Swan's Nest, have revealed a major rectilinear, double-ditched, Middle Bronze Age enclosure on a north north-east to south south-west orientation (Fig 2; White 2019). In comparison to enclosure **533**, this enclosure was much larger, measuring approximately 200m (north north-east to south south-west) by 150m (west north-west to east south-east) and was divided into two parts by a pair of ditches (*ibid* 18). The site also yielded a much larger finds assemblage with 43 sherds (698g) of Middle Bronze Age pottery alongside worked flint, animal bone and fired clay. Later activity associated with the enclosure was also recovered in the form of 80 sherds (447g) of Early Iron Age pottery from the enclosure

ditches' upper fills (*ibid* 19), paralleling the recovery of Early Iron Age pottery recovered from the upper fill of ditch **2806E** in Trench 28 during the investigations described here.

- 4.2.4 Similarly to Enclosure **533**, a number of undated pits were identified associated with the enclosure ditches at Swans Nest; perhaps most noteworthy was a group of 15 post-holes identified within an entranceway of the enclosure, thought to represent the remnants of a gate structure (*ibid* 18); this interpretation may support the idea of Structure **503** at the current site performing a similar function. It is probable that Enclosure **533** formed part of the wider agricultural landscape and field system associated with this major, potentially settlement-associated, enclosure to the east.
- 4.2.5 Other sites within Norfolk have identified similar Middle Bronze Age enclosures and settlements. For example, Area 5 on the Norwich Northern Distributor Road (NNDR) excavations revealed an enclosure comprising two L-shaped ditches measuring 55m by 45m with a west north-west to east south-east orientation. The ditch contained a moderate assemblage of Middle Bronze Age pottery and was associated with a radiocarbon date of 1385 to 1128 cal. BC (Moan 2018, 81). As with most enclosures of this date, their function is uncertain, and similar features in East Anglia have sometimes been interpreted as mortuary/ceremonial enclosures, such as the example at Harford Park and Ride (Trimble 2004). However, there is generally very little supporting evidence for this interpretation, and certainly not in the case of Enclosure **533**. Other important parallels can be drawn from the Area 5 enclosure on the NNDR as it was situated within a rich Bronze Age landscape, with an area of contemporary settlement associated with a much larger complex of enclosures being located some 1km to the north-west, at Bell Farm, (NNDR Area 3; Moan 2018, 81), perhaps echoing the relationship between Enclosure **533** and the Swan's Nest enclosure.
- 4.2.6 Medlycott (2011, 20) has noted that "*examination of the inter-relationships between [Bronze Age] settlements, together with variation and changes in settlement types, offers considerable potential to explore the social changes taking place.*" In the first instance the enclosure at the current site appears insubstantial, however it is apparent that these small enclosures formed part of the wider landscape during the Bronze Age period and were perhaps associated with peripheral tasks related to much larger and more substantial sites/settlements. There is no evidence at the current site to indicate the specific function of the enclosure although it can be suggested that those using this enclosure had connections with those at Swan's Nest to the north-east.

### 4.3 Post-medieval activity

- 4.3.1 Area 1 revealed a number of features dating to the post-medieval period including boundary ditches, quarry pits and a hayrick indicative of agricultural use. The ditches identified within this area are likely to represent a series of field boundaries, with ditch **117** on the eastern edge of the site possibly representing a roadside boundary ditch identified on the 1888 to 1913 OS map. These features are aligned with Brandon Road which lies immediately to the east and is thought to have medieval origins.
- 4.3.2 A total of 25 quarry pits were identified within this area, many of which were clustered between ditches **111** and **117**. These pits varied considerably in size, were often

intercutting and contained very homogenous fills with no finds. The natural geology consisted of a mixed orange yellow white sand with chalk patches and occasional flint inclusions. Any one of these products could have provided a reason to extensively quarry this area. At Swans Nest, 850m to the north-east two large quarry pits were excavated, thought here to have been used for marl extraction and later re-used as ponds (White 2019, 20).

- 4.3.3 The remains of a single probable hayrick or haystack was uncovered at the site, measuring 6.7m (north to south) by 6m (east to west). Such features consist of small platforms and enclosures presumed to have been used to store winter fodder, with a drip gully dug to aid drainage and keep the crop dry (Albone *et al* 2007, 105). Many of these features have been recorded across the county with mapping of earlier photographs as part of the Norfolk Coastal Zone National Mapping Project having recorded 48 examples measuring between 6m to 18m in diameter (*ibid*). Further afield survey work in the Cambridgeshire fens has also identified 64 examples measuring between 7m and 17m in diameter (Hall 1996, 177).
- 4.3.4 Few of these recorded examples have been excavated and can often be misinterpreted. A hayrick dating to the 13th to 14th century was excavated at Parson Drove, Cambridgeshire, measuring 10m in diameter with an external gully and no opening (Atkins 2013). Two further examples of hayricks dating to the 19th century AD were uncovered during excavations in Kings Lynn (Clarke 2017, 27); these features consisted of complete ring gullies with a diameter of 10m.
- 4.3.5 The dearth of finds from the features dating to this period supports their presumed agricultural and quarrying function, with any contemporary settlement having been situated away from the site.

## 4.4 Significance

- 4.4.1 Although the excavations at the site were small and produced only a moderate number of features and finds, the site does add to our growing understanding of the landscape during the Middle Bronze Age and provides further evidence for activity in the wider landscape around the major Middle Bronze Age enclosure recorded to the north-east of the site. The hayrick also adds to a growing corpus of such features being recorded across Norfolk.

## **5 PUBLICATION AND ARCHIVING**

### **5.1 Publication**

- 5.1.1 A short note on the site will be prepared for publication in *Norfolk Archaeology*.
- 5.1.2 This report both supplements the published article and is superseded by any new data and interpretations presented within it.

### **5.2 Archiving, Retention and Dispersal**

- 5.2.1 The site archive (under Site Code ENF150323) will be deposited with Norfolk Museum Services and comprises a maximum of three bulk finds / document boxes.



## APPENDIX A CONTEXT INVENTORY

| Area | Context | Cut | Same as          | Category | Feature Type | Function               | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|-----|------------------|----------|--------------|------------------------|-------|-------|---------------|-----------|-----------|
| A1   | 100     | 0   | -                | layer    | topsoil      |                        | 0     | 0     | -             | -         | 0.3       |
| A1   | 101     | 0   | -                | layer    | subsoil      |                        | 0     | 0     | -             | -         | 0.3       |
| A1   | 102     | 0   | -                | layer    | natural      |                        | 0     | 0     | -             | -         | -         |
| A1   | 103     | 103 | 105, 107         | cut      | ditch        | enclosure/<br>boundary | 3     | 103   | 103           | 0.75      | 0.25      |
| A1   | 104     | 103 | -                | fill     | ditch        | disuse                 | 3     | 103   | 103           | 0.75      | 0.25      |
| A1   | 105     | 105 | 103, 107         | cut      | ditch        | boundary/<br>enclosure | 3     | 103   | 103           | 1         | 0.4       |
| A1   | 106     | 105 | -                | fill     | ditch        | disuse                 | 3     | 103   | 103           | 1         | 0.4       |
| A1   | 107     | 107 | 103,105          | cut      | ditch        | boundary/<br>enclosure | 3     | 103   | 103           | 0.8       | 0.3       |
| A1   | 108     | 107 |                  | fill     | ditch        | disuse                 | 3     | 103   | 103           | 0.8       | 0.3       |
| A1   | 109     | 109 | -                | cut      | pit          | unknown                | 0     | 0     | -             | 0.5       | 0.05      |
| A1   | 110     | 109 | -                | fill     | pit          | disuse                 | 0     | 0     | -             | 0.5       | 0.05      |
| A1   | 111     | 111 | 115, 121         | cut      | ditch        | boundary/<br>enclosure | 3     | 103   | 111           | 2.6       | 0.19      |
| A1   | 112     | 111 | -                | fill     | ditch        | disuse                 | 3     | 103   | 111           | 2.34      | 0.19      |
| A1   | 113     | 113 | -                | cut      | pit          | extraction             | 3     | 113   | -             | 0.88      | 0.64      |
| A1   | 114     | 113 | -                | fill     | pit          | disuse                 | 3     | 113   | -             | 0.88      | 0.64      |
| A1   | 115     | 115 | 111, 121         | cut      | ditch        | boundary/e<br>nclosure | 3     | 103   | 111           | 1.45      | 0.36      |
| A1   | 116     | 115 | -                | fill     | ditch        | disuse                 | 3     | 103   | 111           | 1.45      | 0.36      |
| A1   | 117     | 117 | 119, 134,<br>175 | cut      | ditch        | boundary               | 3     | 0     | 117           | 2.32      | 0.37      |
| A1   | 118     | 117 | -                | fill     | ditch        | boundary               | 3     | 0     | 117           | 2.32      | 0.37      |
| A1   | 119     | 119 | 117, 134,<br>175 | cut      | ditch        | boundary               | 3     | 0     | 117           | 1.63      | 0.34      |
| A1   | 120     | 119 | -                | fill     | ditch        | disuse                 | 3     | 0     | 117           | 1.63      | 0.34      |
| A1   | 121     | 121 | 111, 115         | cut      | ditch        | boundary               | 3     | 103   | 111           | 0.5       | 0.05      |
| A1   | 122     | 121 | -                | fill     | ditch        | disuse                 | 3     | 103   | 111           | 0.5       | 0.05      |

