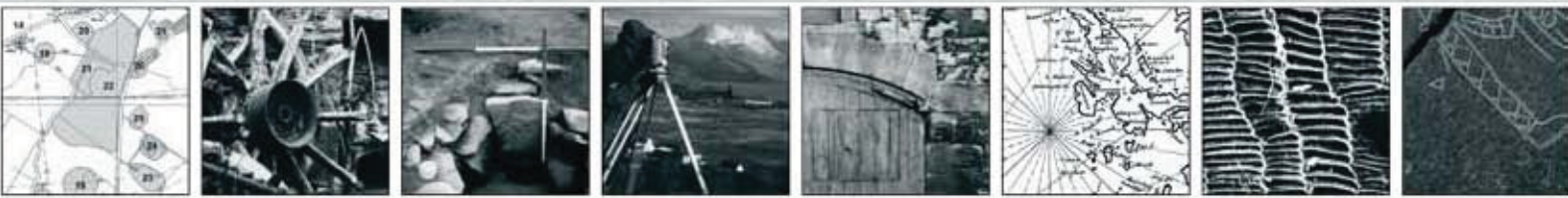


CLFD12/001



CHURCH LANE, DEAL, KENT

Results of an Archaeological Evaluation

*commissioned by CgMs on behalf of
Persimmon Homes South*

July 2013

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CONTENTS

| | | |
|-------|--|----|
| 1 | INTRODUCTION | 1 |
| 1.1 | Planning background | 1 |
| 1.2 | Site location and background | 1 |
| 1.3 | Archaeological background | 1 |
| 2 | METHODOLOGY | 2 |
| 2.1 | Objectives | 2 |
| 2.2 | Methodology | 2 |
| 2.3 | Recording | 2 |
| 3 | RESULTS | 2 |
| 3.1 | Introduction | 2 |
| 3.2 | Central area (1–15, 18–24) (Illus 2) | 6 |
| 3.2.1 | <i>Neolithic pits</i> | 6 |
| 3.2.2 | <i>Prehistoric field systems</i> | 9 |
| 3.3 | Northern trenches (16 and 17) (Illus 3) | 10 |
| 3.4 | South-western trenches (25–33) (Illus 4) | 11 |
| 3.4.1 | <i>Undated pits</i> | 12 |
| 3.4.2 | <i>Undated post-holes</i> | 12 |
| 3.5 | Description of the significance of the heritage assets | 12 |
| 4 | FINDS ASSESSMENT | 13 |
| 4.1 | Pottery | 13 |
| 4.2 | Chipped stone | 14 |
| 4.3 | Other finds | 14 |
| 5 | ENVIRONMENTAL ASSESSMENT | 14 |
| 5.1 | Method | 14 |
| 5.2 | Results | 14 |
| 5.2.1 | <i>Wood charcoal</i> | 15 |
| 5.2.2 | <i>Charred cereal grain</i> | 15 |
| 5.2.3 | <i>Other plant remains</i> | 15 |
| 5.2.4 | <i>Other environmental material</i> | 15 |
| 5.3 | Discussion | 15 |
| 6 | DISCUSSION | 15 |
| 6.1 | Conclusions | 15 |
| 6.2 | 6.2 Development Impacts | 16 |

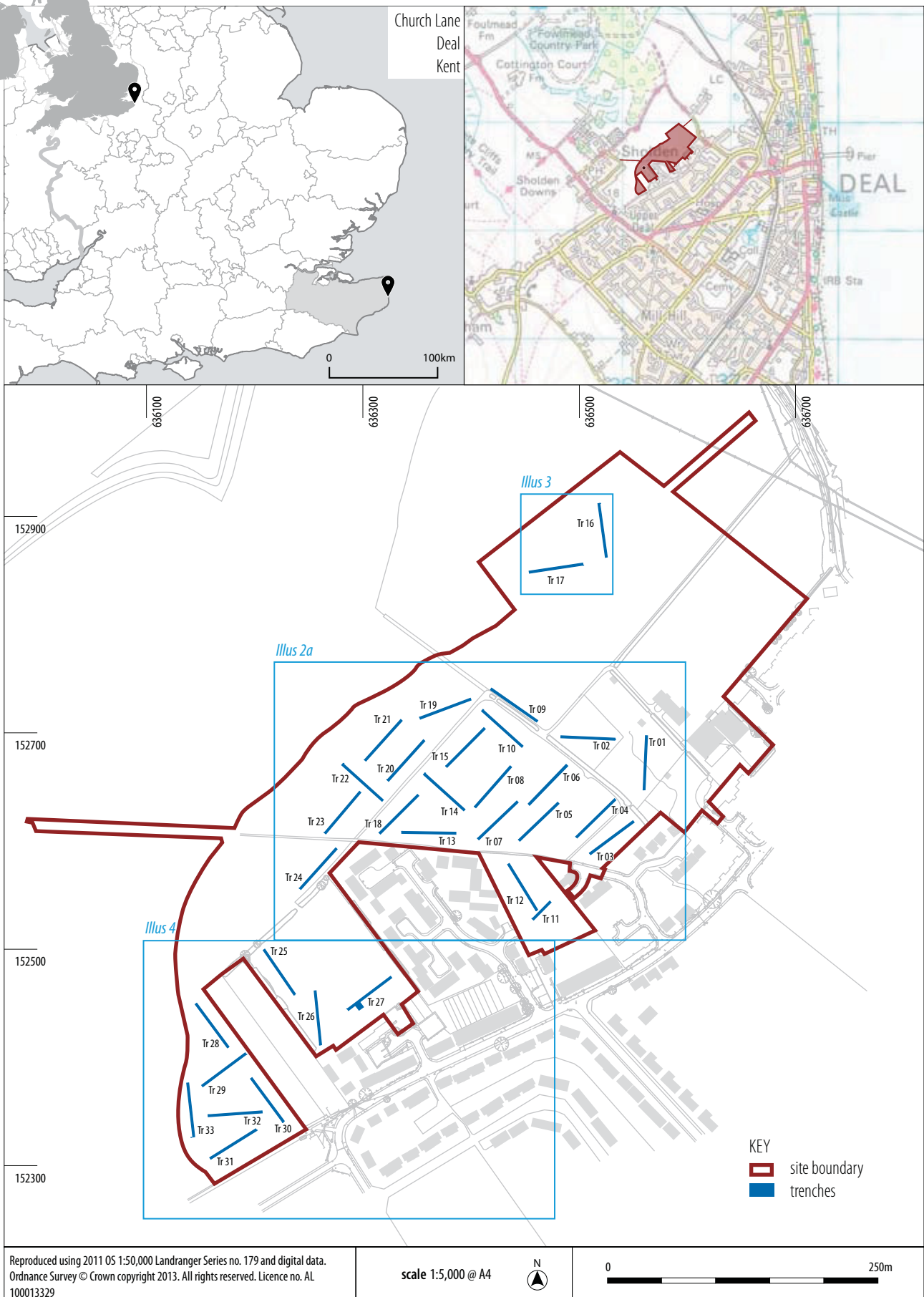
| | | |
|---|---|----|
| 7 | REFERENCES | 16 |
| | 7.1 Bibliography | 16 |
| 8 | APPENDICES | 17 |
| | Appendix 1 Site registers | 17 |
| | <i>Appendix 1.1 Trench register</i> | 17 |
| | <i>Appendix 1.2 Context register</i> | 17 |
| | <i>Appendix 1.3 Photographic register</i> | 21 |
| | Appendix 2 Finds catalogues | 24 |
| | Appendix 3 Environmental results | 29 |
| | <i>Appendix 3.1 Retent results</i> | 29 |
| | <i>Appendix 3.2 Flot results</i> | 29 |

LIST OF ILLUSTRATIONS

| | |
|---|------|
| <i>Illus 1</i> | viii |
| <i>Site location</i> | |
| <i>Illus 2a</i> | 3 |
| <i>Plan of central trenches</i> | |
| <i>Illus 2b</i> | 5 |
| <i>Archaeological features in trenches 1, 19, 21 & 23</i> | |
| <i>Illus 3</i> | 6 |
| <i>Plan of northern trenches</i> | |
| <i>Illus 4</i> | 7 |
| <i>Plan of southwestern trenches</i> | |
| <i>Illus 5</i> | 9 |
| <i>Sections in trenches 21, 7 & 2</i> | |
| <i>Illus 6</i> | 10 |
| <i>Sections in trenches 16, 1 & 11</i> | |
| <i>Illus 7</i> | 10 |
| <i>NE facing section of terminus [1805]</i> | |
| <i>Illus 8</i> | 10 |
| <i>ESE facing section of gully [1905] & ditch [1907]</i> | |
| <i>Illus 9</i> | 11 |
| <i>SW facing section of pit [2109] & gully [2111]</i> | |
| <i>Illus 10</i> | 11 |
| <i>NE facing section of gully [206] and post-hole [208]</i> | |
| <i>Illus 11</i> | 11 |
| <i>N facing shot of excavated features in Trench 1</i> | |
| <i>Illus 12</i> | 12 |
| <i>E facing section of pit [109]</i> | |
| <i>Illus 13</i> | 12 |
| <i>Trench 23 facing SW</i> | |
| <i>Illus 14</i> | 13 |
| <i>Broken, unfinished leafshaped arrowhead from Tr 15, [1508]</i> | |
| <i>Illus 15</i> | 13 |
| <i>Decorated pottery from Tr 19, [1914]</i> | |

LIST OF TABLES

| | |
|--|----|
| <i>Table 1</i> | 12 |
| <i>Significance of Heritage Assets (HA)</i> | |
| <i>Table 2</i> | 13 |
| <i>Quantification of finds by trench, with spot dating</i> | |



Illus 1

Site location

CHURCH LANE, DEAL, KENT

Results of an Archaeological Evaluation

Headland Archaeology Ltd conducted an evaluation at a proposed development site on land at Church Lane, Deal, Kent in order to provide further information on the archaeological potential of the site. The work was commissioned by CgMs acting on behalf of Persimmon Homes South East. A total of thirty-three trenches were excavated over the Development Area (DA) which revealed the remains of Neolithic pits and prehistoric field systems containing residual artefactual material from the Neolithic and Bronze Age.

1 INTRODUCTION

1.1 PLANNING BACKGROUND

Persimmon Homes South East (the client) is proposing the construction of residential dwellings on land at Church Lane, Sholden, near Deal, Kent (planning application DOV/10/01012). This land is henceforth referred to as the Development Area (DA). An archaeological desk-based assessment (Entec 2010) highlighted that the DA lies within an area of archaeological potential for prehistoric, Romano-British and medieval periods.

Due to the potential impact of the development on archaeological remains, Kent County Council's County Archaeological Officer (CAO) has recommended to Dover District Council that a programme of archaeological investigation be undertaken as a condition of planning consent for the development. The wording of the condition is as follows:

No development shall take place on a phase or part phase of the development until the applicant(s), or their agents or successors in title, has or have secured the implementation of:

- i. archaeological field evaluation works in accordance with a specification and written timetable which has been submitted to and approved by the Local Planning Authority. The archaeological field evaluation shall be completed and reported on prior to the layout and detailed being finalised; and*
- ii. following on from the evaluation, any safeguarding measures to ensure preservation in situ of important archaeological remains and/or further archaeological investigation and recording in accordance*

with a specification and timetable which has been submitted to and approved by the Local Planning Authority (South East plan Policy BE6).

CgMs acting on behalf of the client, agreed a programme of trial trenching with Kent's CAO. CgMs commissioned Headland Archaeology to produce a Written Scheme of Investigation (WSI) for the work, implement the trial trenching and prepare a report on the results (this document).

1.2 SITE LOCATION AND BACKGROUND

The DA lies within a pocket of agricultural land between Deal and the Village of Sholden, Kent. It is bordered to the north and west by open fields and to the south and east by residential dwellings. The land lies between c.5-10m OD and slopes gently downward to the NE. At the time of the trenching evaluation, land use comprised rhubarb and wheat crops with small areas of scrubland.

The solid geology comprises largely of brick earth overlying chalk (www.bgs.ac.uk).

1.3 ARCHAEOLOGICAL BACKGROUND

A detailed archaeological background of a study area comprising land within a 1km radius of the DA is presented in the Desk based Assessment (Entec 2010). The DBA demonstrated highlighted that the study area has potential for archaeological remains from the prehistoric, Romano-British and medieval periods.

The DA lies adjacent to a Bronze Age ritual landscape including a probable barrow cemetery (TR 35 SW 70, TR SE 108, 109, 113 and



114) c. 800m west of the DA and a crouched inhumation (TR 35 SE 9), c. 1km to the SW. The area continued to be used in this way into the Iron Age and Roman periods, as demonstrated by the presence of cremation burials (TR 35 SE 8, TR 35 SE 7). Also of significance is the Roman Villa at Hull Palace (TR 35 SE 4), c. 50-75m north-east of the DA which has been identified via parch marks and finds of flue tile, pottery and painted wall plaster. Between 2005 and 2007, excavations at Hull Place undertaken by Dover Archaeological Group confirmed the presence of the villa and demonstrated it was composed of two separate, successive dwellings (Parfitt 2005). Investigations also revealed that beneath the villa were the remains of pits, ditches, post-holes, gullies and ovens. These indicate that the villa developed from a pre-conquest farmstead. Recent excavations on land to the SW of the villa site revealed pits and ditches likely to be associated with the periphery of the villa complex, including a large assemblage of domestic pottery and a cremation burial (Headland Archaeology In prep.).