| Area | Context | Cut | Same as       | Category | Feature Type | Function            | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|-----|---------------|----------|--------------|---------------------|-------|-------|---------------|-----------|-----------|
| A1   | 123     | 123 | -             | cut      | pit          | extraction          | 3     | 113   | -             | 3.88      | 0.95      |
| A1   | 124     | 123 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 3.45      | 0.65      |
| A1   | 125     | 123 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 3.88      | 0.3       |
| A1   | 126     | 126 | -             | cut      | pit          | extraction          | 3     | 113   | -             | 3.2       | 1.2       |
| A1   | 127     | 126 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.78      |
| A1   | 128     | 126 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.42      |
| A1   | 129     | 129 | -             | cut      | pit          | extraction          | 3     | 113   | -             | 3.98      | 0.96      |
| A1   | 130     | 129 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.55      |
| A1   | 131     | 129 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.41      |
| A1   | 132     | 132 | -             | cut      | pit          | extraction          | 3     | 113   | -             | 1         | 0.93      |
| A1   | 133     | 132 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 1         | 0.93      |
| A1   | 134     | 134 | 117, 119, 175 | cut      | ditch        | boundary/ enclosure | 3     | 0     | 117           | 1.4       | 0.28      |
| A1   | 135     | 134 | -             | fill     | ditch        | disuse              | 3     | 0     | 117           | 1.4       | 0.28      |
| A1   | 136     | 0   | -             | cut      | hayrick      | Agri-cultural       | 3     | 136   | -             | 0.8       | 0.2       |
| A1   | 137     | 136 | -             | fill     | hayrick      | disuse              | 3     | 136   | -             | 0.8       | 0.2       |
| A1   | 138     | 0   | -             | cut      | pit          | unknown             | 0     | 0     | -             | 0.75      | 0.39      |
| A1   | 139     | 138 | -             | fill     | pit          | disuse              | 0     | 0     | -             | 0.75      | 0.39      |
| A1   | 140     | 0   | -             | cut      | pit          | extraction          | 3     | 113   | -             | 4.36      | 1         |
| A1   | 141     | 140 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.48      |
| A1   | 142     | 140 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.46      |
| A1   | 143     | 140 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.25      |
| A1   | 144     | 198 | 147           | fill     | pit          | disuse              | 3     | 113   | -             | -         | 1         |
| A1   | 145     | 198 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.28      |
| A1   | 146     | 198 | -             | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.48      |
| A1   | 147     | 198 | 144           | fill     | pit          | disuse              | 3     | 113   | -             | -         | 0.53      |
| A1   | 148     | 0   | -             | cut      | pit          | extraction          | 3     | 113   | -             | 1         | 0.21      |
| A1   | 149     | 148 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 1         | 0.21      |
| A1   | 150     | 0   | -             | cut      | pit          | extraction          | 3     | 113   | -             | 0.86      | 0.25      |
| A1   | 151     | 150 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 0.86      | 0.25      |
| A1   | 152     | 152 | -             | cut      | pit          | extraction          | 3     | 113   | -             | 1         | 0.17      |
| A1   | 153     | 152 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 1         | 0.17      |
| A1   | 155     | 0   | -             | cut      | pit          | extraction          | 3     | 113   | -             | 1         | 0.7       |
| A1   | 156     | 155 | -             | fill     | pit          | disuse              | 3     | 113   | -             | 1         | 0.7       |
| A1   | 157     | 0   | -             | cut      | pit          | unknown             | 0     | 0     | -             | 1.92      | 0.29      |
| A1   | 158     | 157 | -             | fill     | pit          | disuse              | 0     | 0     | -             | 1.92      | 0.29      |
| A1   | 159     | 159 | -             | cut      | pit          | extraction          | 3     | 113   | -             | 2.9       | 0.55      |

| Area | Context | Cut | Same as         | Category | Feature Type | Function               | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|-----|-----------------|----------|--------------|------------------------|-------|-------|---------------|-----------|-----------|
| A1   | 160     | 159 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | -         | 0.28      |
| A1   | 161     | 159 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | -         | 0.36      |
| A1   | 162     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 1.6       | 0.24      |
| A1   | 163     | 162 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 1.6       | 0.24      |
| A1   | 164     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 3.6       | 0.46      |
| A1   | 165     | 164 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 3.6       | 0.46      |
| A1   | 166     | 166 | -               | cut      | pit          | extraction             | 3     | 113   | -             | 2.98      | 0.64      |
| A1   | 167     | 166 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 2.98      | 0.64      |
| A1   | 168     | 168 | -               | cut      | ditch        | boundary/<br>enclosure | 0     | 0     | -             | 1.36      | 0.46      |
| A1   | 169     | 168 | -               | fill     | ditch        | disuse                 | 0     | 0     | -             | 1.36      | 0.46      |
| A1   | 170     | 0   | -               | cut      | natural      | ice crack              | 0     | 0     | -             | -         | -         |
| A1   | 171     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 0.76      | 0.48      |
| A1   | 172     | 171 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 0.76      | 0.48      |
| A1   | 173     | 173 | -               | cut      | pit          | extraction             | 3     | 113   | -             | 2.06      | 0.5       |
| A1   | 174     | 173 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 2.06      | 0.5       |
| A1   | 175     | 175 | 117,119,<br>134 | cut      | ditch        | boundary               | 3     | 0     | 117           | 1.31      | 0.4       |
| A1   | 176     | 175 | -               | fill     | ditch        | disuse                 | 3     | 0     | 117           | 1.31      | 0.4       |
| A1   | 177     | 0   | -               | cut      | post hole    | structural             | 0     | 0     | -             | 0.25      | 0.05      |
| A1   | 178     | 177 | -               | fill     | post hole    | disuse                 | 0     | 0     | -             | 0.25      | 0.05      |
| A1   | 179     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 0.8       | 0.15      |
| A1   | 180     | 179 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 0.8       | 0.15      |
| A1   | 181     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 1.64      | 0.38      |
| A1   | 182     | 181 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 1.64      | 0.38      |
| A1   | 183     | 0   | 193             | cut      | pit          | extraction             | 3     | 113   | -             | 2.08      | 0.33      |
| A1   | 184     | 183 | 194             | fill     | pit          | disuse                 | 3     | 113   | -             | 2.08      | 0.33      |
| A1   | 185     | 0   | 195             | cut      | pit          | extraction             | 3     | 113   | -             | 2.9       | 0.48      |
| A1   | 186     | 185 | 196             | fill     | pit          | disuse                 | 3     | 113   | -             | 2.9       | 0.48      |
| A1   | 187     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 0.7       | 0.36      |
| A1   | 188     | 187 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 0.7       | 0.36      |
| A1   | 189     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 2.18      | 0.66      |
| A1   | 190     | 189 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 2.18      | 0.66      |
| A1   | 192     | 187 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 1.61      | 0.23      |
| A1   | 193     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 1         | 0.3       |
| A1   | 194     | 193 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | 1         | 0.3       |
| A1   | 195     | 0   | -               | cut      | pit          | extraction             | 3     | 113   | -             | 2.6       | 0.59      |
| A1   | 196     | 195 | -               | fill     | pit          | disuse                 | 3     | 113   | -             | -         | 0.37      |

| Area | Context | Cut        | Same as | Category | Feature Type | Function      | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|------------|---------|----------|--------------|---------------|-------|-------|---------------|-----------|-----------|
| A1   | 197     | <b>195</b> | -       | fill     | pit          | disuse        | 3     | 113   | -             | -         | 0.2       |
| A1   | 198     | <b>0</b>   | -       | cut      | pit          | extraction    | 3     | 113   | -             | 3.4       | 0.9       |
| A2   | 500     | <b>0</b>   | -       | layer    | topsoil      |               | 0     | 0     | -             | -         | 0.3       |
| A2   | 501     | <b>0</b>   | -       | layer    | subsoil      |               | 0     | 0     | -             | -         | 0.1       |
| A2   | 502     | <b>0</b>   | -       | layer    | natural      |               | 0     | 0     | -             | -         |           |
| A2   | 503     | <b>0</b>   | -       | cut      | post hole    | Entrance-way? | 1     | 503   | -             | 0.33      | 0.1       |
| A2   | 504     | <b>503</b> | -       | fill     | post hole    | disuse        | 1     | 503   | -             | 0.33      | 0.1       |
| A2   | 505     | <b>0</b>   | -       | cut      | post hole    | Entrance-way  | 1     | 503   | -             | 0.2       | 0.1       |
| A2   | 506     | <b>505</b> | -       | fill     | post hole    | disuse        | 1     | 503   | -             | 0.2       | 0.1       |
| A2   | 507     | <b>0</b>   | -       | cut      | post hole    | Entrance-way? | 1     | 503   | -             | 0.3       | 0.16      |
| A2   | 508     | <b>507</b> | -       | fill     | post hole    | disuse        | 1     | 503   | -             | 0.3       | 0.16      |
| A2   | 509     | <b>0</b>   | -       | cut      | post hole    | Entrance-way  | 1     | 503   | -             | 0.28      | 0.14      |
| A2   | 510     | <b>509</b> | -       | fill     | post hole    | disuse        | 1     | 503   | -             | 0.28      | 0.14      |
| A2   | 511     | <b>0</b>   | -       | cut      | post hole    | Entrance-way  | 1     | 503   | -             | 0.28      | 0.06      |
| A2   | 512     | <b>511</b> | -       | fill     | post hole    | disuse        | 1     | 503   | -             | 0.28      | 0.06      |
| A2   | 513     | <b>0</b>   | -       | cut      | post hole    | Entrance-way  | 1     | 503   | -             | 0.3       | 0.16      |
| A2   | 514     | <b>513</b> | -       | fill     | post hole    | disuse        | 1     | 503   | -             | 0.3       | 0.16      |
| A2   | 515     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 1.1       | 0.16      |
| A2   | 516     | <b>515</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 1.1       | 0.16      |
| A2   | 517     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 0.34      | 0.1       |
| A2   | 518     | <b>517</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 0.34      | 0.1       |
| A2   | 519     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 0.48      | 0.15      |
| A2   | 520     | <b>519</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 0.48      | 0.15      |
| A2   | 521     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 0.4       | 0.05      |
| A2   | 522     | <b>521</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 0.4       | 0.05      |
| A2   | 523     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 0.65      | 0.1       |
| A2   | 524     | <b>523</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 0.65      | 0.1       |
| A2   | 525     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 0.44      | 0.13      |
| A2   | 526     | <b>525</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 0.44      | 0.13      |
| A2   | 527     | <b>0</b>   | -       | cut      | pit          | unknown       | 1     | 0     | -             | 0.7       | 0.13      |
| A2   | 528     | <b>527</b> | -       | fill     | pit          | disuse        | 1     | 0     | -             | 0.7       | 0.13      |

| Area | Context | Cut | Same as   | Category | Feature Type   | Function         | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|-----|---|----------|----------------|------------------|-------|-------|---------------|-----------|-----------|
| A2   | 529     | 0   | -   | cut      | pit            | unknown          | 1     | 0     | -             | 0.6       | 0.4       |
| A2   | 530     | 529 | -   | fill     | pit            | disuse           | 1     | 0     | -             | 0.6       | 0.4       |
| A2   | 531     | 0   | -   | cut      | pit            | unknown          | 1     | 0     | -             | 0.7       | 0.12      |
| A2   | 532     | 531 | -   | fill     | pit            | disuse           | 1     | 0     | -             | 0.7       | 0.12      |
| A2   | 533     | 0   | 537,541, 544,548, 552,558, 559, 1006E, 1108E    | cut      | ditch terminus | enclosure        | 1     | 0     | 533           | 2.1       | 0.72      |
| A2   | 534     | 533 | -   | fill     | ditch          | primary          | 1     | 0     | 533           | -         | 0.1       |
| A2   | 535     | 533 | -   | fill     | ditch          | secondary        | 1     | 0     | 533           | -         | 0.3       |
| A2   | 536     | 533 | -   | fill     | ditch          | disuse           | 1     | 0     | 533           | -         | 0.2       |
| A2   | 537     | 0   | 533, 541,544, 548,552, 558,559, 1006E, 1108E    | cut      | ditch          | enclosure        | 1     | 0     | 533           | 1.7       | 0.6       |
| A2   | 538     | 537 | -   | fill     | ditch          | primary          | 1     | 0     | 533           | -         | 0.14      |
| A2   | 539     | 537 | -   | fill     | ditch          | deliberate dump? | 1     | 0     | 533           | -         | 0.24      |
| A2   | 540     | 537 | -   | fill     | ditch          | disuse           | 1     | 0     | 533           | -         | 0.48      |
| A2   | 541     | 0   | 533, 537, 544,548, 552,558, 559, 1006E, 1108E   | cut      | ditch          | enclosure        | 1     | 0     | 533           | 1.45      | 0.66      |
| A2   | 542     | 541 | -   | fill     | ditch          | secondary        | 1     | 0     | 533           | -         | 0.36      |
| A2   | 543     | 541 | -   | fill     | ditch          | disuse           | 1     | 0     | 533           | -         | 0.2       |
| A2   | 544     | 0   | 533, 537, 541, 548,552, 558,559, 1006E, 1108E   | cut      | ditch          | enclosure        | 1     | 0     | 533           | 1.9       | 0.7       |
| A2   | 545     | 544 | -   | fill     | ditch          | primary          | 1     | 0     | 533           | -         | 0.14      |
| A2   | 546     | 544 | -   | fill     | ditch          | secondary        | 1     | 0     | 533           | -         | 0.3       |
| A2   | 547     | 544 | -   | fill     | ditch          | disuse           | 1     | 0     | 533           | -         | 0.26      |
| A2   | 548     | 0   | 533, 537, 541, 544, 552, 558, 559, 1006E, 1108E | cut      | ditch          | enclosure        | 1     | 0     | 533           | 1.8       | 0.7       |
| A2   | 549     | 548 | -   | fill     | ditch          | primary          | 1     | 0     | 533           | -         | 0.1       |
| A2   | 550     | 548 | -   | fill     | ditch          | secondary        | 1     | 0     | 533           | -         | 0.3       |
| A2   | 551     | 548 | -   | fill     | ditch          | disuse           | 1     | 0     | 533           | -         | 0.2       |

| Area | Context | Cut   | Same as  | Category | Feature Type | Function  | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|-------|--|----------|--------------|-----------|-------|-------|---------------|-----------|-----------|
| A2   | 552     | 0     | 533, 537, 541, 544, 548, 558, 559, 1006E, 1108E      | cut      | ditch        | enclosure | 1     | 0     | 533           | 2.3       | 0.86      |
| A2   | 553     | 552   | -  | fill     | ditch        | primary   | 1     | 0     | 533           | -         | 0.38      |
| A2   | 555     | 552   | -  | fill     | ditch        | secondary | 1     | 0     | 533           | -         | 0.36      |
| A2   | 557     | 552   | -  | fill     | ditch        | disuse    | 1     | 0     | 533           | -         | 0.28      |
| A2   | 558     | 558   | 533, 537, 541, 544, 548, 552, 558, 559, 1006E, 1108E | cut      | ditch        | enclosure | 1     | 0     | 533           | 1.7       | 0.86      |
| A2   | 559     | 559   | 533, 537, 541, 544, 548, 552, 558, 1006E, 1108E      | cut      | ditch        | enclosure | 1     | 0     | 533           | 2.24      | 0.78      |
| A2   | 560     | 559   | -  | fill     | ditch        | secondary | 1     | 0     | 533           | -         | 0.69      |
| A2   | 561     | 559   | -  | fill     | ditch        | primary   | 1     | 0     | 533           | -         | 0.2       |
| A2   | 562     | 559   | -  | fill     | ditch        | disuse    | 1     | 0     | 533           | -         | 0.33      |
| A2   | 563     | 558   | -  | fill     | ditch        | primary   | 1     | 0     | 533           | -         | 0.24      |
| A2   | 564     | 558   | -  | fill     | ditch        | secondary | 1     | 0     | 533           | -         | 0.46      |
| A2   | 565     | 558   | -  | fill     | ditch        | secondary | 1     | 0     | 533           | -         | 0.54      |
| A2   | 566     | 558   | -  | fill     | ditch        | disuse    | 1     | 0     | 533           | -         | 0.18      |
| A2   | 567     | 541   | -  | fill     | ditch        | primary   | 0     | 0     | 0             | -         | 0.1       |
| TR10 | 1004E   | 1006E | -  | fill     | ditch        | secondary | 1     | 0     | 533           | -         | 0.2       |
| TR10 | 1005E   | 1006E | -  | fill     | ditch        | primary   | 1     | 0     | 533           | -         | 0.6       |
| TR10 | 1006E   | 1006E | 533, 537, 541, 544, 548, 552, 558, 1108E             | cut      | ditch        | enclosure | 1     | 0     | 533           | 1.9       | 0.8       |
| TR11 | 1105E   | 1105E | -  | cut      | pit          | unknown   | 1     | 0     |               | 0.9       | 0.23      |
| TR11 | 1106E   | 1105E | -  | fill     | pit          | secondary | 1     | 0     |               | -         | 0.19      |
| TR11 | 1107E   | 1105E | -  | fill     | pit          | primary   | 1     | 0     |               | -         | 0.04      |
| TR11 | 1108E   | 1108E | 533, 537, 541, 544, 548, 552, 558, 1006E             | cut      | ditch        | enclosure | 1     | 0     | 533           | 1.4       | 0.56      |
| TR11 | 1109E   | 1108E | -  | fill     | ditch        | primary   | 1     | 0     | 533           | -         | -         |
| TR11 | 1110E   | 1108E | -  | fill     | ditch        | secondary | 1     | 0     | 533           | -         | -         |
| TR11 | 1111E   | 1108E | -  | fill     | ditch        | disuse    | 1     | 0     | 533           | -         | -         |
| TR25 | 2506E   | 2507E | -  | fill     | ditch        | disuse    | 3     | 0     | -             | 3         | 0.5       |
| TR25 | 2507E   | 2507E | -  | cut      | ditch        | unknown   | 3     | 0     | -             | 3         | 0.5       |

| Area | Context | Cut          | Same as | Category | Feature Type | Function  | Phase | Group | Master Number | Width (m) | Depth (m) |
|------|---------|--------------|---------|----------|--------------|-----------|-------|-------|---------------|-----------|-----------|
| TR28 | 2804E   | <b>2806E</b> | -       | fill     | ditch        | secondary | 2     | 0     | -             | -         | 0.44      |
| TR28 | 2805E   | <b>2806E</b> | -       | fill     | ditch        | primary   | 2     | 0     | -             | -         | 0.36      |
| TR28 | 2806E   | <b>2806E</b> | -       | cut      | ditch        | boundary  | 2     | 0     | -             | 2         | 0.8       |

## APPENDIX B FINDS REPORTS

### B.1 Flint

*By Rona Booth*

#### *Introduction*

- B.1.1 This report deals with the small flint assemblage recovered from both the evaluation (13 struck flints) and the excavation (12 struck flints and five unworked burnt flints). A total of 25 struck flints and five (201g) unworked burnt flints were recorded and catalogued for this report following standard typological and technological methods (eg. Andrefsky 1998, Inizan 1999). Table 1 provides a catalogue of the flints by type and context.
- B.1.2 The flint was thinly distributed over thirteen contexts, with most contexts containing between one and three flints. Only ditch **2806E** contained more, with eight flints recovered from a single context.
- B.1.3 The total assemblage consists of ten complete flakes, seven broken flakes, one irregular waste piece, seven retouched flakes including an expedient scraper and five unworked burnt flints.

| Context      | Cut          | Feature type | Irregular waste | Flake     | Narrow flake | Blade/et | Blade-like flake | Rejuvenation flake | Scraper  | piercer/awl | Retouched flake | Edge-trimmed flake | Total     | Burnt flint | Weight (kg) |
|--------------|--------------|--------------|-----------------|-----------|--------------|----------|------------------|--------------------|----------|-------------|-----------------|--------------------|-----------|-------------|-------------|
| 127          | <b>126</b>   | pit          |                 |           |              | 1        |                  |                    |          |             |                 |                    | <b>1</b>  |             |             |
| 131          | <b>129</b>   | pit          |                 |           |              |          |                  |                    |          |             |                 |                    |           | 2           | 23          |
| 135          | <b>134</b>   | ditch        |                 | 1         | 1            |          |                  |                    |          |             |                 |                    | <b>2</b>  |             |             |
| 514          | <b>513</b>   | posthole     |                 |           |              |          |                  |                    |          |             |                 |                    |           | 2           | 57          |
| 534          | <b>533</b>   | ditch        |                 |           |              |          |                  | 1                  |          |             |                 |                    | <b>1</b>  |             |             |
| 540          | <b>537</b>   | ditch        |                 | 2         |              |          |                  |                    |          | 1           |                 |                    | <b>3</b>  |             |             |
| 547          | <b>544</b>   | ditch        | 1               | 1         |              |          |                  |                    |          |             | 1               |                    | <b>3</b>  |             |             |
| 551          | <b>548</b>   | ditch        |                 |           |              |          |                  |                    |          |             |                 |                    |           | 1           | 121         |
| 555          | <b>552</b>   | ditch        |                 |           |              |          |                  |                    |          | 2           |                 |                    | <b>2</b>  |             |             |
| 1004E        | <b>1006E</b> | ditch        |                 | 1         |              |          |                  |                    |          |             |                 | 1                  | <b>2</b>  |             |             |
| 1106E        | <b>1105E</b> | pit          |                 |           |              |          |                  |                    | 1        |             |                 |                    | <b>1</b>  |             |             |
| 1111E        | <b>1108E</b> | ditch        |                 | 1         |              |          | 1                |                    |          |             |                 |                    | <b>2</b>  |             |             |
| 2804E        | <b>2806E</b> | ditch        |                 | 5         |              | 1        | 1                |                    |          |             | 1               |                    | <b>8</b>  |             |             |
| <b>Total</b> | -            | -            | <b>1</b>        | <b>11</b> | <b>1</b>     | <b>2</b> | <b>2</b>         | <b>1</b>           | <b>1</b> | <b>3</b>    | <b>2</b>        | <b>1</b>           | <b>25</b> | <b>5</b>    | <b>201</b>  |

Table 1. Quantification of the flint assemblage by context.



### ***Raw materials and condition***

- B.1.4 All the struck flint is made up of fine-grained flint, although there is some variability in the colours represented, ranging from a translucent brown through to an opaque grey brown flint.
- B.1.5 Corticated pieces are frequent, with ten of the flakes and both of the retouched pieces retaining cortical surfaces. Where it occurs, cortex is mostly thin and smooth, and in some cases very worn, indicating it was obtained from secondary sources. Half of the flint shows a degree of patination, but this is largely incipient, with only two pieces exhibiting a deeper blue-grey patina.
- B.1.6 All but three of the struck flints have a degree of non-intentional breakage and edge damage; this reflects their residual nature and that the majority of the flintwork existed as surface scatters before it was incorporated into later cut features. Few flakes retain a fresher appearance, indicating they were not subject to much disturbance prior to deposition. Just over half of these pieces also appear to have edge damage as the result of utilisation, evidenced through more regular edge wear and striations.

### ***Unworked burnt flint***

- B.1.7 A total of 201g of unworked burnt flint was recovered from three contexts. Table 1 gives the numbers of burnt unworked flint recovered from each context. All the flint was grey in colour and heavily crazed.
- B.1.8 Burnt flint occurs in archaeological contexts, either *in situ* or from the 'sweeping up' of debris and is produced when flint is used for a number of processes, for example, to heat water or as a temper for use in pottery.
- B.1.9 It is possible that the unworked burnt flint is broadly contemporary with the features from which it was recovered but nothing further can be surmised from this small assemblage.

### ***Characterisation and technology***

- B.1.10 The total assemblage is largely made up of flakes (one primary, 11 secondary and seven tertiary) and one irregular waste piece. Seven flakes are retouched to some degree.
- B.1.11 The assemblage is chronologically mixed, and the flakes can be broadly categorised into those which are thinner and narrower, some with prepared platforms and potentially Mesolithic and Neolithic in date, alongside larger broader and thicker stubby core rejuvenation flakes with plain platforms of Late Neolithic or Bronze Age date.