Immediately adjacent to the DA are cremations associated with 'Belgic' pottery and brooches (MKE7351, c. 50m west of the DA – Entec 2010)) as well as a group of 2nd century Roman cremations (MKE7341, 100m south of the DA – Entec 2010). The presence of human burials of this period in the vicinity of the DA infers the potential presence of contemporary settlement remains within or around the DA (Entec 2010).

A Saxon burial at Hull Place (TR SE 35 4) and find spot of a 6th-7th century comb (TR 35 SE 27) suggest a presence in this period, although there is no evidence of settlement activity. By the Middle Ages, settlement activity would have been focused around the 13th century church of St. Nicolas (TR 35 SE 3) c. 400m to the south and the deserted medieval village of Cottington to the NW of the DA (TR 35 SE 472, 484). The location of these suggests that the DA would have been located within agricultural land at this time. Historic maps indicate this pattern of land-use continued in to the post-medieval period.

Within the DA itself are the remains of post-medieval Sholden brickworks (at TR 363 525). There is also evidence of Second World War air defenses in the form of pillboxes on land surrounding the DA.

2 METHODOLOGY

2.1 OBJECTIVES

In general the objectives of the evaluation are presented in the WSI (Headland Archaeology 2013, Section 4).

The specific objectives of the evaluation were:

- to ascertain the extent, depth below ground surface, depth of deposit, character, date, significance and condition of any archaeological remains on site;
- to establish the extent to which previous development and/or other processes have affected archaeological deposits at the site; and
- to establish the likely impact on archaeological deposits of the proposed development.

2.2 METHODOLOGY

Fieldwork took place between the 28th May and 12th June 2013. Thirty-three trenches 50m in length and 2.0m in width were excavated (*Illus 1*). Trenches were laid out in order to determine the presence or absence of archaeological remains within the DA.

The trenches were opened down to the top of the natural geology whereupon archaeological features were hand excavated.

2.3 RECORDING

All recording was in accordance with the code of practice of the Institute for Archaeologists (IfA). All trenches and contexts were given unique numbers and all recording was undertaken on pro forma record cards that conform to accepted archaeological standards. All stratigraphic relationships were recorded.

An overall site plan at an appropriate scale and relative to the National Grid was recorded by digital survey using a differential GPS.

A full photographic record comprising colour slide and black and white print photographs was taken, supplemented with digital photography. A metric scale was clearly visible in record photographs of features and contexts.

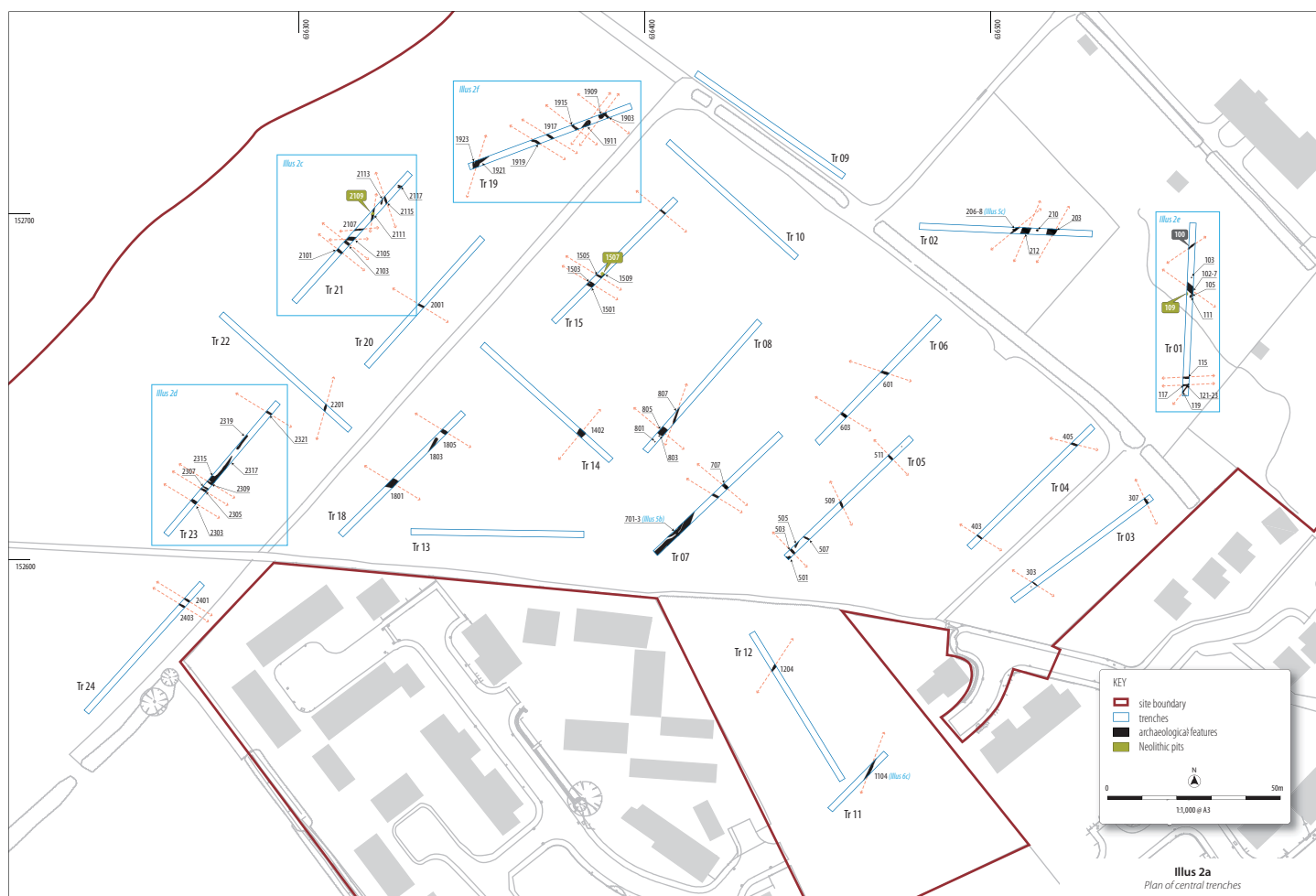
3 RESULTS

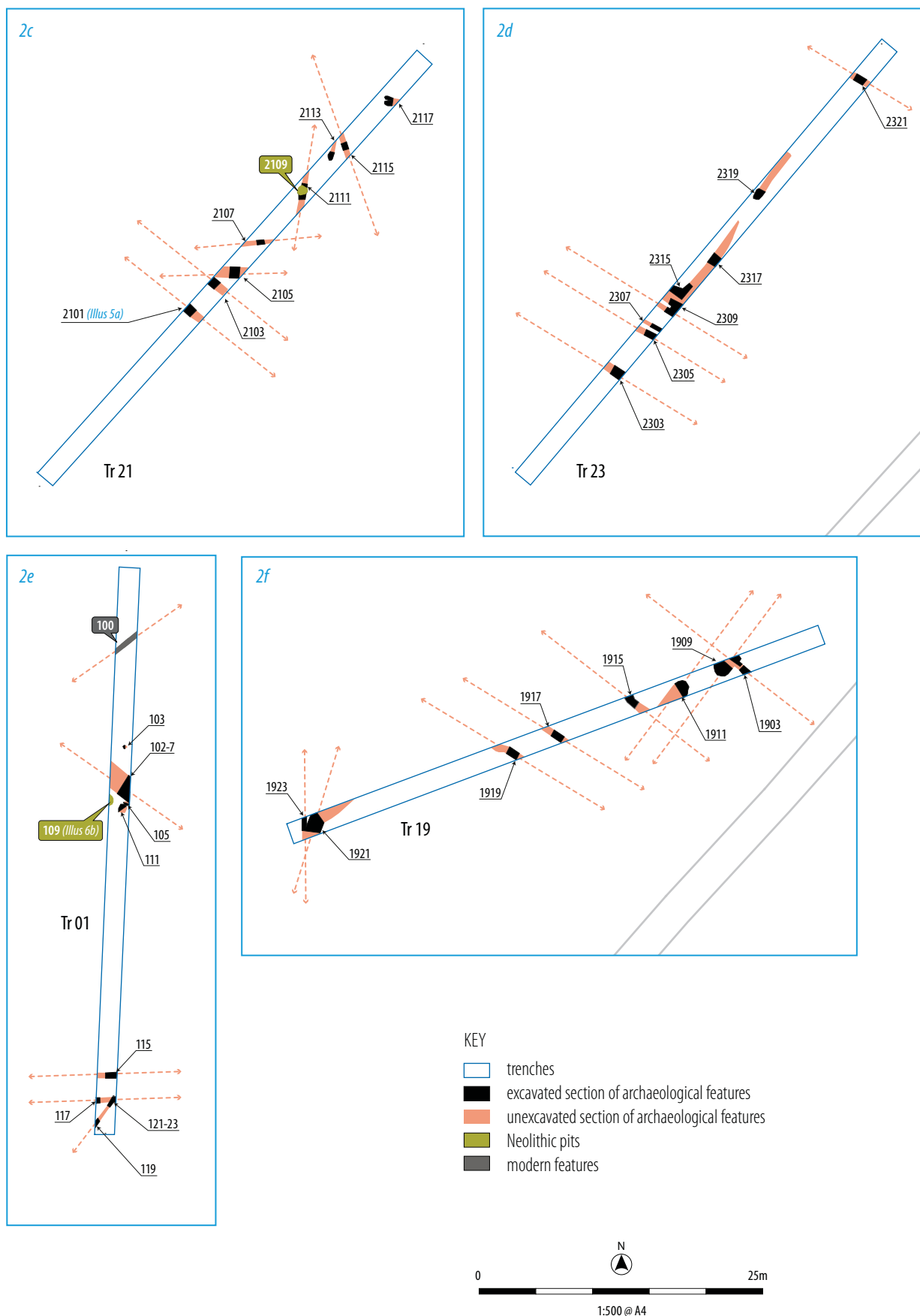
3.1 INTRODUCTION

Full trench descriptions, including orientation, length and depth of overburden are presented in Appendix 1.1. In general, the stratigraphy of the trenches comprised c. 0.35m topsoil overlying subsoil deposits up to 0.60m in depth, which in turn directly overlay natural geology. It is likely that the subsoil represents part of a former plough horizon. Indeed, the clear boundary between the subsoil and archaeological remains indicates that truncation has taken place (*Illus 6b*). Technical details of individual contexts are presented in Appendix 1.2. Context numbers are expressed according to the trench in which they were found; i.e. Trench 1 – [100], [101]; Trench 2, [200], [201] etc. Cut features are shown as [100] and the deposits within them are expressed as (102).

There was significant evidence for activity of archaeological significance revealed in the thirty-three trenches. In total archaeological features were recorded in twenty-nine trenches and only four trenches (Trenches 9, 10, 13 and 32) were found to contain no archaeological remains. In general the archaeological features recorded largely comprised ditches and gullies containing single fills which produced prehistoric pottery. Overall, the features recorded across the DA represented the remains of linear prehistoric field systems which were morphologically similar and were broadly on a NW-SE and NE-SW alignment, indicating they belong to a cohesive system. The densest activity was located within Trenches 1, 2, 5, 7, 8, 16, 19, 21 and 23 (*Illus 2-3*) with areas of slightly less dense activity in Trenches 15, 18, 29 and 33 (*Illus 2, 4*). The linear features were found to have predominately contained a single deposit of grey brown silt likely to have been caused by an alluvial activity.

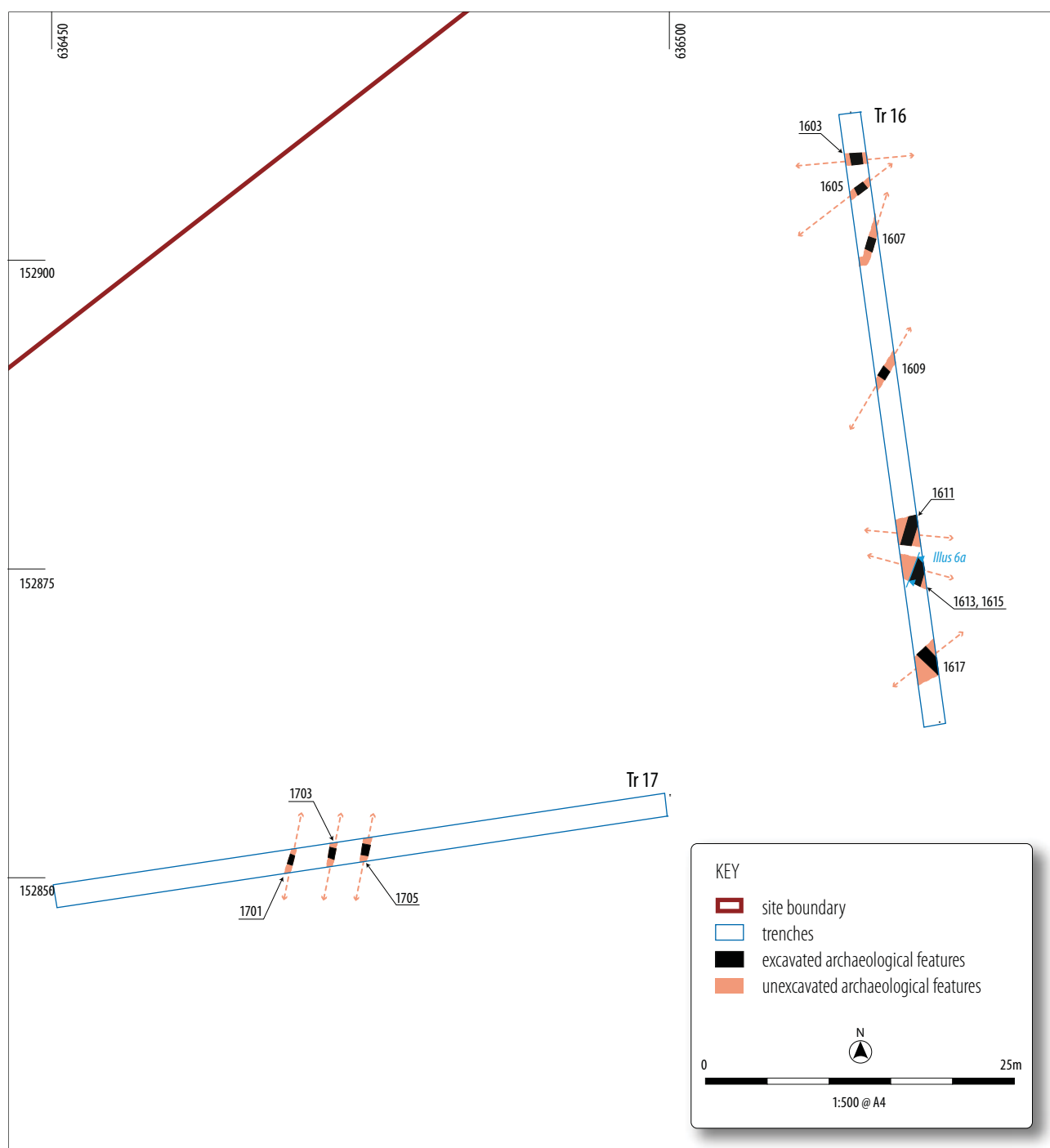
The pottery assemblage comprised sherds datable to the Neolithic, later Neolithic to Early Bronze Age and Early Bronze Age to Early





Illus 2b

Archaeological features in trenches 1, 19, 21 & 23



Illus 3

Plan of northern trenches

Iron Age. However, it was not possible to attribute the majority of the pottery assemblage to a specific prehistoric period, given the homogenous nature of the fabrics represented. Accordingly, the results are described by location (central area, northern area and south-western) and then by feature type.