### ***Enclosure ditch 533 and pit 1105***

- B.1.12 Thirteen flints from six contexts were recovered from enclosure ditch **533**. This assemblage is also chronologically mixed. Three of the flakes are demonstrably early prehistoric and made up of blade-based material. The remaining flakes are not as strongly diagnostic and could date from any period from the Neolithic onwards.

- B.1.13 Five of these flakes have a degree of retouch. Fill 547 produced a thin, primary flake of greyish brown flint, with a thin, worn cortex. It has abrupt retouch on the right lateral forming a very shallow notch (12mm in length) and some possible modification at the distal end for which a functional use cannot be ascertained.
- B.1.14 A medial section of a blade of translucent greyish brown flint from fill 540 is modified to form a piercer and is typical of Mesolithic or Early Neolithic assemblages.
- B.1.15 Two blade-like flakes from fill 555 are also modified. A greyish brown Mesolithic or Early Neolithic blade-like flake is crudely retouched at the distal end to form an awl-like tool. Similar modification is also seen on a blue-grey patinated Mesolithic or Early Neolithic blade. Both have spots of gloss on one lateral, suggesting they were used for the same task.
- B.1.16 Fill 1004E produced a partially edge trimmed core rejuvenation flake made on grey flint, with a thick, rough cortex. A narrow flake scar on this piece suggests it might be of Neolithic date.
- B.1.17 A broken flake in semi-translucent brown flint, with semi-abrupt retouch along one lateral was recovered from pit **1105E** that lies within the enclosure. Heavy striations on the ventral surface suggest that it was used for a scraping task. The blank suggests the tool is quite early, but it is not strongly diagnostic enough to date more precisely.

### *Other contexts*

- B.1.18 The small assemblage from ditch **2806E** is also representative of the assemblage as a whole, in that it comprises both earlier and later prehistoric material. These include a blade and blade-like flake of Late Mesolithic or Early Neolithic date; two flakes of late Neolithic or Early Bronze Age date and two flakes that are more typical of later prehistoric flint technology and are potentially later Bronze Age.
- B.1.19 A core rejuvenation flake, with a small amount of semi-abrupt retouch along the distal end of one lateral, may be Late Neolithic. The function of this piece cannot be surmised.
- B.1.20 The proximal end of a broken bladelet was recovered from pit **126** and the medial section of broken bladelet and a flake were recovered from ditch **134**.

### *Discussion*

- B.1.21 This is a small assemblage of just 30 flints. The character and technological traits of the struck flint suggest that it is chronologically mixed, and many pieces are edge damaged and broken. Therefore, all the material is likely to be residual.
- B.1.22 It is not possible to state whether the unworked burnt flint is contemporary with the features from which it was recovered but it is likely that most of this material was 'swept up' into the features as they were filled along with the residual struck material that resulted from small multi-period flint scatters, relating to 'settlement-type activity' nearby.

B.1.23 The limited size and nature of the assemblage offers little to the overall interpretation of the site, other than to contribute to the corpus of information regarding the general nature of prehistoric activity in the Swaffham area.

## B.2 Prehistoric Pottery

*By Carlotta Marchetto*

### *Introduction*

B.2.1 The evaluation and excavation yielded a total of 36 sherds (180g) of handmade later prehistoric pottery, with a low mean sherd (MSW) weight of 5g. The pottery was recovered from eight contexts relating to six ditches and two pits (Table 2). The pottery ranged in date from the Middle Bronze Age through to the Middle Iron Age period (Table 3), with the majority being of Early Iron Age (28 sherds, 128g, c. 800-350 BC). The assemblage recovered from Trench 28 during the evaluation was initially dated to the Late Iron Age to Early Roman period (Richardson 2020) but has been re-dated to the Early Iron Age (see below).

B.2.2 The pottery is highly fragmented (as reflected by the low MSW), friable, and includes few diagnostic feature sherds. Dating is therefore largely based on the character of the fabrics and their comparison with material from larger published assemblages from the region.

B.2.3 This report provides a fully quantified description of the pottery, with a discussion of its date and deposition.

| Context      | Cut   | Area | Feature Type | No. sherds | Weight (g) | Date                               |
|--------------|-------|------|--------------|------------|------------|------------------------------------|
| 120          | 119   | 1    | Ditch        | 2          | 13         | Middle Iron Age, c. 350-50 BC      |
| 135          | 134   | 1    | Ditch        | 1          | 15         | Late Bronze Age, c. 1150-800 BC    |
| 176          | 175   | 1    | Ditch        | 1          | 7          | Early Iron Age, c. 800-350 BC      |
| 518          | 517   | 2    | Pit          | 1          | 7          | Middle Bronze Age, c. 1500-1150 BC |
| 540          | 537   | 2    | Ditch        | 1          | 1          | Late Bronze Age, c. 1150-800 BC    |
| 555          | 552   | 2    | Ditch        | 2          | 4          | Late Bronze Age, c. 1150-800 BC    |
| 1106E        | 1105E | Eval | Pit          | 1          | 12         | Middle Bronze Age, c. 1500-1150 BC |
| 2804E        | 2806E | Eval | Ditch        | 27         | 121        | Early Iron Age, c. 800-350 BC      |
| <b>TOTAL</b> | -     | -    | -            | <b>36</b>  | <b>180</b> | -                                  |

Table 2. Quantification of later prehistoric pottery

| Period            | No. sherds | Wt. (g)    | % of assemblage (by wt.) |
|-------------------|------------|------------|--------------------------|
| Middle Bronze Age | 2          | 19         | 10.6                     |
| Late Bronze Age   | 4          | 20         | 11.1                     |
| Early Iron Age    | 28         | 128        | 71.1                     |
| Middle Iron Age   | 2          | 13         | 7.2                      |
| <b>TOTAL</b>      | <b>36</b>  | <b>180</b> | <b>100</b>               |

Table 3. Quantification of pottery by period

### *Methodology*

B.2.4 The pottery has been fully recorded following the recommendations laid out by the Prehistoric Ceramic Research Group (2011). After a full inspection of the material,

fabric groups were devised on the basis of dominant inclusion types, their density and modal size. All sherds were counted, weighed (to the nearest whole gram) and assigned to a fabric group (Table 4). Sherd type was recorded, along with technology, evidence for surface treatment, decoration, and the presence of soot and/or residue.

- B.2.5 All pottery was subject to sherd size analysis. Sherds less than 4cm in diameter were classified as ‘small’ (35 sherds; 97%); sherds measuring 4-8cm were classified as ‘medium’ (1 sherds; 3%), and sherds over 8cm in diameter will be classified as ‘large’ (0 sherds). The quantified data is presented on an Excel data sheet held with the project archive.

### *Fabric series*

#### *Flint fabric*

F1: Moderate to common fine to coarse flint (mainly <1-4mm).

#### *Sand and Flint fabric*

QF1: Moderate to common sand and rare fine flint (mainly <1mm in size).

#### *Sandy fabric*

Q1: Moderate to common sand, sherds may contain mica and rare medium flint.

#### *Grog and Sand fabric*

DGQ1: Moderate medium to coarse dissolved grog and moderate to common sand

| <b>Fabric Type</b> | <b>Fabric Group</b> | <b>No./Wt. (g) sherds</b> | <b>% fabric by Wt.</b> | <b>No./Wt. (g) burnished</b> | <b>% fabric burnished</b> | <b>MNV</b> |
|--------------------|---------------------|---------------------------|------------------------|------------------------------|---------------------------|------------|
| F1                 | Flint               | 2/16                      | 8.8                    | 0/0                          | 0.0                       | 0          |
| QF1                | Sand and Flint      | 28/128                    | 71.1                   | 0/0                          | 0.0                       | 0          |
| Q1                 | Sand                | 4/17                      | 9.5                    | 0/0                          | 0.0                       | 1          |
| DGQ1               | Grog and Sand       | 2/19                      | 10.6                   | 0/0                          | 100.0                     | 1          |
| <b>TOTAL</b>       | <b>-</b>            | <b>36/180</b>             | <b>100</b>             | <b>0.0</b>                   | <b>0.0</b>                | <b>2</b>   |

Table 4. Quantification of pottery by fabrics. MNV = minimum number of vessels calculated as the total number of different rims and bases identified (1 rim, 1 base)

### *Middle Bronze Age, c. 1500-1150 BC*

- B.2.6 Two plain sherds (19g) in fabric DGQ1 are dated to the Middle Bronze Age (MSW 9.5g). The sherds are relatively thick, friable and abraded; all sharing a ‘corky’ appearance. The pottery derives from pits **517** and **1105E**. The sherd from the latter is a pointed rim, very similar to another rim from the large Middle Bronze Age, Deverel-Rimbury type, pottery assemblage from Grimes Graves (Longworth 1988, n. 45).

### *Late Bronze Age and Early Iron Age, c. 1150-350 BC*

- B.2.7 Pottery dating to the Late Bronze Age and/or Early Iron Age constitutes the bulk of the assemblage and comprises 32 sherds (148g) with a MSW of 4.6g. This material was recovered from three ditches **537**, **552** and **2806E**. The ceramics were dominated by sherds in fabric QF1, with a small number of fragments in fabrics F1 and Q1.

B.2.8 The sherd from ditch **537** is too small and abraded to be precisely dated and the Late Bronze Age date is assigned on the basis of the fabric. However, an earlier date, of Middle Bronze Age is possible. A radiocarbon date retrieved from this ditch indicates a Middle Bronze Age origin, with a determination of 1503-1423 Cal. BC (95.4% confidence; SUERC-96528; 3192±24 BP).

B.2.9 The pottery from context 2804E (ditch **2806E**) is dated to the Early Iron Age. The feature yielded two diagnostic feature sherds, which comprise fragments of one angular shoulder. The carinated shoulder, the fineware character of this vessel and the fabric contribute to establishing the date of this assemblage.

### *Middle Iron Age, c. 350-50 BC*

B.2.10 Two sherds (13g) deriving from ditch **119** are dated to the Middle Iron Age with a MSW of 6.5g. The material comprises one small plain body sherd in fabric Q1 and a simple flat base.

### *Discussion*

B.2.11 The pottery from the investigations constitutes a small assemblage which is highly fragmented, and contains pottery dating from the Middle Bronze Age, Late Bronze Age, Early Iron Age and Middle Iron Age. With only one feature yielding over 100g of pottery (ditch **2806E**), none of the individual context assemblages can be considered large, with only ditch **119** and pit **1105E** yielding diagnostic feature sherds. The general paucity of pottery suggests that settlement-related activities involving the use of pottery, and the discard of ceramic detritus was very sporadic.