3.2 CENTRAL AREA (1–15, 18–24) (ILLUS 2)

The majority of remains within the central area comprised linear features likely to be of prehistoric date. These ranged in shape and depth from shallow gullies less than 0.15m deep with concave or flat bases but larger, U-shaped to ditches up to 0.5m in depth. Several pits of probable Neolithic date were also identified.

3.2.1 NEOLITHIC PITS

A small number of pits were located across the central area. They were generally small in size and shallow in depth. Their single deposits were relatively dark compared to those of the surrounding ditches, variously containing charcoal, burnt bone and hazel shell. Several also contained pottery datable to the Neolithic. The finds assemblage and character of the deposits indicates they formed through deliberate backfilling rather than silting.

In Trench 1, located in the eastern part of the central area, contained a small pit [109] (*Illus 6c*) 0.60m wide and 0.2m deep. Its single dark silty deposit yielded 117 small sherds of Neolithic pottery, including fragments of a carinated bowl and coarse wear decorated



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with incised lines as well as a small assemblage of prehistoric flint debitage. Soil samples from the pit contained both burnt and unburned animal bone, charcoal and hazel shell. Indeed, the relatively abundant pottery, dark fill and organic material indicate deliberate backfill rather than natural silting. In addition, the sample contained very small pieces of hammerstone and a tiny fragment of possibly modern glass each less than 1 gram in weight. However, given the size of these items and the presence of worm and root holes within the overlying soil as well as roots within the soil sample itself, it is likely that these are intrusive.

In Trench 15, pit [1507] was a medium in size at 0.9m in width and 0.3m in depth. Its fill contained a leaf shaped flint arrowhead (*Illus 14*) dated to the Neolithic period. The Pit was truncated slightly by a smaller, adjacent pit [1509] which also contained prehistoric lithics including debitage and a hammer flake.

Pit [2109] (*Illus 5a*) was found to contain 11 sherds of prehistoric coarseware pottery as well as abundant charcoal, including several large pieces recovered from a soil sample. It was heavily truncated by gully [2111] which itself contained identical prehistoric pottery, although this is likely to have derived from the earlier pit. Although the finds suggest a broad prehistoric date, the morphology of the pit suggests it may be of a similar date to pit [109].

The opposite relationship is seen in Pit [208] (*Illus 5c*) which truncates gully [206]. Although the lithics within Pit [208] again suggest only a broad prehistoric date, these relationships indicate more than one phase of activity within the DA.

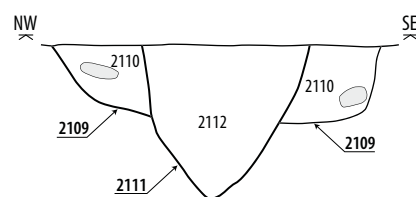
3.2.2 PREHISTORIC FIELD SYSTEMS

The majority of the linear remains found in this part of the DA, (Trenches 1-8, 15, 19, 20, 21, 23 and 24). They were aligned broadly NW-SE and have similar profiles and morphology. Indeed, the similarities between them and the consistency of their alignments indicate they are likely to represent part of an organised field system (*Illus 2*). Several additional ditches [1204, 1402 and 1803] are aligned on a perpendicular NE-SW alignment suggesting the presence of enclosures.

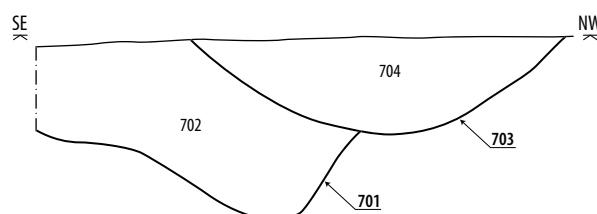
In addition to these, a number of broadly N-S aligned ditches [203, 212, 807, 1104 and 2201] indicate the possibility of a different field layout. These linear features all share similar characteristics with the NW-SE aligned systems. These systems contained pottery and lithics from the prehistoric period.

A number of larger linear features were also recorded across this central area, [102/7], [203], [212], [805], [1401], [1801], [1909] and [1911]. These were considerably wider up to 2.0m in width with depths up to 0.5m with generally flat bases. These are likely to represent parts of larger ditched enclosures, indicative of a different type of system to the smaller ditches. These features contained prehistoric pottery and lithics and ditches [203] and [1801] were found to contain sherds of Beaker but it is likely that these finds are residual.

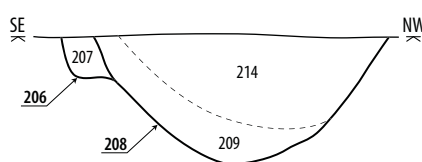
The spatial position of two pairs of opposing ditch termini [501, 505] and [1909, 1911] could represent entrances within larger linear systems, supporting the evidence for the presence of enclosures. The distances between the termini were between 2.3m–3m.



a N facing section of pit [2109] & gully [2111]



b SW facing section of ditches [701] & [703]



c NE facing section of gully [206] & pit [208]



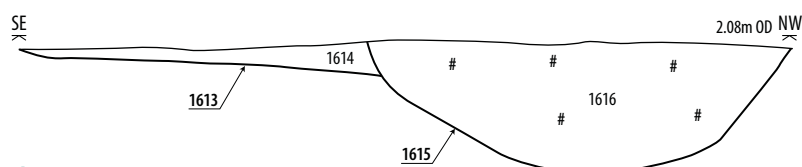
Illus 5

Sections in trenches 21, 7 & 2

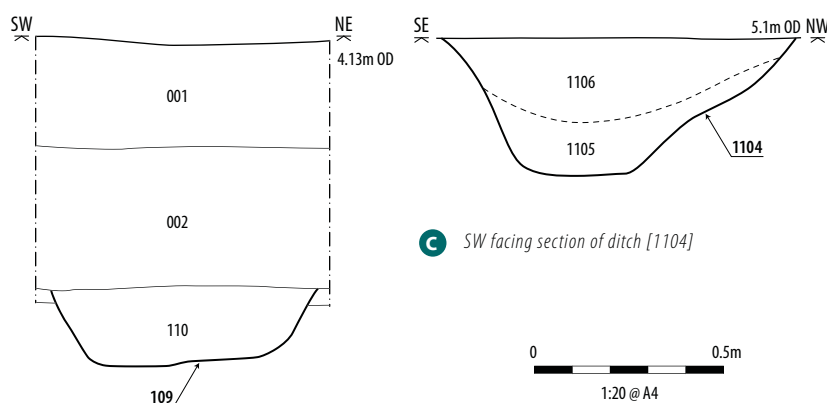
Two parallel curvilinear ditches [701 and 703] (*Illus 5b*) were located at the western end of Trench 7 with [703] truncating the earlier [701]. Again, both contained sherds of prehistoric pottery and lithics and were both approximately 1m in width and between 0.25-0.5m in depth. It is possible that these represent the remains of a small circular enclosure, with the truncation representing evidence of reorganisation and/or maintenance.

A NE-SW ditch measuring 0.3m wide and 0.1m deep in Trench 1 [100] was found to contain a small sherd of modern pottery. It was found in association with prehistoric flint debitage and pottery and it may be intrusive through root disturbance. Although this is questionable given the size of the sherd, the ditch was fully sealed by an undisturbed subsoil indicating that root disturbance or animal burrowing is the most likely explanation.

The finds within these ditches comprise abraded pottery body sherds which are of broadly prehistoric date, ranging from the Neolithic to Bronze Age, but with very few diagnostic sherds attestable to a specific period. The presence of prehistoric worked



a SW facing section of pit [1615] cutting [1613]



b East facing section of pit [109]



flint and debitage within the ditches supports this broad date.

Flints recovered from Trenches 4 [403], 7 [707] and 15 [1507] comprised ventral flakes used to create projectiles due to their aerodynamic qualities. Indeed an unfinished leaf shaped arrowhead from [1507] suggests production of flint projectiles nearby.

The majority of contexts contained only one abraded sherd of pottery, which is unusual for domestic refuse. Furthermore, they were found in features with palaeoenvironmentally sterile, single fills likely to have been derived from alluvial deposition. It is considered likely that the pottery and flint within the ditches represent residual material, which has been incorporated into the ditches through reworking of earlier archaeological remains. As such the majority of these field systems are considered to be broadly prehistoric in date.

Undated post-holes

Two small pits or possible post-holes [103] and [105] were identified adjacent to pit [109]. They may represent the remains of a structure. However, their sterile single fills contained no datable material and their date is therefore unclear.

3.3 NORTHERN TRENCHES (16 AND 17) (ILLUS 3)

The majority of features in this area were linear, being similar in shape and profile to those gullies identified in the central area. They were aligned broadly NNE-SSW or E-W. Several larger features [1611, 1613 and 1617] were also present at the southern end of Trench 16. These were apparently linear in plan and were all over 2m in width. [1611 and 1613] were very shallow at 0.08m and 0.12m in depth respectively. [1617] was much deeper at 0.82. Their deposits were sterile silts with only a small assemblage of prehistoric flint including a core and debitage from the fill of [1617].

Illus 6

Sections in trenches 16, 1 & 11

Illus 7

NE facing section of terminus [1805]

Illus 8

ESE facing section of gully [1905] & ditch [1907]

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The three linear features, [1701, 1703 and 1705] in Trench 17 are likely to be contemporary to one another based on the spatial alignments and similar fills. They were largely undated, except for a small assemblage of broadly prehistoric lithics from [1705]. Given that these ditches were broadly parallel with and morphologically similar to ditches [1607 and 1609] it is likely they represent part of the same field system layout.

In Trench 16, and unlike the other linear features on the site of a similar size, gully [1605] was found to contain a darker deposits containing prehistoric pottery, flint, charcoal and industrial residues, indicating deliberate backfilling deriving from nearby activity. The presence of industrial waste may indicate a presence from the Iron Age or later.

A large pit [1615] (*Illus 6a*) measuring 1.1m wide and 0.45m deep was found to truncate the shallow remains of undated ditch [1613]. It contained prehistoric pottery and lithics. Soil samples from Pit [1615] contained burnt bone and charcoal suggesting it resulted from deliberate backfill. The greater intensity of linear features in Trench 16 alone as well as the presence of a large pit [1615] and darker deposits in gully [1605] would suggest that the features represent denser human activity. Indeed, although the features in this area are largely indicative of non-settlement field systems, the palaeoenvironmental evidence indicates they are adjacent to more concentrated activity. However, given the mixed finds data, this apparent density may also result from several periods of activity from as early as the Neolithic to the Iron Age onward.

3.4 SOUTH-WESTERN TRENCHES (25–33) (*Illus 4*)

The majority of features in this area were a series of variously sized ditches and gullies measuring approximately 1-2m in width and up to 0.4m in depth. The predominant alignment was broadly NW-SE represented by a series of parallel ditches [2901, 2903,



Illus 9

SW facing section of pit [2109] & gully [2111]

Illus 10

NE facing section of gully [206] and post-hole [208]

Illus 11

N facing shot of excavated features in Trench 1



Illus 12

E facing section of pit [109]



Illus 13

Trench 23 facing SW

their full extent and they were shown to form semicircular line of pits (*Illus 4*). A separate pit [2703] was also identified c. 5m to the NE of the cluster. The pits were up to 0.7m in diameter with depths between 0.12-0.3m and were morphologically similar to the Neolithic pits in the central area and contained similar deposits. However, no finds were recovered and their date is uncertain.

3.4.2 UNDATED POST-HOLES

A group of three post-holes were revealed in Trench 30 [3001, 3003, and 3005] these were up to 0.4m in width and up to 0.2m in depth and all contained a single deposit of silt. It is not possible to determine whether these formed part of a structure or fence line. Their deposits contained no datable material, although because they were sealed by the subsoil, they are not considered to be modern.

3.5 DESCRIPTION OF THE SIGNIFICANCE OF THE HERITAGE ASSETS

Remains within the DA have been divided into Heritage Assets (HA) and assigned significance (outlined in *Table 1*) with respect to the following research agendas.

Relevant regional research frameworks comprise the forthcoming *South East Research Framework* (unpublished) and *English Heritage Archaeology Division Research Agenda* (1997).

Radiocarbon dating of early cereal deposits and undated grain rich deposits. To investigate the introduction of cereals and the extent of cereal agriculture in the late Neolithic and Early Bronze Age for which there is little evidence at present. (KCC 2012)

The balance between cereal and animal products within the economy of the period needs to be explored in relation to broader issues of society and monument form (English Heritage 1997 P.47)

The Neolithic is defined as a period of farming, yet we still have poor and scant evidence for precisely how this was conducted. It is clear that Neolithic communities were indeed farming, but it is less certain to what extent they can be characterised as 'farmers'. Where, for instance are the fields? It may be more appropriate to think of early agriculture more in terms of horticultural practices (KCC 2012)

Table 1

Significance of Heritage Assets (HA)

| Description of HA | Trench | Feature No(s) | Significance of HA on Local, Regional, National, International scale |
|--------------------|---------|-----------------------|--|
| HA1—Neolithic pits | 15 & 21 | [109], [1508], [2109] | Regional |

2905, 2907, 3101, 3303, 3305, and 3307]. Several ditches were also aligned perpendicular to this on a NE-SW layout [2505, 2601 and 3301] indicating that together, they represent the layout of a field system. The relative proximity of several parallel ditches in Trench 29 indicates the possibility that the field boundaries were redefined over time rather than representing a single layout. Indeed, the presence of several ditches on an alternate, broadly E-W alignment [2503 and 3103] also suggests several phases of activity. Although no direct relationship can link these features with those found in the remainder of the DA, they share similar profiles and morphology with those observed in the central area. It is therefore possible they are of the same broad period. However, the lack of dateable evidence from their deposits makes this uncertain.

3.4.1 UNDATED PITS

A small cluster of sub-oval pits was recorded in Trench 27 [2701/11], [2705] and [2709]. The trench was expanded at this point to reveal

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| Description of HA | Trench | Feature No(s) | Significance of HA on Local, Regional, National, International scale |
|---------------------------------|-----------------------|--|--|
| HA2 – Prehistoric field systems | 1-8, 11-12, 14-31, 33 | 102, 103, 105, 107, 115, 117, 119, 121, 123, 203, 206, 208, 210, 212, 303, 307, 403, 405, 501, 503, 505, 507, 509, 511, 601, 603, 701, 703, 705, 707, 801, 803, 805, 807, 1104, 1204, 1401, 1501, 1503, 1505, 1511, 1601, 1603, 1605, 1607, 1609, 1611, 1613, 1617, 1701, 1703, 1705, 1801, 1803, 1805, 1903, 1905, 1907, 1909, 1911, 1913, 1915, 1917, 1919, 1921, 1923, 2001, 2101, 2103, 2105, 2107, 2111, 2113, 2115, 2117, 2119, 2201, 2303, 2305, 2307, 2309, 2311, 2313, 2315, 2317, 2319, 2321, 2401, 2403, 2501, 2503, 2505, 2601, 2707, 2801, 2901, 2903, 2905, 2907, 3001, 3003, 3005, 3101, 3103, 3301, 3303, 3305, 3307 | Regional |

4 FINDS ASSESSMENT

by Julie Lochrie

The finds assemblage numbers 320 sherds of prehistoric pottery, 902 chipped stone finds, a small quantity of industrial waste weighing 4g, three fragments of glass and a sherd of modern pottery. These were found in 20 separate trenches across 59 contexts. The finds are quantified by trench in [Table 2](#) and by context in Appendix 2.

Table 2*Quantification of finds by trench, with spot dating*

| Trench | Pottery (PH) | Lithics (PH) | Industrial waste | Glass (Modern) | Pottery (Modern) | Dating |
|--------|--------------|--------------|------------------|----------------|------------------|----------------------------------|
| 1 | 121 | 260 | 1g | 1 | 2 | Neolithic/Modern |
| 2 | 30 | 28 | – | – | – | LN/EBA Trans. |
| 3 | 2 | 1 | – | – | – | PH |
| 4 | – | 5 | – | – | – | PH |
| 5 | 1 | 18 | 1g | – | – | PH |
| 7 | 1 | 23 | – | – | – | Neolithic-Early Bronze Age |
| 8 | – | 6 | – | – | – | PH |
| 11 | – | 2 | – | – | – | PH |
| 12 | 2 | 5 | – | – | – | PH |
| 14 | – | 4 | – | – | – | PH |
| 15 | 1 | 13 | – | – | – | Neolithic |
| 16 | 28 | 211 | 1g | – | – | Later Neolithic-Early Bronze Age |
| 17 | – | 3 | – | – | – | PH |
| 18 | 1 | 8 | – | – | – | LN/EBA Trans. |

Illus 14

Broken, unfinished leafshaped arrowhead
arrowhead from Tr 15, [1508]



0 2.5cm
scale 1:1 @ A4



0 2.5cm
scale 1:1 @ A4

Illus 15

Decorated pottery from Tr 19, [1914]

| Trench | Pottery (PH) | Lithics (PH) | Industrial waste | Glass (Modern) | Pottery (Modern) | Dating |
|--------|--------------|--------------|------------------|----------------|------------------|-----------------------------------|
| 19 | 46 | 87 | – | – | – | Earlier Neolithic, possibly later |
| 21 | 27 | 106 | – | – | – | PH |
| 23 | 24 | 18 | – | – | – | Middle Neolithic, possibly later |
| 25 | – | 2 | – | – | – | PH |
| 27 | 36 | 102 | 1g | 2 | – | Modern |
| Total | 320 | 902 | 4g | 3 | 2 | – |

4.1 POTTERY

The pottery numbers 320 sherds and fragments, weighing 920g. They have been discussed and recorded according to the Prehistoric Ceramic Research Group Guidelines (PCRG 1997). Coarse hand built pottery was retrieved from Trenches 1, 2, 3, 5, 7, 12, 15, 16, 18, 19, 21, 23 and 27. The pieces from Trench 27 are incredibly small, abraded fragments of fired clay which may not be pottery.

The fabric has typically heavily calcined flint inclusions and/or quartz, the quantities and size of the inclusions vary slightly but the components of the fabrics are essentially the same and typically. Many of the sherds are much abraded featureless body sherds and as the fabric is fairly homogenous it has not always been possible to assign a ware type or accurate period. There are several instances



where there are easily identified types and these are summarised below.

Neolithic Carinated bowls were identified in Trench 1, [109] and Trench 19, [1923] (*Illus 15*). Another sherd from Trench 19 [1917], an everted, burnished neck sherd, may also belong to the Carinated Bowl tradition. Later Neolithic Impressed Wares (Peterborough Wares) dating from, c 3350–2800 cal bc (Barclay 2008, 5) were also found; one a Mortlake sub-style rim from Trench 19, [1913]; the other a probable Fengate Ware sub-style base, from Trench 23 [2319]. The probable Fengate Ware includes only the base and as the fingernail impressions cannot be clearly seen its identification is tentative at this stage. The Carinated Bowl pottery may be roughly contemporary with the Impressed Wares, but equally might represent an earlier phase of activity.

Sherds of Beaker were found in Trench 2 [203], Trench 18 [1801] and possibly Trench 16 [1603]. These date from c 2400–1800 bc, a period bridging the later Neolithic and Early Bronze Age, henceforth referred to as LN/EBA Trans. Beaker pottery is often thought of as being associated with specifically funerary contexts but its occurrence in domestic features is also known (Barclay and Edwards 2007; Gibson 1998).

Trench 19 has one other vessel with feature sherds, a coarse, thick upright rim with rounded belly or shoulder from [1909]. Identification of this vessel is not certain and it could represent styles from the LN/EBA Trans. to the early Iron Age.

The small sherd size and variable abrasion seems consistent with domestic refuse deposition. On sherds from Trench 1, [109], there are traces of organic residues indicated cooking or storage of foodstuffs. Indeed, the social context of the pottery is an important consideration for any future work (Barclay 2008, 2). Despite this there seems to be only one vessel per context which is unusual for domestic refuse and the pottery assemblage within the field systems is considered to be residual. Only pottery from in situ deposits such as Pits [109], [1508] and [2109] is likely to provide significant information. Residual material from the field systems is of limited value.

4.2 CHIPPED STONE

Chipped stone was retrieved from every finds bearing trench (*Table 2*) and appears to be spread across the north-eastern and central areas of trenching. Concentrations were found in Trenches 1, 16, 19, and 21; it is possible the small chips retrieved from Trench 27 are naturally shattered fragments but they are too small to identify with surety.

All the chipped stone was flint of typically brown grey colour and chalky or abraded cortex. There are a couple of examples of translucent light yellow brown colour, which are clearly from a different source.

The main characteristics of the assemblage are multi platform cores and large hard hammer flakes with fairly pronounced bulbs. The date range for the lithics appears to be Neolithic to early Bronze Age, supporting the pottery data. The mixture of cores and debitage points towards production but the high number of tools and other

used flakes does not seem to point to manufacture alone and may indicate settlement type activity (Bishop, 2007, 21).

One of the most notable features of the lithic assemblage is the very high quantity of double ventral flakes in Trench 4, 7 and 15. A double ventral flake is created by detaching a flake from the ventral of another flake, usually from the proximal end; producing a symmetrical flake which is thicker at one end and tapers towards the other. This type of flake is ideal for creating projectiles as they are more aerodynamic and more likely to travel in a straight line. As an unfinished, broken, leaf shaped arrowhead was also found in Trench 15 this type of manufacture seems to be confirmed, although the finds are likely to be reworked rather than in situ.

4.3 OTHER FINDS

The other finds amount to very small quantities, including 4g of industrial waste, three sherds of glass and two sherds of pottery.

The industrial waste takes the form of small quantity of hammerscale spread across Trenches 1, 5, 15, and 27. The quantities are too small to indicate substantial metalworking and the very small size could easily be intrusive, moved through bioturbation.

The glass and modern pottery were found in Trenches 1 and 27 (101, 110, and 2713). These are clearly of 19th century or later date. The glass is small enough to be a result of root of worm disturbance and was indeed found in association with modern roots. The pottery may also be intrusive, although given its larger size this is questionable.

5 ENVIRONMENTAL ASSESSMENT

by Laura Bailey

This report presents the results of an assessment of samples taken during the course of excavation at Church Lane, Sholden, Deal. A site dating from the Mid to Late Neolithic to Early Bronze Age. Six bulk soil samples were processed for environmental assessment from the fill of features including pit and ditches.

5.1 METHOD

Samples were processed in laboratory conditions using a standard flotation method (cf. Kenward et al, 1980). The floating debris (the flot) was collected in a 250 µm sieve and, once dry, scanned using a binocular microscope. Any material remaining in the flotation tank (retent) was wet-sieved through a 1mm mesh and air-dried. This was then sorted and any material of archaeological significance removed. The flots were assessed using a stereo-microscope at magnifications of x10 and up to x100 where necessary to aid identification. Identifications were confirmed using modern reference material and seed atlases including Cappers et al (2006).

5.2 RESULTS

Results of the assessment are presented in Appendix 3.1 (Retent samples) and Appendix 3.2 (Flot samples). All material was preserved through charring. Material suitable for AMS (Accelerated Mass Spectrometry) radiocarbon dating is shown in the tables.

Headland Archaeology

5.2.1 WOOD CHARCOAL

Wood charcoal was present in varying quantities in the flots (Appendix 3.2) of all the processed samples, and in the retents (Appendix 3.1) of four (1, 2, 3 and 6) of the six samples analysed. Large fragments of charcoal (1.5 cm) were also collected from contexts 1616 and 2110. The majority of charcoal fragments recovered were in the small size range (<1cm) making it improbable that they represent in situ burning. They are more likely to be a result of backfilling from adjacent activity.

5.2.2 CHARRED CEREAL GRAIN

A small number of charred cereal grains were recovered from the retents of two samples (01 and 06) (see Appendix 3.1). Preservation was poor but it was possible to identify that two of the abraded grains were wheat.

5.2.3 OTHER PLANT REMAINS

Charred plant remains were relatively rare on this site although wood charcoal was present in traces in all samples. The non-charcoal plant remains were recovered from the flots (Appendix 3.2) and consist of a small number of dock (*Rumex* sp.), fat hen (*Chenopodium* sp.) and oraches (*Atriplex* sp.). Given the low concentration of charred remains there is no evidence that these taxa were deliberately collected or directly associated with the features in which they were deposited. It seems more likely that they represent low-level traces of reworked settlement debris which was frequently used as manure in agrarian communities.

5.2.4 OTHER ENVIRONMENTAL MATERIAL

Together with the charred plant remains the retents also contained a number of other environmental indicators (Appendix 3.1). Small, fragments of burnt bone were recovered from contexts (1616), (2713), (506) and (110). Very small (1mm) fragments of unburnt animal bone, were recovered from contexts (2713) and (110). Small fragments of terrestrial snail shell were recovered from contexts (1606), (2110) and (1616). Pottery, lithics and glass recovered from the retents are covered in the finds (4.1) section of this report.