### *Catalogue*

| Ex/Eval | Context | Cut          | Feature Type | Area | Fabric type | No sherds | Weight (g) | Date |
|---------|---------|--------------|--------------|------|-------------|-----------|------------|------|
| Ex      | 120     | <b>119</b>   | ditch        | 1    | Q1          | 1         | 3          | MIA  |
| Ex      | 120     | <b>119</b>   | ditch        | 1    | Q1          | 1         | 10         | MIA  |
| Ex      | 135     | <b>134</b>   | ditch        | 1    | F1          | 1         | 15         | LBA  |
| Ex      | 176     | <b>175</b>   | ditch        | 1    | QF1         | 1         | 7          | EIA  |
| Ex      | 518     | <b>517</b>   | pit          | 2    | DGQ1        | 1         | 7          | MBA  |
| Ex      | 540     | <b>537</b>   | ditch        | 2    | F1          | 1         | 1          | LBA  |
| Ex      | 555     | <b>552</b>   | ditch        | 2    | Q1          | 2         | 4          | LBA  |
| Eval    | 1106E   | <b>1105E</b> | pit          | Eval | DGQ1        | 1         | 12         | MBA  |
| Eval    | 2804E   | <b>2806E</b> | ditch        | Eval | QF1         | 25        | 107        | EIA  |
| Eval    | 2804E   | <b>2806E</b> | ditch        | Eval | QF1         | 2         | 14         | EIA  |

Table 5. Catalogue of prehistoric pottery

## **B.3 Glass**

*By Carole Fletcher*

### *Introduction and Methodology*

- B.3.1 A small assemblage of glass was recovered from both the evaluation and excavation. The glass was scanned and recorded by form, colour when held to a strong light, count and weight, dated where possible, and fully recorded in the text. The terminology used in the report is taken from, *The Parks Canada Glass Glossary* (Jones and Sullivan *et al* 1989) and *Antique Glass Bottles Their History and Evolution (1500-1850)* (Van den Bossche 2001).

### *Assemblage*

- B.3.2 A single shard of dark olive green ('natural black') glass (11g) was recovered from ditch **2507E** (fill 2506E). The glass is 4.5-4.6mm thick and, although the fragment is irregular in shape, the curvature (40mm in diameter) suggests it is a shard from the cylindrical neck of a utility bottle. The glass has a slightly matt surface with light iridescence on the broken edges and, although in itself not closely datable other than to say the object is post-medieval, the condition and colour of the glass suggest it is 19th century.
- B.3.3 The excavation produced a large fragment (93g) of the base of a mid olive green ('natural black') glass cylindrical utility bottle from ditch **115**. Enough of the bottle base survives to indicate a diameter of 90mm, and it has a rounded resting point with slightly bulged heel, and a broad domed kick approximately 33mm high. The surviving body glass is 6mm thick, increasing to 9mm at the centre of the kick. The glass is heavily iridised, some of which is flaking, resulting in some surface loss and pitting. The pontil mark, if present, is not visible through the iridised layer. The glass cannot be closely dated, however, the condition and the surviving features suggests it is 18th century.

### *Discussion*

- B.3.4 Shards of glass from utility bottles are not an uncommon find, even on what is still a relatively rural location in the 18th century. Neither vessel is closely datable, and they were recovered with no other datable finds, although the bottle shard may indicate a date for ditch **115**. Neither find is significant and they represent casual discard rather than deliberate deposition. The plain and fragmentary nature of the total assemblage means it is of little significance. The statement above acts as a full record and the glass may be deselected prior to archival deposition.

## APPENDIX C ENVIRONMENTAL REPORTS

### C.1 Environmental Samples

*By Martha Craven*

#### **Introduction**

C.1.1 A total of 14 bulk samples were taken from features within the excavated areas at the site. The samples were taken from a variety of features that are thought to be either Middle Bronze Age or post-medieval in date. The purpose of this assessment is to determine whether plant remains and other environmental indicators such as molluscs are present, their mode of preservation and their contribution to interpreting aspects such as diet, economy, industry and trade.

#### **Methodology**

C.1.2 Each sample was processed by tank flotation using modified Siraf-type equipment for the recovery of preserved plant remains, dating evidence and any other artefactual evidence that might be present. The floating component (flot) of the samples was collected in a 0.3mm nylon mesh and the residue was washed through 10mm, 5mm, 2mm and a 0.5mm sieve.

C.1.3 A magnet was dragged through each residue fraction for the recovery of magnetic residues prior to sorting for artefacts. Any artefacts present were noted and reintegrated with the hand-excavated finds.

C.1.4 The dried flots were subsequently sorted using a binocular microscope at magnifications up to x 60 and an abbreviated list of the recorded remains are presented in Table 6.

C.1.5 Identification of plant remains is with reference to the Digital Seed Atlas of the Netherlands (Cappers *et al.* 2006) and OAE's reference collection. Nomenclature is according to Zohary and Hopf (2000) for cereals and Stace (2010) for other plants. The identification of cereals has been based on the characteristic morphology of the grains and chaff as described by Jacomet (2006).

#### **Quantification**

C.1.6 For the purpose of this assessment, items such as cereal grains have been scanned and recorded qualitatively according to the following categories:

C.1.7 # = 1-5, ## = 6-25, ### = 26-100, #### = 100+ specimens

C.1.8 Items that cannot be easily quantified such as molluscs have been scored for abundance

C.1.9 + = rare, ++ = moderate, +++ = frequent, ++++ = abundant, +++++ = super abundant

C.1.10 Key to table: f=fragment

## Results

- C.1.11 The botanical material from this site is extremely sparse and consists of carbonised (charred) plant remains only.
- C.1.12 Cereal grains were present in three of the samples but only as single specimens or fragments. The fragmented cereal grains were too poorly preserved to be identified but the single cereal grain in Sample 202, fill 530 of pit **529** (Area 2), was identified as free-threshing wheat (*Triticum aestivum/turgidum*).
- C.1.13 The samples are either devoid of or contain only small quantities of charcoal. As sample of charcoal from deposit 540, sample 206 (from enclosure ditch **537**) was selected for radiocarbon dating.
- C.1.14 The majority of the samples from this site do not contain molluscs, however four of the samples do contain small quantities.

| Sample No. | Context No. | Cut No.    | Area No. | Feature Type | Volume processed (L) | Flot Volume (ml) | Cereals | Molluscs | Charcoal Volume (ml) | Pottery |
|------------|-------------|------------|----------|--------------|----------------------|------------------|---------|----------|----------------------|---------|
| 1          | 106         | <b>105</b> | Area 1   | Ditch        | 16                   | 5                | 0       | ++       | <1                   | 0       |
| 2          | 127         | <b>126</b> | Area 1   | Quarry       | 14                   | 1                | 0       | +        | <1                   | 0       |
| 3          | 137         | <b>136</b> | Area 1   | Other Cut    | 8                    | <1               | 0       | 0        | 0                    | 0       |
| 4          | 139         | <b>138</b> | Area 1   | Pit          | 16                   | 25               | 0       | 0        | 5                    | 0       |
| 5          | 156         | <b>155</b> | Area 1   | Pit          | 16                   | 4                | #       | +        | <1                   | 0       |
| 6          | 158         | <b>157</b> | Area 1   | Pit          | 16                   | <1               | 0       | 0        | 1                    | 0       |
| 7          | 176         | <b>175</b> | Area 1   | Ditch        | 16                   | 3                | 0       | +        | <1                   | #       |
| 200        | 504         | <b>503</b> | Area 2   | Posthole     | 4                    | <1               | #       | 0        | <1                   | 0       |
| 201        | 520         | <b>519</b> | Area 2   | Pit          | 8                    | <1               | 0       | 0        | <1                   | 0       |
| 202        | 530         | <b>529</b> | Area 2   | Pit          | 8                    | <1               | #       | 0        | 0                    | 0       |
| 203        | 547         | <b>544</b> | Area 2   | Ditch        | 16                   | 60               | 0       | 0        | <1                   | 0       |
| 204        | 534         | <b>533</b> | Area 2   | Ditch        | 16                   | 5                | 0       | 0        | 0                    | 0       |
| 205        | 560         | <b>559</b> | Area 2   | Ditch        | 14                   | 1                | 0       | 0        | <1                   | 0       |
| 206        | 540         | <b>537</b> | Area 2   | Ditch        | 16                   | 15               | 0       | 0        | 5                    | 0       |

Table 6: Environmental samples

## Discussion

- C.1.15 The small quantity of plant remains recovered from these samples is not indicative of deliberate deposition and is likely to represent a background scatter of refuse from activity in the area. Unfortunately, little can be inferred about the history of the site or its surrounding environs due to the low density and diversity of plant taxa.
- C.1.16 The samples from this site have been fully processed, assessed, and warrant no further work. Any remaining soil samples can be dispersed.



## C.2 Animal Bone

*By Zoe Ui Choileáin*

### *Introduction*

C.2.1 An incomplete medium mammal humerus was collected by hand from ditch **2507E**.

### *Methodology*

C.2.2 The method used to quantify this assemblage was a modified version of that devised by Albarella and Davis (1996). Identification of all bone was attempted but only those that could be clearly narrowed to species were used for NISP (number of identifiable species) and MNI (minimum number of individuals) counts. MNI was calculated for all species present. MNI estimates the smallest number of animals that could be represented by the elements recovered. Identification of the faunal remains was carried out at Oxford Archaeology East.

C.2.3 The surface condition of the bone was assessed using the 0-5 scale devised by McKinley, where 0 represents no erosion and 5 represents the total erosion of the surface bone (2004, 16, Fig. 6). Any material recovered from samples has not been recorded.

### *Assemblage and Discussion*

C.2.4 An incomplete sheep/goat humerus (6g), McKinley grade 4, was recovered from ditch **2507E**. No other bone was recovered from the evaluation or subsequent excavation and the humerus therefore represents an NISP and MNI of 1. Post-medieval glass was recovered from the same context.

C.2.5 This is a small assemblage that can provide little information about the nature of the site and most probably represents deposition of domestic rubbish.

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### Online resources

BGS map viewer <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>

## APPENDIX E      RADIOCARBON DATE CERTIFICATE



Scottish Universities Environmental Research Centre

Rankine Avenue, Scottish Enterprise Technology Park, East Kilbride, Glasgow G75 0QF, Scotland, UK  
Director: Professor F M Stuart   Tel: +44 (0)1355 223332   Fax: +44 (0)1355 229898   www.glasgow.ac.uk/suerc



### RADIOCARBON DATING CERTIFICATE

17 February 2021

**Laboratory Code**                      SUERC-96528 (GU57115)

**Submitter**                                Rachel Fosberry  
Oxford Archaeology East  
15 Trafalgar Way  
Bar Hill  
Cambridgeshire  
CB23 8SQ

**Site Reference**                          ENF150523

**Context Reference**                      540

**Sample Reference**                        206

**Material**                                  Charcoal : Prunus sp

**δ<sup>13</sup>C relative to VPDB**                -25.7 ‰

**Radiocarbon Age BP**                  3192 ± 24

**N.B.**    The above <sup>14</sup>C age is quoted in conventional years BP (before 1950 AD) and requires calibration to the calendar timescale. The error, expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Laboratory and should be quoted as such in any reports within the scientific literature. The laboratory GU coding should also be given in parentheses after the SUERC code.

Detailed descriptions of the methods employed by the SUERC Radiocarbon Laboratory can be found in Dunbar et al. (2016) *Radiocarbon* 58(1) pp.9-23.

For any queries relating to this certificate, the laboratory can be contacted at [suerc-c14lab@glasgow.ac.uk](mailto:suerc-c14lab@glasgow.ac.uk).