5.3 DISCUSSION

The environmental remains are neither abundant nor diverse. The samples recovered from the pits and ditch fills do not appear to relate to their original function. Notes from the South-East Research Framework Public seminar on the Neolithic to early Bronze Age highlights the lack of environmental information in conjunction with archaeological data relating to environment and landscape during the Neolithic and Early Bronze Age (SERF 2008). The presence of cereal grain adds some basic species data to this agenda but little else. The weed seeds, associated with disturbed ground and charcoal also provide little information on the activities associated with the features as their inclusion is probably incidental rather than deliberate. However, such information has some potential to contribute to the SERF research objectives.

6 DISCUSSION

Trial trenching revealed archaeological remains across DA. These are discussed as Heritage Assets (HA) below.

HA1 is represented by a small number of pits located within the central area of the DA, although spaced some distance apart. Dating evidence indicates they are likely to originate from the Neolithic. Although none of the deposits are considered to be placed, they originate from deliberate backfilling and probably represent the only purposive deposits within the DA. This is in contrast to the majority of features within the DA, which contained sterile, naturally accumulated fills and residual artefactual material. The HA1 features are considered to be regionally significant. However whilst they provided significant artefactual and stratigraphic evidence, their palaeoenvironmental potential is limited.

HA2 is represented by a number of linear features across the DA. Pottery and lithics recovered from these features suggest a date in the prehistoric period most likely within the Bronze Age. Some of the residual artefactual data was intrinsically significant, including Neolithic beaker pottery and evidence of arrow head manufacture. However, they are representative of background activity. Indeed, although the majority of finds were recovered from these features, they mostly comprised small, abraded pottery sherds (usually one per context) and flint they were recovered from sterile, naturally accumulated deposits and are considered to be residual. They are most likely to derive from the reworking and disturbance of earlier archaeological remains and/or represent general background activity in the vicinity. This and the general paucity of ecofactual material indicate that they are likely to relate to field systems away from settlements. However, the presence of reworked prehistoric pottery in these field systems, as well as the presence of datable pits (HA1) indicates that the DA and its environs has potential for further in situ deposits/features like those of HA1. In general, HA2 is considered to be of regional significance, although its significance derives from its morphology and layout in plan rather than its artefactual or palaeoenvironmental potential.

6.1 CONCLUSIONS

Late Neolithic/Early Bronze Age remains have been recorded further north in the Thanet region of Kent in recent archaeological work such as at Broadly Road and Cottington Road (Wessex Archaeology 2009) and a known Bronze Age barrow and a crouched inhumation burial are located up to 1 km away. However, prehistoric field systems on the scale identified within the DA are not well recorded in the Deal area. Given the presence of a Roman villa at Hull Place 500m to the north and recent Roman finds in Sholden the paucity of Roman remains is noteworthy and suggests that settlement associated with the villa did not extend into the DA.

Given that the large amount of archaeological investigation that has been carried out in recent years north of the Wantsun Channel (for the Margate and Broadstairs Urban Wastewater Treatment Scheme (UWTS) and for the East Kent Access Road Scheme) it is not unsurprising that knowledge of the Neolithic and Bronze Age in Kent has progressed further in these areas than south of the Wantsun. Remains identified within the DA offer an opportunity to understand more about the prehistoric landscape south of the Wantsun.

Based on their character, the artefacts recovered and the paucity of palaeoenvironmental potential, the archaeological remains identified by trial trenching are largely indicative of, non-settlement field systems, with limited evidence for Neolithic activity in the form



of pits several pits. These remains have some potential to contribute to our knowledge about farming and the palaeoenvironment of the Neolithic in this part of Kent.

None of the remains identified suggest the presence of monumental features commonly associated with the late Neolithic period as seen elsewhere in Kent. However, despite the residuality of the pottery and flint recovered from the linear features, the finds assemblage does suggest background activity from the Late Neolithic to Early Bronze Age periods. Furthermore, the lack of Roman artefactual remains within the ditches (despite the proximity to a villa) indicates that the ditches are likely to be prehistoric rather than later.

Given the absence of Iron Age and Roman remains on the site it is likely that the site was uncultivated during this time, possibly due to flooding which is surprising given the concentrations of known archaeological remains in the vicinity of the DA. The archaeological remains are well sealed beneath thick overlying deposits of subsoil, which has afforded protection from modern ploughing. However, the upper surface of the archaeology has been clearly truncated by the subsoil, which is itself probably a result of pre-modern ploughing. Overall, these remains are considered be of regional significance.

6.2 6.2 DEVELOPMENT IMPACTS

The proposed change of use is from arable agriculture to housing. The construction of housing is likely to involve the stripping of topsoil and subsoil from with those areas of the DA where development is proposed. The stripping of subsoils and the excavation of foundations and services is likely to impact upon any sub-surface heritage assets.

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Headland Archaeology

8 APPENDICES**APPENDIX 1 SITE REGISTERS****APPENDIX 1.1 TRENCH REGISTER**

| Trench | Orientation | Length (m) | Description | Min depth of archaeology (m) |
|--------|-------------|------------|--|------------------------------|
| 1 | S-N | 50.1 | 0-0.3m Topsoil; 0.3-0.65m Subsoil; 0.65m+0.65 Brickearth, natural geology | |
| 2 | E-W | 50.2 | 0-0.32m topsoil; 0.32-0.79m subsoil; 0.79m+ natural geology | 0.79 |
| 3 | SW-NE | 50.0 | 0-0.36m topsoil; 0.36-0.84m subsoil; 0.84m+ natural geology | 0.84 |
| 4 | SW-NE | 50.2 | 0-0.27m topsoil; 0.27-0.7m subsoil; 0.7m+ natural geology | 0.7 |
| 5 | SW-NE | 50.0 | 0-0.3m topsoil; 0.3-0.72m subsoil; 0.72m+ natural geology | 0.72 |
| 6 | SW-NE | 50.1 | 0-0.35m topsoil; 0.35-0.65m subsoil; 0.65m+ natural geology | 0.65 |
| 7 | SW-NE | 49.8 | 0-0.32m topsoil; 0.32-0.67m subsoil; 0.67m+ natural geology | 0.67 |
| 8 | SW-NE | 50.2 | 0-0.30m topsoil; 0.3-0.65m subsoil; 0.65m+ natural geology | 0.66 |
| 9 | SE-NW | 50.1 | 0-0.42m topsoil; 0.42-0.77m subsoil; 0.77m+ natural geology | 0.77 |
| 10 | SE-NW | 50.0 | 0-0.4m topsoil; 0.4-0.78m subsoil; 0.78m+ natural geology | 0.78 |
| 11 | SW-NE | 22.9 | 0-0.5m made ground, 0.5-0.75m buried topsoil; 0.75-1.05m subsoil; 1.05m+ natural geology | 1.05 |
| 12 | SE-NW | 50.2 | 0-0.4m made ground; 0.4-0.5m buried topsoil; 0.5-0.85m subsoil; 0.85m+ natural geology | 0.85 |
| 13 | E-W | 50.0 | 0-0.31m topsoil; 0.31-0.69m subsoil; 0.69m+ natural geology | 0.69 |
| 14 | SE-NW | 50.1 | 0-0.3m topsoil; 0.3-0.67m subsoil; 0.67m+ natural geology | 0.67 |
| 15 | SW-NE | 50.2 | 0-0.3m topsoil; 0.3-0.69m subsoil; 0.69m+ natural geology | 0.69 |
| 16 | S-N | 50.0 | 0-0.31m topsoil; 0.31-0.69m subsoil; 0.69m+ natural geology | 0.69 |
| 17 | SW-NE | 50.1 | 0-0.31m topsoil; 0.31-0.64m subsoil; 0.64m+ natural geology | 0.64 |
| 18 | SW-NE | 50.0 | 0-0.3m topsoil; 0.3-0.67m subsoil; 0.67m+ natural geology | 0.67 |
| 19 | SW-NE | 50.1 | 0-0.36m topsoil; 0.36-0.74m subsoil; 0.74m+ natural geology | 0.74 |

| Trench | Orientation | Length (m) | Description | Min depth of archaeology (m) |
|--------|-------------|------------|---|------------------------------|
| 20 | SW-NE | 50.2 | 0-0.3m topsoil; 0.3-0.62m subsoil; 0.62m+0.62 natural geology | |
| 21 | SW-NE | 50.1 | 0-0.3m topsoil; 0.3-0.66m subsoil; 0.66m+ natural geology | 0.66 |
| 22 | SE-NW | 50.2 | 0-0.3m topsoil; 0.3-0.66m subsoil; 0.66m+ natural geology | 0.66 |
| 23 | SW-NE | 49.7 | 0-0.3m topsoil; 0.3-0.62m subsoil; 0.62m+ natural geology | 0.62 |
| 24 | SW-NE | 50.1 | 0-0.35m topsoil; 0.35-0.72m subsoil; 0.72m+ natural geology | 0.72 |
| 25 | SE-NW | 50.1 | 0-0.42m topsoil; 0.42-0.81m subsoil; 0.81m+ natural geology | 0.81 |
| 26 | S-N | 50.0 | 0-0.35m topsoil; 0.35-0.74m subsoil; 0.74m+ natural geology | 0.74 |
| 27A | SW-NE | 50.2 | 0-0.35m topsoil; 0.35-0.78m subsoil; 0.78m+ natural geology | 0.78 |
| 27B | SW-NE | 5.0 | 0-0.35m topsoil; 0.35-0.78m subsoil; 0.78m+ natural geology | 0.78 |
| 28 | SE-NW | 50.1 | 0-0.3m topsoil; 0.3-0.61m subsoil; 0.61m+ natural geology | 0.61 |
| 29 | SW-NE | 50.2 | 0-0.3m topsoil; 0.3-0.62m subsoil; 0.62m+ natural geology | 0.62 |
| 30 | SE-NW | 50.2 | 0-0.3m topsoil; 0.3-0.74m subsoil; 0.74m+ natural geology | 0.74 |
| 31 | SW-NE | 50.1 | 0-0.36m topsoil; 0.36-0.78m subsoil; 0.78m+ natural geology | 0.78 |
| 32 | E-W | 50.1 | 0-0.3m topsoil; 0.3-0.61m subsoil; 0.61m+ natural geology | 0.61 |
| 33 | S-N | 50.1 | 0-0.36m topsoil; 0.36-0.74m subsoil; 0.74m+ natural geology | 0.74 |

APPENDIX 1.2 CONTEXT REGISTER

| Context | Area | Description |
|---------|----------|--|
| 001 | Site | Topsoil |
| 002 | Site | Subsoil |
| 003 | Tr11, 12 | Made ground, crushed concrete and brick |
| 100 | Tr1 | Cut of gully, 0.18m deep with concave base |
| 101 | Tr1 | Grey brown sandy silt with flint and pottery sherds from [100] |
| 102 | Tr1 | Cut of ditch with concave base and gradual sloping sides, 0.37m deep |
| 103 | Tr1 | Cut of post-hole, 0.30m wide and 0.15m deep |
| 104 | Tr1 | Grey brown sandy silt fill of [103] |
| 105 | Tr1 | cut of post-hole, 0.40m wide and 0.28m deep |
| 106 | Tr1 | Grey brown sandy silt fill of [105] |



| Context | Area | Description |
|---------|------|---|
| 107 | Tr1 | Linear feature possible recut of Ditch 102 |
| 108 | Tr1 | Grey brown sandy silt with flint and pottery sherds fill of [107] |
| 109 | Tr1 | Cut of small pit, 0.16m deep |
| 110 | Tr1 | Dark grey brown sandy silt with charcoal fill of [109] |
| 111 | Tr1 | Possible pit, 0.08m deep |
| 112 | Tr1 | Grey brown sandy silt fill of [111] |
| 113 | Tr1 | Orange brown sandy silt fill of [102] |
| 114 | Tr1 | Grey brown sandy silt fill of [107] |
| 115 | Tr1 | Cut of gully with concave base, 0.1m deep |
| 116 | Tr1 | Orange brown sandy silt fill of [115] |
| 117 | Tr1 | Cut of gully with concave base, 0.1m deep |
| 118 | Tr1 | Orange brown sandy silt fill of [117] |
| 119 | Tr1 | Cut of gully with concave base, 0.1m deep |
| 120 | Tr1 | Orange brown sandy silt fill of [119] |
| 121 | Tr1 | Cut of gully with concave base, 0.06m deep |
| 122 | Tr1 | Orange brown sandy silt fill of [121] |
| 123 | Tr1 | Cut of gully with concave base, 0.1m deep |
| 124 | Tr1 | Orange brown sandy silt fill of [123] |
| 203 | Tr2 | Linear feature with concave base, 0.45m deep |
| 204 | Tr2 | Natural geology |
| 205 | Tr2 | Grey brown sandy silt fill of [203] |
| 206 | Tr2 | Gully with flat base, 0.13m deep |
| 207 | Tr2 | Grey brown sandy silt fill of [206] |
| 208 | Tr2 | Small pit truncating gully [206], W=0.60m, D=0.35m |
| 209 | Tr2 | Grey brown sandy silt fill of [208] |
| 210 | Tr2 | Post-hole/pit, 0.36m deep |
| 211 | Tr2 | Orange brown sandy silt fill of [210] |
| 212 | Tr2 | Linear feature with flat base, 0.59m deep |
| 213 | Tr2 | Orange brown sandy silt fill of [212] |
| 214 | Tr2 | Orange brown sandy silt fill of [208] |
| 303 | Tr3 | Gully with concave base, 0.18m deep |
| 304 | Tr3 | Orange brown sandy silt fill of [303] |
| 307 | Tr3 | Gully with concave base, 0.2m deep |
| 308 | Tr3 | Orange brown sandy silt fill of [307] |
| 403 | Tr4 | Gully with concave base, 0.23m deep |
| 404 | Tr4 | Orange brown sandy silt fill of [403] |
| 405 | Tr4 | Gully with concave base, 0.22m deep |
| 406 | Tr4 | Orange brown sandy silt fill of [405] |

| Context | Area | Description |
|---------|------|--|
| 501 | Tr5 | Terminus of linear with concave base, 0.19m deep |
| 502 | Tr5 | Grey brown sandy silt fill of [501] |
| 503 | Tr5 | Ditch with concave base, 0.31m deep |
| 504 | Tr5 | Grey brown sandy silt fill of [503] |
| 505 | Tr5 | terminus of linear with concave base, 0.16m deep |
| 506 | Tr5 | Grey brown sandy silt fill of [505] |
| 507 | Tr5 | Gully with concave base, 0.15m deep |
| 508 | Tr5 | Grey brown sandy silt fill of [507] |
| 509 | Tr5 | Gully with concave base, 0.19m deep |
| 510 | Tr5 | Grey brown sandy silt fill of [509] |
| 511 | Tr5 | Gully with concave base, 0.2m deep |
| 512 | Tr5 | Grey brown sandy silt fill of [511] |
| 601 | Tr6 | Cut of linear with concave base, 0.23m deep |
| 602 | Tr6 | Grey brown sandy silt fill of [601] |
| 603 | Tr6 | Cut of linear with concave base, 0.19m deep |
| 604 | Tr6 | Grey brown sandy silt fill of [603] |
| 701 | Tr7 | Ditch with steep sides and concave base, 0.48m deep |
| 702 | Tr7 | Dark grey brown sandy silt fill of [701] |
| 703 | Tr7 | Ditch with concave base, 0.26m deep |
| 704 | Tr7 | Orange brown sandy silt fill of [703] |
| 705 | Tr7 | Ditch with concave base, 0.24m deep |
| 706 | Tr7 | Grey brown sandy silt fill of [705] |
| 707 | Tr7 | Ditch with steep sides and concave base, 0.45m deep |
| 708 | Tr7 | Grey brown sandy silt fill of [707] |
| 801 | Tr8 | Possible post-hole, 0.17m deep |
| 802 | Tr8 | Grey brown sandy silt fill of [801] |
| 803 | Tr8 | Possible post-hole, 0.05m deep |
| 804 | Tr8 | Grey brown sandy silt fill of [803] |
| 805 | Tr8 | Ditch with flat base and gradual sloping sides, 0.53m deep |
| 806 | Tr8 | Orange brown sandy silt fill of [805] |
| 807 | Tr8 | Gully with concave base, 0.25m deep |
| 808 | Tr8 | Grey brown sandy silt fill of [807] |
| 1104 | Tr11 | Ditch with concave base, 0.37m deep |
| 1105 | Tr11 | Orange brown sandy silt fill of [1104] |
| 1106 | Tr11 | Orange brown sandy silt fill of [1104] |
| 1204 | Tr12 | Ditch with concave base, 0.40m deep |
| 1205 | Tr12 | Orange brown sandy silt fill of [1204] |
| 1401 | Tr14 | Ditch with flat base and gradual sloping sides, 0.4m deep |

Headland Archaeology

| Context | Area | Description |
|---------|------|--|
| 1402 | Tr14 | Grey brown sandy silt fill of [1401] |
| 1501 | Tr15 | Ditch with flat base, 0.31m deep |
| 1502 | Tr15 | Grey brown sandy silt fill of [1501] |
| 1503 | Tr15 | Gully with concave base, 0.3m deep |
| 1504 | Tr15 | Grey brown sandy silt fill of [1503] |
| 1505 | Tr15 | Gully with flat base, 0.3m deep |
| 1506 | Tr15 | Grey brown sandy silt fill of [1505] |
| 1507 | Tr15 | Pit with flat base, 0.26m deep |
| 1508 | Tr15 | Grey brown sandy silt fill of [1507] |
| 1509 | Tr15 | Pit with rounded base, 0.15m deep |
| 1510 | Tr15 | Grey brown sandy silt fill of [1509] |
| 1511 | Tr15 | Ditch with concave base, 0.16m deep |
| 1512 | Tr15 | Grey brown sandy silt fill of [1511] |
| 1601 | Tr16 | Possible linear, 0.15m deep |
| 1602 | Tr16 | Grey brown sandy silt fill of [1601] |
| 1603 | Tr16 | Ditch with concave base, 0.32m deep |
| 1604 | Tr16 | orange brown sandy silt fill of [1603] |
| 1605 | Tr16 | Gully with concave base, 0.39m deep |
| 1606 | Tr16 | Dark grey brown sandy silt fill of [1605] |
| 1607 | Tr16 | Gully with concave base, 0.28m deep |
| 1608 | Tr16 | Grey brown sandy silt fill of [1607] |
| 1609 | Tr16 | Ditch with concave base, 0.23m deep |
| 1610 | Tr16 | Orange brown sandy silt fill of [1609] |
| 1611 | Tr16 | Shallow linear like feature, flat base, 0.08m deep |
| 1612 | Tr16 | Grey brown sandy silt fill of [1611] |
| 1613 | Tr16 | Shallow linear like feature, flat base, 0.12m deep |
| 1614 | Tr16 | Orange brown sandy silt fill of [1613] |
| 1615 | Tr16 | Pit with rounded base, 0.24m deep |
| 1616 | Tr16 | Dark grey brown sandy silt fill of [1615] |
| 1617 | Tr16 | Linear like feature, rounded base, steep sides, 0.82m deep |
| 1618 | Tr16 | Orange brown sandy silt fill of [1617] |
| 1701 | Tr17 | Gully with concave base, 0.07m deep |
| 1702 | Tr17 | Orange brown sandy silt fill of [1701] |
| 1703 | Tr17 | Gully with concave base, 0.14m deep |
| 1704 | Tr17 | Orange brown sandy silt fill of [1703] |
| 1705 | Tr17 | Gully with concave base, 0.26m deep |
| 1706 | Tr17 | Orange brown sandy silt fill of [1705] |
| 1801 | Tr18 | Large ditch with rounded base, 0.64m deep |

| Context | Area | Description |
|---------|------|--|
| 1802 | Tr18 | Grey brown sandy silt fill of [1801] |
| 1803 | Tr18 | Ditch terminus with rounded base, 0.28m deep |
| 1804 | Tr18 | Grey brown sandy silt fill of [1803] |
| 1805 | Tr18 | Ditch with rounded base, 0.49m deep |
| 1806 | Tr18 | Orange brown sandy silt fill of [1805] |
| 1903 | Tr19 | Gully with flat base, 0.30m deep |
| 1904 | Tr19 | Orange brown sandy silt fill of [1903] |
| 1905 | Tr19 | Gully with flat base, 0.13m deep |
| 1906 | Tr19 | Orange brown sandy silt fill of [1905] |
| 1907 | Tr19 | Probable terminus of ditch, 0.4m deep |
| 1908 | Tr19 | Orange brown sandy silt fill of [1907] |
| 1909 | Tr19 | Probable terminus of ditch, 0.4m deep |
| 1910 | Tr19 | Orange brown sandy silt fill of [1909] |
| 1911 | Tr19 | Possible post-hole, 0.35m deep |
| 1912 | Tr19 | Dark grey brown sandy silt fill of [1911] |
| 1913 | Tr19 | Probable terminus of ditch, 0.38m deep |
| 1914 | Tr19 | Orange brown sandy silt fill of [1913] |
| 1915 | Tr19 | Gully with flat base, 0.26m deep |
| 1916 | Tr19 | Orange brown sandy silt fill of [1915] |
| 1917 | Tr19 | Gully with flat base, 0.42m deep |
| 1918 | Tr19 | Grey brown sandy silt fill of [1917] |
| 1919 | Tr19 | Gully with flat base, 0.2m deep |
| 1920 | Tr19 | orange brown sandy silt fill of [1919] |
| 1921 | Tr19 | Gully with flat base, 0.18m deep |
| 1922 | Tr19 | orange brown sandy silt fill of [1921] |
| 1923 | Tr19 | Ditch with rounded base, 0.42m deep |
| 1924 | Tr19 | Overcut natural fill of [1923] |
| 1925 | Tr19 | Overcut natural fill of [1923] |
| 1926 | Tr19 | Grey brown sandy silt fill of [1923] |
| 2001 | Tr20 | Ditch with concave base, 0.24m deep |
| 2002 | Tr20 | Grey brown sandy silt fill of [2001] |
| 2101 | Tr21 | Ditch with rounded base, 0.29m deep |
| 2102 | Tr21 | Orange brown sandy silt fill of [2101] |
| 2103 | Tr21 | Ditch with flat base, 0.13m deep |
| 2104 | Tr21 | Orange brown sandy silt fill of [2103] |
| 2105 | Tr21 | Ditch with rounded base, 0.22m deep |
| 2106 | Tr21 | Grey brown sandy silt fill of [2105] |
| 2107 | Tr21 | Gully with rounded base, 0.15m deep |



| Context | Area | Description |
|---------|------|--|
| 2108 | Tr21 | Orange brown sandy silt fill of [2107] |
| 2109 | Tr21 | Pit with rounded base, 0.23m deep |
| 2110 | Tr21 | Dark black grey sandy silt fill of [2109] |
| 2111 | Tr21 | Gully with rounded base, 0.4m deep |
| 2112 | Tr21 | Orange brown sandy silt fill of [2111] |
| 2113 | Tr21 | Gully terminus with rounded base, 0.16m deep |
| 2114 | Tr21 | Orange brown sandy silt fill of [2113] |
| 2115 | Tr21 | Gully with rounded base, 0.1m deep |
| 2116 | Tr21 | Orange brown sandy silt fill of [2115] |
| 2117 | Tr21 | Gully terminus with rounded base, 0.16m deep |
| 2118 | Tr21 | Grey brown sandy silt fill of [2117] |
| 2119 | Tr21 | Gully terminus with rounded base, 0.1m deep |
| 2120 | Tr21 | Orange brown sandy silt fill of [2119] |
| 2201 | Tr22 | Ditch with concave base, 0.26m deep |
| 2202 | Tr22 | Grey brown sandy silt fill of [2201] |
| 2303 | Tr23 | Gully with concave base, 0.4m deep |
| 2304 | Tr23 | Orange brown sandy silt fill of [2303] |
| 2305 | Tr23 | Gully with flat base, 0.27m deep |
| 2306 | Tr23 | Orange brown sandy silt fill of [2305] |
| 2307 | Tr23 | Gully with concave base, 0.22m deep |
| 2308 | Tr23 | Orange brown sandy silt fill of [2307] |
| 2309 | Tr23 | Ditch with concave base, 0.4m deep |
| 2310 | Tr23 | Orange brown sandy silt fill of [2309] |
| 2311 | Tr23 | Gully with concave base, 0.18m deep |
| 2312 | Tr23 | Orange brown sandy silt fill of [2311] |
| 2313 | Tr23 | Linear with flat base, 0.18m deep |
| 2314 | Tr23 | Orange brown sandy silt fill of [2313] |
| 2315 | Tr23 | Gully with concave base, 0.4m deep |
| 2316 | Tr23 | Orange brown sandy silt fill of [2315] |
| 2317 | Tr23 | Gully with concave base, 0.22m deep |
| 2318 | Tr23 | Orange brown sandy silt fill of [2318] |
| 2319 | Tr23 | Gully with flat base, 0.16m deep |
| 2320 | Tr23 | Orange brown sandy silt fill of [2320] |
| 2321 | Tr23 | Gully with concave base, 0.2m deep |
| 2322 | Tr23 | Orange brown sandy silt fill of [2321] |
| 2401 | Tr24 | Ditch with concave base, 0.24m deep |
| 2402 | Tr24 | Grey brown sandy silt fill of [2401] |
| 2403 | Tr24 | Ditch with concave base, 0.25m deep |

| Context | Area | Description |
|---------|------|--|
| 2404 | Tr24 | Grey brown sandy silt fill of [2403] |
| 2501 | Tr25 | Gully with concave base, 0.23m deep |
| 2502 | Tr25 | Grey brown sandy silt fill of [2501] |
| 2503 | Tr25 | Gully with concave base, 0.24m deep |
| 2504 | Tr25 | Grey brown sandy silt fill of [2503] |
| 2505 | Tr25 | Gully with concave base, 0.2m deep |
| 2506 | Tr25 | Grey brown sandy silt fill of [2505] |
| 2601 | Tr26 | Gully with concave base, 0.16m deep |
| 2602 | Tr26 | Orange brown sandy silt fill of [2601] |
| 2701 | Tr27 | Pit with flat base, 0.26m deep |
| 2702 | Tr27 | Grey brown sandy silt fill of [2701] |
| 2703 | Tr27 | Pit with flat base, 0.24m deep |
| 2704 | Tr27 | Grey brown sandy silt fill of [2703] |
| 2705 | Tr27 | Pit with rounded base, 0.12m deep |
| 2706 | Tr27 | Orange brown sandy silt fill of [2705] |
| 2707 | Tr27 | Ditch with flat base, 0.20m deep |
| 2708 | Tr27 | Grey brown sandy silt fill of [2707] |
| 2709 | Tr27 | Pit with rounded base, 0.4m deep |
| 2710 | Tr27 | Grey brown sandy silt fill of [2709] |
| 2711 | Tr27 | Pit with rounded base, 0.4m deep |
| 2712 | Tr27 | Cut of feature |
| 2713 | Tr27 | Grey brown sandy silt fill of [2712] |
| 2714 | Tr27 | Orange brown sandy silt fill of [2709] |
| 2801 | Tr28 | Ditch with concave base, 0.3m deep |
| 2802 | Tr28 | Grey brown sandy silt fill of [2801] |
| 2901 | Tr29 | Gully with concave base, 0.3m deep |
| 2902 | Tr29 | Grey brown sandy silt fill of [2901] |
| 2903 | Tr29 | Linear like feature with flat base, 0.34m deep |
| 2904 | Tr29 | Orange brown sandy silt fill of [2903] |
| 2905 | Tr29 | Linear like feature with flat base, 0.34m deep |
| 2906 | Tr29 | Orange brown sandy silt fill of [2905] |
| 2907 | Tr29 | Linear like feature with flat base, 0.24m deep |
| 2908 | Tr29 | Orange brown sandy silt fill of [2907] |
| 3001 | Tr30 | Post-hole, 0.21m deep |
| 3002 | Tr30 | Grey brown sandy silt fill of [3001] |
| 3003 | Tr30 | post-hole, 0.13m deep |
| 3004 | Tr30 | Grey brown sandy silt fill of [3003] |
| 3005 | Tr30 | Post-hole, 0.16m deep |