Conventional age and calibration age ranges calculated by :      E. Dunbar

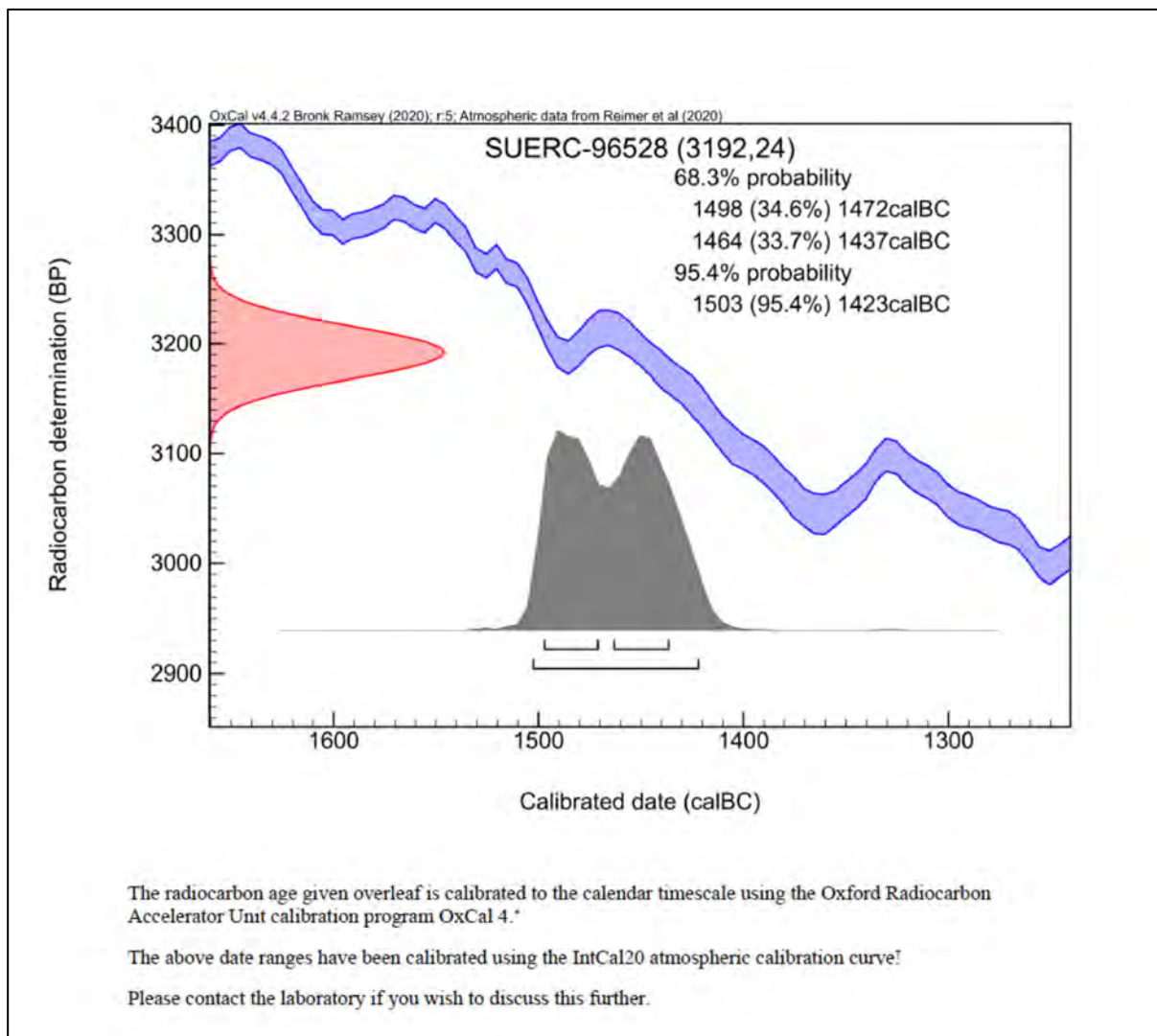
Checked and signed off by :      P. Nayantob



The University of Glasgow, charity number SC004401



The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC005336



## APPENDIX F OASIS FORM

### Project Details

|                    |  |                  |          |
|--------------------|--|------------------|----------|
| OASIS Number       | oxfordar3-417799   |                  |          |
| Project Name       | Middle Bronze Age enclosure and post-medieval activity on land west of Brandon Road, Swaffham, Norfolk |                  |          |
| Start of Fieldwork | 17/11/20   | End of Fieldwork | 11/12/20 |
| Previous Work      | no   | Future Work      | no       |

### Project Reference Codes

|                           |   |                   |                 |
|---------------------------|---|-------------------|-----------------|
| Site Code                 | ENF150323                                     | Planning App. No. | 3PL/2017/1487/O |
| HER Number                | ENF150323                                     | Related Numbers   |                 |
| Prompt                    | NPPF  |                   |                 |
| Development Type          | Residential                                   |                   |                 |
| Place in Planning Process | After full determination (eg. As a condition) |                   |                 |

### Techniques used (tick all that apply)

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Aerial Photography – interpretation | <input checked="" type="checkbox"/> Open area excavation | <input type="checkbox"/> Remote Operated Vehicle Survey         |
| <input type="checkbox"/> Aerial Photography - new            | <input type="checkbox"/> Gravity-core                    | <input type="checkbox"/> Sample Trenches                        |
| <input type="checkbox"/> Annotated Sketch                    | <input type="checkbox"/> Laser Scanning                  | <input type="checkbox"/> Survey/Recording of Fabric/Structure   |
| <input type="checkbox"/> Augering                            | <input type="checkbox"/> Measured Survey                 | <input type="checkbox"/> Targeted Trenches                      |
| <input type="checkbox"/> Dendrochronological Survey          | <input checked="" type="checkbox"/> Metal Detectors      | <input type="checkbox"/> Test Pits                              |
| <input type="checkbox"/> Documentary Search                  | <input type="checkbox"/> Phosphate Survey                | <input type="checkbox"/> Topographic Survey                     |
| <input checked="" type="checkbox"/> Environmental Sampling   | <input type="checkbox"/> Photogrammetric Survey          | <input type="checkbox"/> Vibro-core                             |
| <input type="checkbox"/> Fieldwalking                        | <input type="checkbox"/> Photographic Survey             | <input type="checkbox"/> Visual Inspection (Initial Site Visit) |
| <input type="checkbox"/> Geophysical Survey                  | <input type="checkbox"/> Rectified Photography           |   |

| Monument | Period                               | Object  | Period                               |
|----------|--------------------------------------|---------|--------------------------------------|
| ditch    | Middle Bronze Age (- 1600 to - 1000) | pottery | Middle Bronze Age (- 1600 to - 1000) |
| pit      | Middle Bronze Age (- 1600 to - 1000) | pottery | Late Bronze Age (- 1000 to - 700)    |
| ditch    | Post Medieval (1540 to 1901)         | pottery | Early Iron Age (- 800 to - 400)      |

Insert more lines as appropriate.

### Project Location

|                    |                |  |
|--------------------|----------------|--|
| County             | Norfolk        | Address (including Postcode)<br>Land west of Brandon Road<br>Swaffham<br>Norfolk<br>PE37 7SQ |
| District           | Breckland      |  |
| Parish             | Swaffham       |  |
| HER office         | Norfolk        |  |
| Size of Study Area | 0.8ha          |  |
| National Grid Ref  | TF 81830 07250 |  |

### Project Originators

|                           |                         |
|---------------------------|-------------------------|
| Organisation              | Oxford Archaeology East |
| Project Brief Originator  | John Percival           |
| Project Design Originator | Pat Moan                |
| Project Manager           | Pat Moan                |
| Project Supervisor        | Kathryn Blackburn       |

### Project Archives

|                          | Location              | ID        |
|--------------------------|-----------------------|-----------|
| Physical Archive (Finds) | Norwich Castle Museum | ENF150323 |
| Digital Archive          | Norwich Castle Museum | ENF150323 |
| Paper Archive            | Norwich Castle Museum | ENF150323 |

| Physical Contents   | Present?                            | Digital files associated with Finds | Paperwork associated with Finds     |
|---------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Animal Bones        | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ceramics            | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Environmental       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Glass               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Human Remains       | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Industrial          | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Leather             | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Metal               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Stratigraphic       |                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Survey              |                                     | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Textiles            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Wood                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Worked Bone         | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Worked Stone/Lithic | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| None                | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Other               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |

### Digital Media

|                                |                                     |
|--------------------------------|-------------------------------------|
| Database                       | <input checked="" type="checkbox"/> |
| GIS                            | <input checked="" type="checkbox"/> |
| Geophysics                     | <input type="checkbox"/>            |
| Images (Digital photos)        | <input checked="" type="checkbox"/> |
| Illustrations (Figures/Plates) | <input checked="" type="checkbox"/> |
| Moving Image                   | <input type="checkbox"/>            |
| Spreadsheets                   | <input checked="" type="checkbox"/> |
| Survey                         | <input checked="" type="checkbox"/> |
| Text                           | <input checked="" type="checkbox"/> |
| Virtual Reality                | <input type="checkbox"/>            |