Headland Archaeology

| Context | Area | Description |
|---------|------|--|
| 3006 | Tr30 | Grey brown sandy silt fill of [3005] |
| 3101 | Tr31 | Ditch with flat base, 0.5m deep |
| 3102 | Tr31 | Grey brown sandy silt fill of [3101] |
| 3103 | Tr31 | Ditch with rounded base, 0.3m deep |
| 3104 | Tr31 | Orange brown sandy silt fill of [3103] |
| 3301 | Tr33 | Ditch with rounded base, 0.34m deep |
| 3302 | Tr33 | Orange brown sandy silt fill of [3301] |
| 3303 | Tr33 | Linear like feature with flat base, 0.4m deep |
| 3304 | Tr33 | Orange brown sandy silt fill of [3303] |
| 3305 | Tr33 | Linear like feature with flat base, 0.32m deep |
| 3306 | Tr33 | Orange brown sandy silt fill of [3305] |
| 3307 | Tr33 | Gully with concave base, 0.23m deep |
| 3308 | Tr33 | Orange brown sandy silt fill of [3307] |

APPENDIX 1.3 PHOTOGRAPHIC REGISTER

| Frame | Direction | Description |
|-------|-----------|---|
| 001 | N/A | ID Shot |
| 002 | SSE | Trench 1 facing SSE |
| 003 | NNE | SSW facing section of post-hole [103] |
| 004 | NNW | SSE facing section of post-hole [105] |
| 005 | NNW | SSE facing section of pit [109] |
| 006 | SSW | NNE facing section of pit [109] |
| 007 | NNW | NNW facing section of ditch [107] |
| 008 | NNE | SSW facing section of ditch [107] and [102] |
| 009 | E | W facing section of Pit [111] |
| 010 | NW | Trench 2 facing NW |
| 011 | W | Trench 3 facing W |
| 012 | W | Trench 4 facing W |
| 013 | W | E facing section of gully [100] |
| 014 | SSW | NNE facing section of gully [115] |
| 015 | NNE | SSW facing section of gully [117] |
| 016 | N | S facing section of gully [119] |
| 017 | W | E facing section of gully [121] + [123] |
| 018 | W | E facing section of terminus [501] |
| 019 | N | S facing section of ditch [503] |
| 020 | NW | SE facing section of terminus [505] |
| 021 | N | Terminus [505] |
| 022 | NE | SW facing section of terminus [505] |

| Frame | Direction | Description |
|-------|-----------|--|
| 023 | N | S facing section of gully [507] |
| 024 | NE | SW facing section of gully [509] |
| 025 | N | S facing section of gully [511] |
| 026 | N | S facing section of gully [511] |
| 027 | W | Trench 6 facing E |
| 028 | N | Trench 9 facing N |
| 029 | W | Trench 15 facing E |
| 030 | W | E facing section of pits [1507] and [1509] |
| 031 | W | E facing section of pits [1507] and [1509] |
| 032 | W | E facing section of pits [1507] and [1509] |
| 033 | S | N facing view of [1507 and 1509] |
| 034 | S | N facing section of pit [1507] |
| 035 | NW | SE facing section of gully [303] |
| 036 | S | N facing section of gully [303] |
| 037 | E | W facing section of [305] |
| 038 | S | N facing section of [305] |
| 039 | N | S facing section of ditch [307] |
| 040 | NW | SE facing section of ditch [403] |
| 041 | S | N facing section of ditch [403] |
| 042 | NNW | SSE facing section of gully [405] |
| 043 | S | N facing section of gully [405] |
| 044 | N | S facing section of ditch [1501] |
| 045 | N | S facing section of ditch [1503] |
| 046 | S | N facing section of ditch [1505] |
| 047 | N | Trench 13 facing N |
| 048 | NE | Trench 17 facing NE |
| 049 | NW | Trench 16 facing NW |
| 050 | E | Trench 11 facing E |
| 051 | S | Trench 12 facing S |
| 054 | SE | NW facing section of ditch [1104] |
| 055 | SW | NE facing section of ditch [1204] |
| 056 | E | W facing section of ditch [1204] |
| 057 | NW | SE facing section of gully [602] |
| 058 | NW | SE facing section of gully [604] |
| 059 | W | E facing section of [1603] |
| 060 | W | E facing section of [1605] |
| 061 | W | E facing section of [1611] |
| 062 | NE | SW facing section of ditch [203] |



| Frame | Direction | Description |
|-------|-----------|---|
| 063 | NE | SW facing section of gully [206] |
| 064 | SW | NE facing section of gully [206] and pit [208] |
| 065 | S | N facing section of post-hole [210] |
| 066 | SW | NE facing section of gully [206] and pit [208] |
| 067 | SW | NE facing section of ditch [212] |
| 068 | W | E facing section of ditch [1607] |
| 069 | W | E facing section of ditch [1609] |
| 070 | W | E facing section of ditch [1617] |
| 071 | W | E facing section of ditch [1617] |
| 072 | W | E facing section of ditch [1617] |
| 073 | NNE | SSW facing view of [1613], [1615] and [1611] |
| 074 | NW | SE facing section of [1613] and [1615] |
| 075 | NW | SE facing section of [1613] and [1615] |
| 076 | W | E facing section of ditch [1701] |
| 077 | W | E facing section of ditch [1703] |
| 078 | W | E facing section of ditch [1705] |
| 079 | SW | Trench 19 facing SW |
| 080 | E | Trench 21 facing E |
| 081 | NW | SE facing section of ditch [2101] |
| 082 | NW | SE facing section of ditch [2103] |
| 083 | W | E facing section of ditch [2105] |
| 084 | E | W facing section of gully [2107] |
| 085 | N | S facing section of pit [2109] and gully [2111] |
| 086 | N | S facing section of pit [2109] and gully [2111] |
| 087 | NE | SW facing section of gully [2113] |
| 088 | NE | SW facing section of gully [2115] |
| 089 | E | W facing section of gully [2117] and [2119] |
| 090 | S | Trench 22 facing S |
| 091 | SW | NE facing section of gully [2201] |
| 092 | SE | NW facing section of gully [2401] |
| 093 | SE | NW facing section of gully [2403] |
| 094 | W | Trench 24 facing W |
| 095 | S | Trench 28 facing S |
| 096 | E | W facing section of gully [2801] |
| 097 | W | Trench 29 facing W |
| 098 | S | Trench 30 facing S |
| 099 | N | S facing section of gully [2901] |
| 100 | S | N facing section of [2903] and [2905] |

| Frame | Direction | Description |
|-------|-----------|---|
| 101 | S | N facing section of ditch [2907] |
| 102 | SE | NW facing section of pit [3001] |
| 103 | SE | NW facing section of pit [3003] |
| 104 | NW | SE facing section of pit [3005] |
| 105 | S | Trench 30 facing S |
| 106 | SW | Trench 18 facing SW |
| 107 | W | Trench 31 facing W |
| 108 | N | S facing section of ditch [3101] |
| 109 | NW | SE facing section of ditch [3103] |
| 110 | SE | Trench 32 facing SE |
| 111 | NE | Trench 33 facing NE |
| 112 | SW | NE facing section of ditch [3301] |
| 113 | NW | SE facing section of [3303] and [3305] |
| 114 | SW | NE facing section of ditch [3307] |
| 115 | WNW | ESE facing section of ditch [1909] |
| 116 | SSW | NNE facing section of gully [1915] |
| 117 | SSW | NNE facing section of gully [1919] |
| 118 | WNW | ESE facing section of gully [1905] and [1907] |
| 119 | NNE | SSW facing section of gully [1903] |
| 120 | WNW | ESE facing section of post-hole [1911] and [1913] |
| 121 | SSW | NNE facing section of gully [1917] |
| 122 | WSW | ENE facing section of gully [1921] and ditch [1923] |
| 123 | W | E facing section of ditch [1801] |
| 124 | SW | NE facing section of ditch [1803] |
| 125 | NW | SE facing section of ditch [1805] |
| 126 | SSW | NNE facing section of pit [109] |
| 127 | NE | Trench 23 facing SW |
| 128 | S | Trench 25 facing S |
| 129 | SW | NE facing section of gully [2501] |
| 130 | NW | SE facing section of gully [2503] |
| 131 | SW | Trench 26 facing NE |
| 132 | SW | NE facing section of gully [2601] |
| 133 | E | W facing section of pit [2701] |
| 134 | E | W facing section of pit [2701] |
| 135 | N | S facing section of pit [2703] |
| 136 | E | W facing section of pits [2701] and [2705] |
| 137 | E | W facing section of pits [2701] and [2705] |
| 138 | E | W facing section of pits [2701] and [2705] |

Headland Archaeology

| Frame | Direction | Description |
|-------|-----------|---|
| 139 | NW | SE facing section of ditch [2707] |
| 140 | E | Trench 27 facing E |
| 141 | N | Trench 14 facing N |
| 142 | NW | SE facing section of ditch [805] |
| 143 | E | E facing section of ditch [1401] |
| 145 | NW | SE facing section of post-hole [801] |
| 146 | NW | SE facing section of post-hole [801] |
| 147 | NW | SE facing section of post-hole [803] |
| 148 | SW | NE facing section of ditch [807] |
| 149 | SW | NE facing section of ditch [701] and [703] |
| 150 | SE | NW facing section of ditch [707] |
| 151 | SW | Trench 7 facing SW |
| 152 | SW | Trench 8 facing SW |
| 153 | NNW | SSE facing section of ditch [2303] |
| 154 | S | N facing section of ditch [2303] |
| 155 | NNW | SSE facing section of ditch [2305] and gully [2307] |
| 156 | S | N facing section of ditch [2305] and [2307] |
| 157 | S | N facing section of [2309] [2311] and [2313] |
| 158 | E | W facing section of [2309] and [2313] |
| 159 | N | S facing section of [2311] |
| 160 | W | E facing section of ditch [2313] and [2315] |
| 161 | W | E facing section of ditch [2317] |
| 162 | E | W facing section of ditch [2319] |
| 163 | S | Trench 27B |
| 164 | W | Trench 27B |
| 165 | N | Trench 27B |
| 166 | E | Trench 27B |
| 167 | NE | SW facing section of [2711] |



APPENDIX 2 FINDS CATALOGUES

Fabric codes

FC – fired clay, no visible inclusions; **FLAF** – flint, abundant fine; **FLAC** – flint, abundant, coarse; **FLMC** – flint, moderate coarse; **FLMM** – flint, moderate, medium; **FLSF** – flint, sparse, fine. **FLQUMM** – Flint and quartz, moderate, medium (n.b. some very small fragments (i.e. <10mm) could not be assigned a fabric code)

Firing codes

O – oxidised; **UO** – unoxidised (i.e. reduced); **IF** – irregularly fired

| Trench | Context | Feature | Sample | Qty | Weight (g) | Material | Object | Description | Condition | Fabric & firing Period codes | |
|--------|---------|---------|--------|-----|------------|------------------|-------------------------|---|------------------------|--------------------------------|----------------------|
| 1 | 101 | 100 | – | 3 | – | Lithics | Debitage | Burnt chunk and two flakes | fresh/burnt | – | PH |
| 1 | 101 | 100 | – | – | 2 | Pottery (Mod) | Modern Whiteware | small body sherd | | – | Mod: 1820-present |
| 1 | 101 | 100 | – | 1 | 1 | Pottery (PH) | Coarseware | Small fragment | very abraded | R | – |
| 1 | 104 | 103 | – | 1 | 1 | Pottery (PH) | Coarseware | Small body sherd | very abraded | FC; O | PH |
| 1 | 106 | 105 | – | 1 | 1 | Pottery (PH) | Coarseware | Small body sherd | very abraded | FLSF; UO | PH |
| 1 | 108 | 107 | – | 2 | – | Lithics | Debitage and Tool | Edge retouched flake (alternating, semi abrupt, to much of the edges) and short hard hammer flake | fresh | – | PH |
| 1 | 108 | 107 | – | 1 | 1 | Pottery (PH) | Coarseware | Small body sherd | very abraded | FC; UO, O exterior | PH |
| 1 | 110 | 109 | – | 6 | – | Lithics | Debitage | Flakes, blade and burnt chunks | fresh/burnt | – | PH |
| 1 | 110 | 109 | 6 | 247 | – | Lithics | Debitage | Around 10 flakes and many chips and fragments, most are burnt | fresh/burnt | – | PH |
| 1 | 110 | 109 | 6 | – | 1 | Glass | Fragment | clear glass fragment | – | – | Mod |
| 1 | 110 | 109 | 6 | – | 1 | Industrial waste | Mag Res | Hammerscale and magnetised natural | – | – | IA or later |
| 1 | 110 | 109 | – | 27 | 214 | Pottery (PH) | Carinated Bowl | Four medium gently everted, flattened P-shaped rim sherds with upright necks (possibly representing two vessels) and curving belly/base sherds. Wiped interior with wiped and/or burnished exterior | abraded | FLMC; IF | Neol |
| 1 | 110 | 109 | 6 | 90 | 50 | Pottery (PH) | Coarseware | Small body sherds and small fragments. One of the body sherds has with two, shallow, parallel incised lines which may be decoration | lightly abraded | FLMC; IF | PH |
| 1 | 112 | 111 | – | 2 | – | Lithics | Debitage and Tool | Flake and edge retouched piece with inverse retouch to the right lateral medial to distal, fairly acute | fresh | – | PH |
| 2 | 204 | 204 | – | 8 | – | Lithics | Core, Debitage and Tool | Patinated multi platform core, corticated chunk, burnt and broken flake, fresh flake, two notches pieces and two edge retouched pieces | fresh/burnt/corticated | – | PH |
| 2 | 204 | 204 | – | 1 | 3 | Pottery (PH) | Coarseware | Small body sherd | abraded | FC; UO | PH |
| 2 | 205 | 203 | – | 9 | – | Lithics | Debitage and Tool | Seven edge retouched pieces, a broken flake and a lightly patinated flake | fresh/patinated | – | PH |
| 2 | 205 | 203 | – | 29 | 72 | Pottery (PH) | Beaker | Small body sherd, and everted neck sherd and small flat base sherd from an all over comb impressed beaker. The decoration is mostly in the form of horizontal lines but the neck sherd shows cross hatching | very abraded | FLAF/FLAM; O surfaces, UO core | LN/EBA Trans. |
| 2 | 207 | 206 | – | 1 | – | Lithics | Debitage | Small hinge terminated, hard hammer flake | fresh | – | PH |
| 2 | 209 | 108 | – | 1 | – | Lithics | Debitage | Flake with large part of platform, probable platform trimming flake | fresh | – | PH |