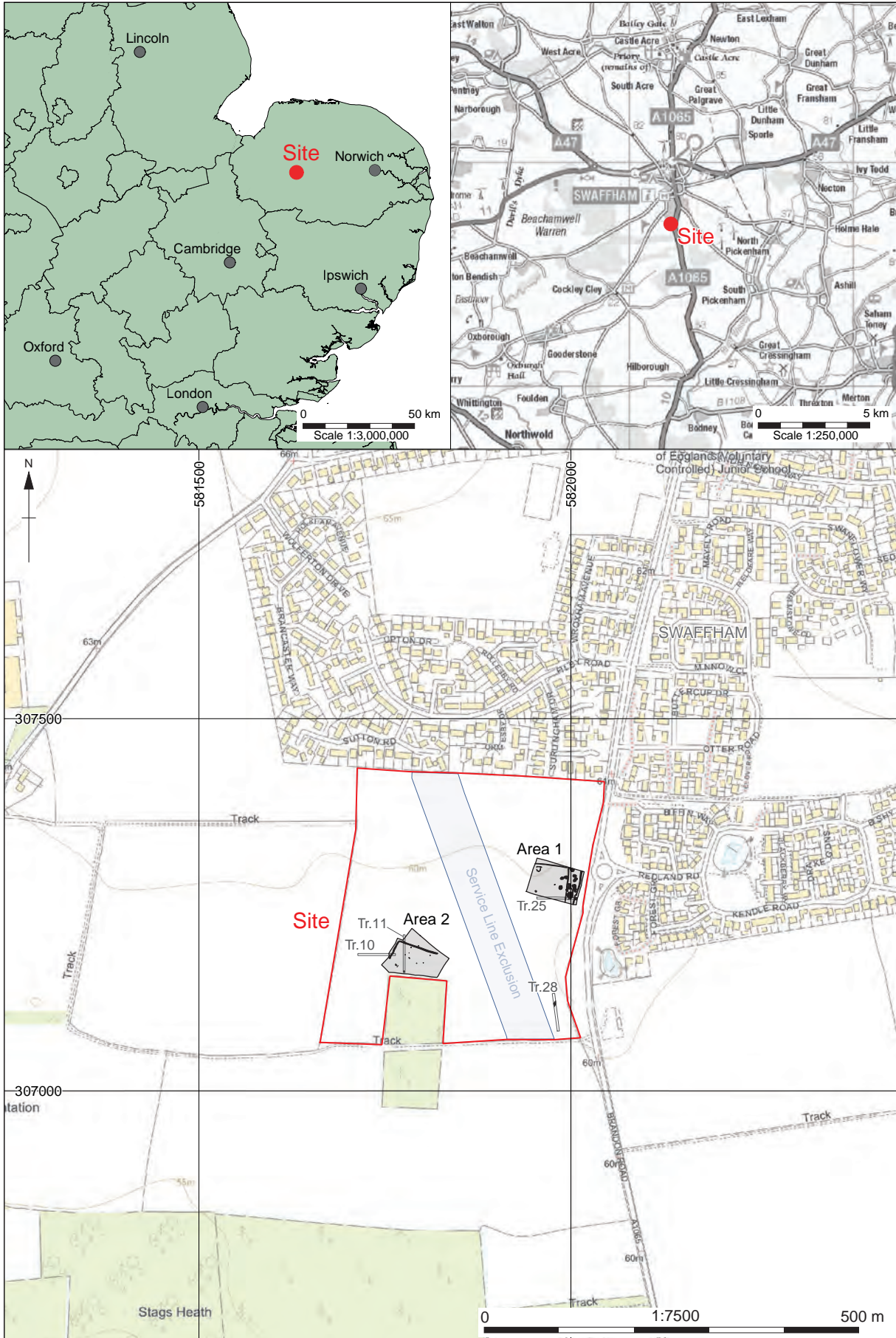
### Paper Media

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Aerial Photos                    | <input type="checkbox"/>            |
| Context Sheets                   | <input checked="" type="checkbox"/> |
| Correspondence                   | <input type="checkbox"/>            |
| Diary                            | <input type="checkbox"/>            |
| Drawing                          | <input type="checkbox"/>            |
| Manuscript                       | <input type="checkbox"/>            |
| Map                              | <input type="checkbox"/>            |
| Matrices                         | <input type="checkbox"/>            |
| Microfiche                       | <input type="checkbox"/>            |
| Miscellaneous                    | <input type="checkbox"/>            |
| Research/Notes                   | <input type="checkbox"/>            |
| Photos (negatives/prints/slides) | <input type="checkbox"/>            |
| Plans                            | <input checked="" type="checkbox"/> |

|          |                                     |
|----------|-------------------------------------|
| Report   | <input checked="" type="checkbox"/> |
| Sections | <input checked="" type="checkbox"/> |
| Survey   | <input checked="" type="checkbox"/> |

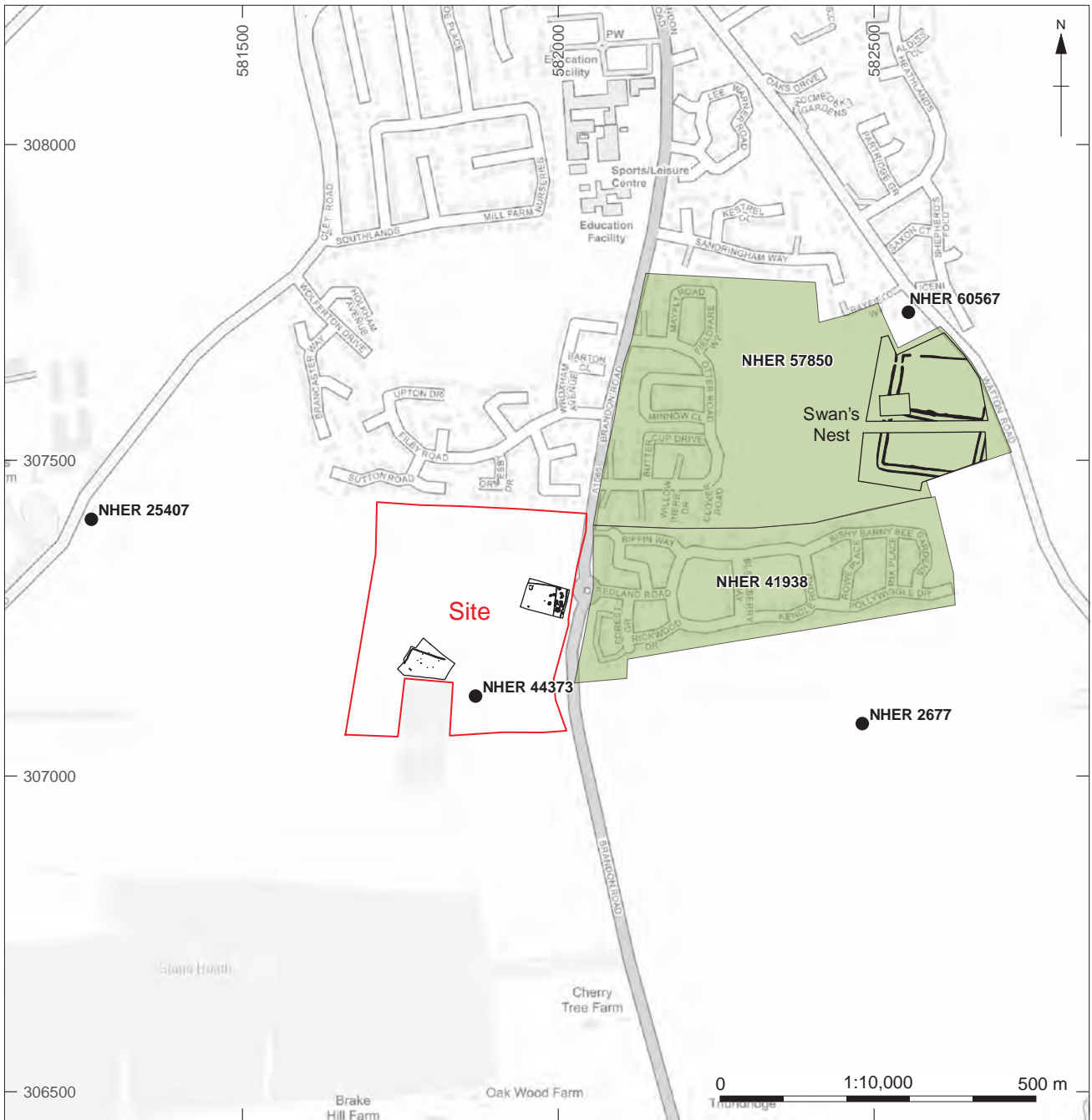
## Further Comments





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Figure 1: Site location



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Figure 2: HER Map, with the Swan's Nest Middle Bronze Age enclosure (after White 2019, fig. 2)

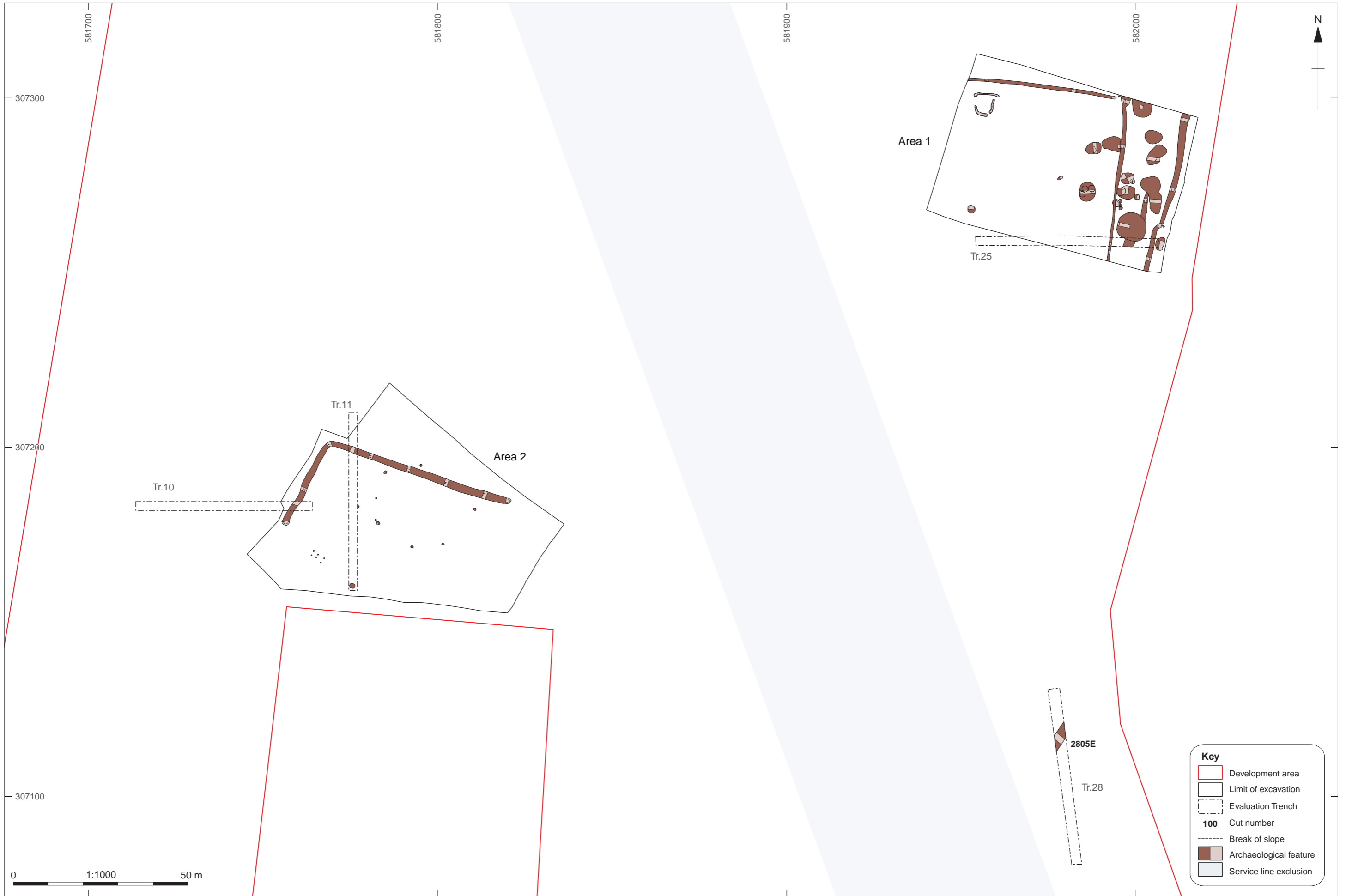


Figure 3: All features plan

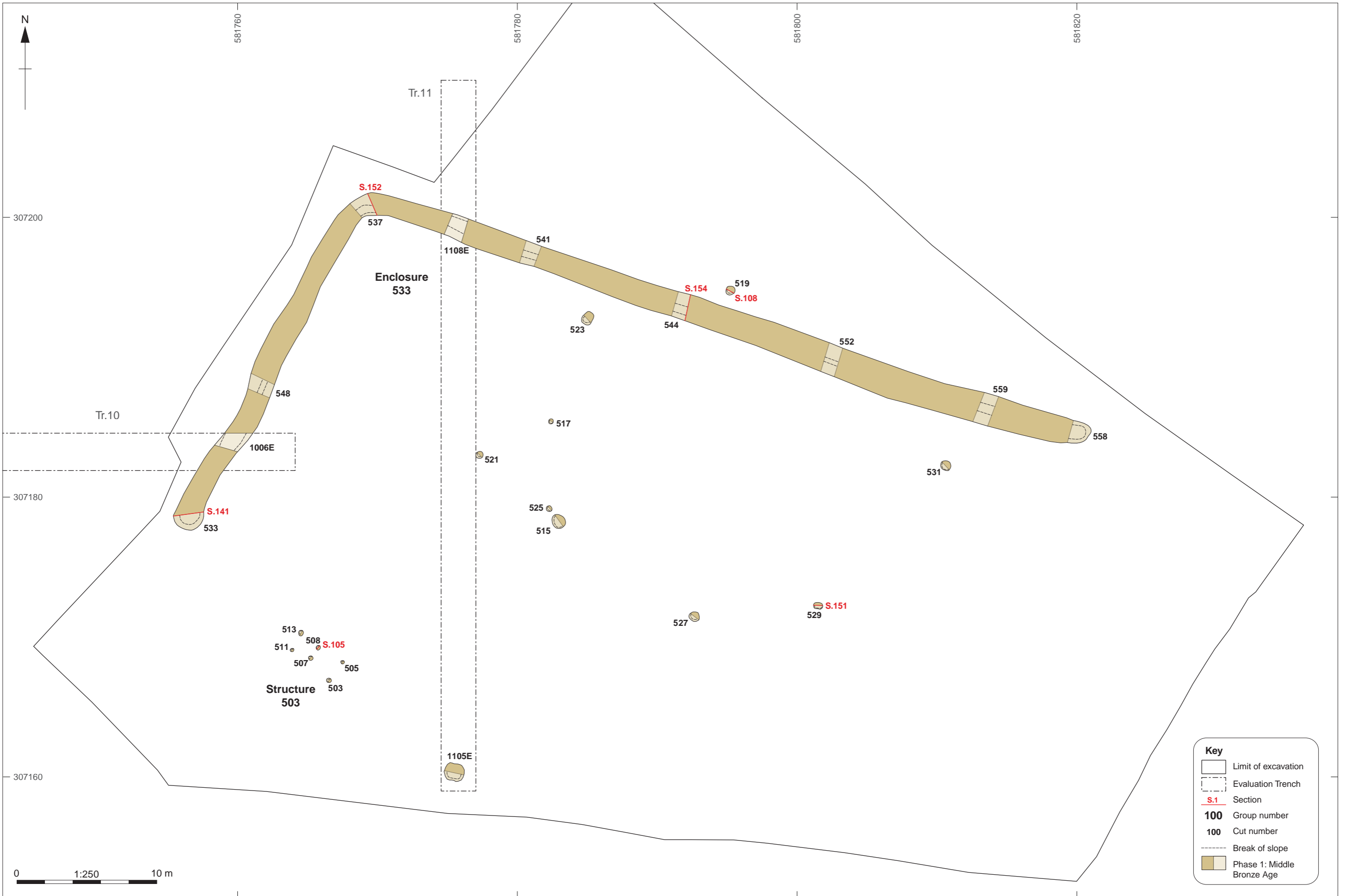
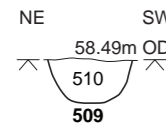


Figure 4: Area 2

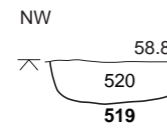


**Phase 1**

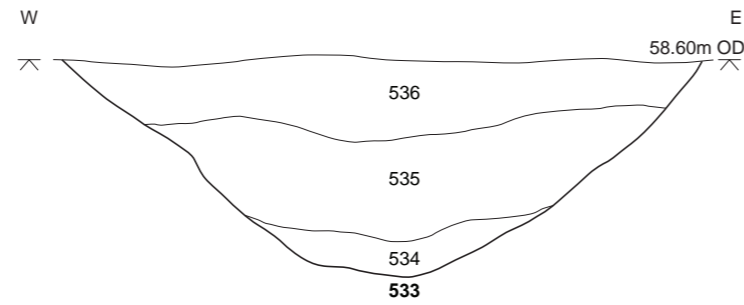
**Section 105**



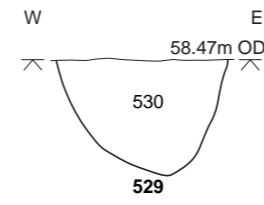
**Section 108**



**Section 141**



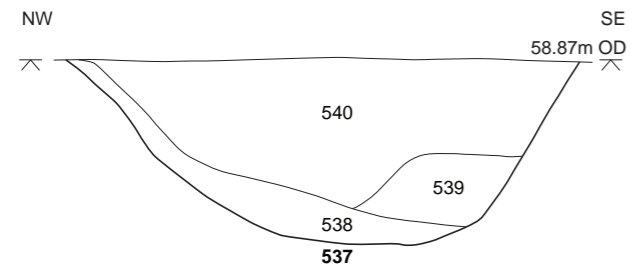
**Section 151**



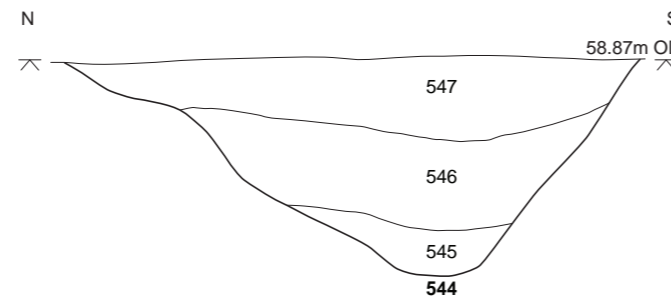
**Key**

- - - - - Limit of Excavation
- Top surface
- Cut
- Deposit Horizon
- 117** Cut Number
- 116** Deposit Number
- 32.26 m OD Level

**Section 152**

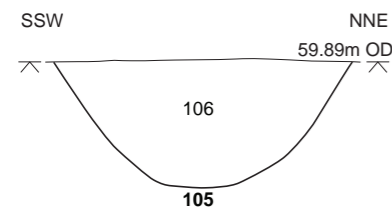


**Section 154**

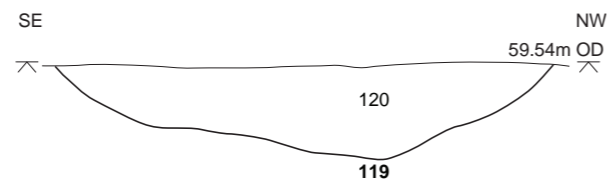


**Phase 2**

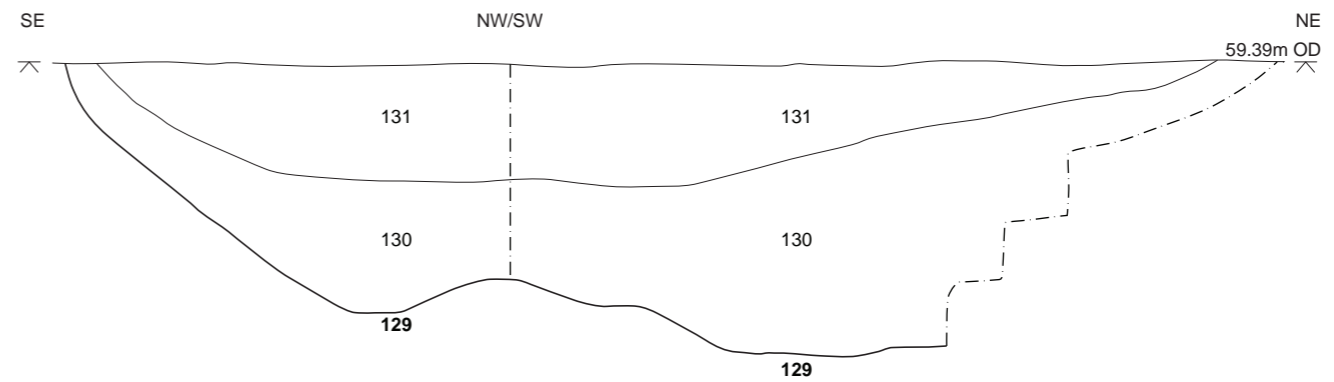
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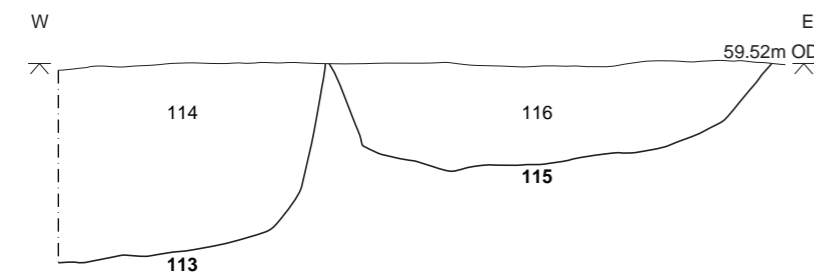
**Section 111**



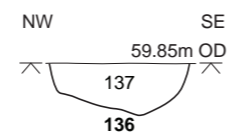
**Section 113**



**Section 121**



**Section 130**



**Section 156**

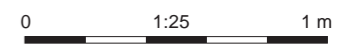
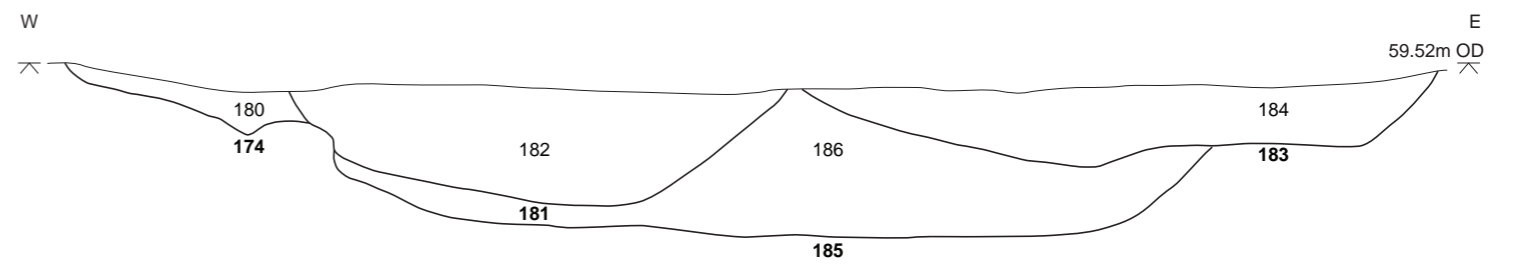


Figure 6: Selected sections



Plate 1: Ditch **541** (Enclosure 533), Phase 1, looking south-east



Plate 2: Structure **503**, Phase 1, looking south-east



Plate 3: Pit 515, Phase 1, looking north-east



Plate 4: Ditch 105, Phase 2, looking west north-west





Plate 5: Ditch 119, Phase 2, looking south south-west



Plate 6: Hayrick 136, Phase 2, looking north-east



Plate 7: Quarry pit 123 (Pit group 113), Phase 2, looking south



Plate 8: Quarry pits 126, 139 and 132 (Pit group 113), Phase 2, looking north-west



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