Headland Archaeology

| Trench | Context | Feature | Sample | Qty | Weight (g) | Material | Object | Description | Condition | Fabric & firing Period codes | |
|--------|---------|---------|--------|-----|------------|------------------|-------------------------|---|------------------|-------------------------------|-------------|
| 2 | 213 | 212 | — | 9 | — | Lithics | Core, Debitage and Tool | Three retouched pieces, including a thick scraper with cortical dorsal and straight abruptly retouched distal end. Two multi platform cores, two flakes and two corticated pieces | fresh/corticated | — | PH |
| 3 | 308 | 307 | — | 1 | — | Lithics | Debitage | Short, hard hammer flake | fresh | — | PH |
| 3 | 308 | 307 | — | 2 | 4 | Pottery (PH) | Coarseware | Small conjoining body sherds | abraded | ?SF; O surfaces, UO core | PH |
| 4 | 404 | 403 | — | 5 | | Lithics | Core, Debitage and Tool | Multi platform core, edge retouched piece with notch and broken distal, three flakes (one of which is a possible double ventral flake) | fresh | — | PH |
| 5 | 506 | 505 | — | 18 | | Lithics | Debitage | Flake and Chips | fresh | — | PH |
| 5 | 506 | 505 | 4 | 0 | 1 | Industrial Waste | Mag Res | Hammerscale and magnetised natural | — | — | IA or later |
| 5 | 506 | 505 | 4 | 1 | 1 | Pottery (PH) | Coarseware | Fragment | very abraded | FLC; O | PH |
| 7 | 702 | 701 | — | 8 | — | Lithics | Core, Debitage and Tool | Multi platform core (4? platforms), five flakes, a double ventral flake and an edge retouched flake | fresh | — | PH |
| 7 | 702 | 701 | — | 1 | 1 | Pottery (PH) | Coarseware | Small body sherd | abraded | FLMM | PH |
| 7 | 704 | 703 | — | 4 | — | Lithics | Debitage | Four flakes, two hinge terminated, one a distal fragment | fresh | — | PH |
| 7 | 708 | 707 | — | 11 | — | Lithics | Debitage and Tool | Four edge retouched flakes, one edge retouched blade, one semi invasively retouched preform, four flakes and a double ventral flake | fresh | — | PH |
| 8 | 806 | 805 | — | 5 | — | Lithics | Core and Debitage | Multi platform core (4? platforms), 2 flakes, 2 chunks | fresh | — | PH |
| 8 | 808 | 807 | — | 1 | — | Lithics | Debitage | Hard hammer flake | fresh | — | PH |
| 11 | 1105 | 1104 | — | 2 | — | Lithics | Debitage | Two flakes, one hard hammer, one missing the proximal end | fresh | — | PH |
| 12 | 1205 | 1204 | — | 5 | — | Lithics | Core, Debitage and Tool | Single Platform core, scraper, blade, flake and a burnt flake | fresh/burnt | — | PH |
| 12 | 1205 | 1204 | — | 2 | 2 | Pottery (PH) | Coarseware | Small conjoining body sherds | very abraded | FC; O exterior, UOPH interior | |
| 14 | 1408 | | — | 4 | — | Lithics | Debitage | Three flakes and a chunk | fresh | — | PH |
| 15 | Topsoil | | — | 1 | — | Lithics | Debitage | Hard hammer flake | fresh | — | PH |
| 15 | 1502 | 1501 | — | 6 | — | Lithics | Debitage | Distal fragment of probable scraper (also primary flake), four flakes and a chunk | fresh/burnt | — | PH |
| 15 | 1502 | 1501 | — | 1 | 1 | Pottery (PH) | Coarseware | Small fragment | very abraded | UO | — |
| 15 | 1506 | 1505 | — | 2 | — | Lithics | Debitage and Tool | Burnt edge retouched flake and an inner hard hammer flake with double bulb | fresh/burnt | — | PH |
| 15 | 1506 | 1505 | — | 1 | — | Lithics | Core | Multi Platform Core with five platforms | fresh | — | PH |
| 15 | 1508 | 1507 | — | 1 | — | Lithics | Tool | Broken leaf shaped arrowhead roughout, alternate edge retouch and the start of some semi invasive retouch to one face, double ventral flake, split longitudinally in half | fresh | — | Neol |
| 15 | 1510 | 1509 | — | 2 | — | Lithics | Debitage and Tool | Edge retouched piece and small hard hammer flake | fresh | — | PH |
| 16 | 1602 | 1601 | — | 2 | — | Lithics | Debitage | Two secondary, hard hammer flakes | fresh | — | PH |
| 16 | 1604 | 1603 | — | 9 | — | Lithics | Core, Debitage and Tool | Single platform core, one edge retouched flake, six flakes and a blade | fresh | — | PH |



| Trench | Context | Feature | Sample | Qty | Weight (g) | Material | Object | Description | Condition | Fabric & firing Period codes | |
|--------|---------|---------|--------|-----|------------|------------------|-------------------|--|-----------------|--------------------------------|---------------|
| 16 | 1604 | 1603 | — | 1 | 3 | Pottery (PH) | Possible Beaker | Small body sherd with cross incised lines | abraded | FLMM; O exterior, UO interior | LN/EBA Trans. |
| 16 | 1606 | 1605 | — | 4 | — | Lithics | Debitage and Tool | Piercer and three large hard hammer flakes | fresh | — | PH |
| 16 | 1606 | 1605 | — | 80 | — | Lithics | Debitage | Three burnt chunks, four small flakes and many burnt chips | fresh/burnt | — | PH |
| 16 | 1606 | 1605 | 1 | — | 1 | Industrial Waste | Mag Res | Hammerscale and magnetised natural | — | — | IA or later |
| 16 | 1606 | 1605 | 1 | 14 | 9 | Pottery (PH) | Coarseware | Small body sherds and fragments, one sherd is burnished | lightly abraded | FLAF; IF | PH |
| 16 | 1608 | 1607 | — | 1 | — | Lithics | Debitage | Burnt, secondary, hard hammer flake | burnt | — | PH |
| 16 | 1616 | 1615 | — | 107 | — | Lithics | Debitage | Small flakes, chunks and chips, mostly burnt | burnt | — | PH |
| 16 | 1616 | 1615 | — | 2 | — | Lithics | Core and Tool | Flake re-used as a core and an large edge retouched piece with concave left lateral from medial to distal | fresh | — | PH |
| 16 | 1616 | 1615 | — | 5 | 5 | Pottery (PH) | Coarseware | Small body sherd and fragments | very abraded | MF; O | PH |
| 16 | 1616 | 1615 | 2 | 8 | 11 | Pottery (PH) | Coarseware | Small sherds; one is certainly pottery (FLAF) the others are possibly daub (FC) | abraded | FC, O/FLAF; UO | PH |
| 16 | 1618 | 1617 | — | 6 | — | Lithics | Core and Debitage | Multi platform core (2? platforms), 2 flakes and three chunks | fresh | — | PH |
| 17 | 1706 | 1705 | — | 3 | — | Lithics | Debitage and Tool | Probable scraper and two flakes | fresh | — | PH |
| 18 | 1802 | 1801 | — | 1 | 4 | Pottery (PH) | Beaker | Small body sherd with comb impressed decoration in the form of two horizontal bands bordered by criss crossed diagonals | abraded | FLAF/FLAM; O surfaces, UO core | LN/EBA Trans. |
| 18 | 1804 | 1803 | — | 1 | — | Lithics | Tool | Broken hard hammer flake with concave edge retouch to the left lateral medial | fresh | — | PH |
| 18 | 1806 | 1805 | — | 7 | — | Lithics | Core and Debitage | Multi platform core (2 visible platforms) and six large hard hammer flakes | fresh | — | PH |
| 19 | 1908 | 1907 | — | 4 | 1 | Pottery (PH) | Coarseware | Small fragments | very abraded | FC; O | - |
| 19 | 1910 | 1909 | — | 9 | — | Lithics | Debitage | Three burnt chunks and six flakes | fresh/burnt | — | PH |
| 19 | 1910 | 1909 | — | 1 | 1 | Pottery (PH) | Coarseware | Small fragment with one original surface | abraded | FLAF; UO | PH |
| 19 | 1910 | 1909 | — | 4 | 130 | Pottery (PH) | Coarseware | Four conjoining rim and neck sherds from a vessel with a flat rim, upright neck and shoulder or rounded belly | abraded | FLAC; IF | PH |
| 19 | 1914 | 1913 | 10 | 10 | — | Lithics | Debitage and Tool | Probable knife fragment, medial and distal section of blade with acute retouch to entire remaining left lateral. One burnt and one fresh chunk, three broken and burnt flakes, four fresh flakes | fresh/burnt | — | PH |
| 19 | 1914 | 1913 | — | 3 | 44 | Pottery (PH) | Peterborough Ware | Small and medium conjoining rim sherd which is squared and everted with a concave neck. The sherd is decorated with rows of vertical fingernail impressions to the rim edge and the neck | lightly abraded | FL | later Neol |
| 19 | 1916 | 1915 | — | 3 | — | Lithics | Debitage | Two chunks (possible cores) which are slightly abraded. And a small, inner, hard hammer flake | fresh/abraded | — | PH |
| 19 | 1918 | 1917 | — | 7 | — | Lithics | Debitage and Tool | Three retouched flakes, two are broken. Two broken flakes and two complete flakes | fresh | — | PH |
| 19 | 1918 | 1917 | — | 9 | 6 | Pottery (PH) | Everted neck | Small body sherd with wiped interior and burnished exterior, five small fragments | lightly abraded | FLAM; UO | PH |

Headland Archaeology

| Trench | Context | Feature | Sample | Qty | Weight (g) | Material | Object | Description | Condition | Fabric & firing Period codes | |
|--------|---------|---------|--------|-----|------------|--------------|-------------------------|--|-----------------|------------------------------|------------------------------|
| 19 | 1924 | 1923 | — | 4 | — | Lithics | Debitage | Three flakes, one broken and burnt and a burnt chunk | fresh/burnt | — | PH |
| 19 | 1925 | 1923 | — | 9 | — | Lithics | Debitage and Tool | One edge retouched piece and eight flakes, one of which fresh /burnt is broken, the other burnt | — | — | PH |
| 19 | 1926 | 1923 | — | 45 | — | Lithics | Core, Debitage and Tool | Four multi-platform cores or core fragments, eight retouched pieces, 30 flakes and 3 chunks. There is a small piece of transparent light brown flint which is missing its right lateral. The right side of the proximal end has a deep notch. This is possibly a fragment of an unfinished barbed and tanged arrowhead | fresh | — | PH |
| 19 | 1926 | 1923 | — | 25 | 127 | Pottery (PH) | Carinated Bowl | Everted rim sherd, sharply carinated sherd and many body sherds, several conjoining. The surface has been burnished and there are wipe marks on the interior | lightly abraded | FLAF; IF | Neol |
| 21 | 2013 | Ditch | — | 2 | 4 | Pottery (PH) | Coarseware | Small conjoining sherds | abraded | FC; UO | PH |
| 21 | 2101 | Ditch | — | 6 | — | Lithics | Debitage and Tool | End scraper on a blade and a blade with nibbled retouch to the right lateral medial to distal. The remaining four pieces are small hard hammer flakes | fresh | — | PH |
| 21 | 2106 | 2105 | — | 2 | — | Lithics | Debitage | Two hard hammer flakes | fresh | — | PH |
| 21 | 2106 | 2105 | — | 2 | 2 | Pottery (PH) | Coarseware | Small body sherd | lightly abraded | ?SF; O surfaces, UO core | PH |
| 21 | 2108 | 2107 | — | 1 | — | Lithics | Debitage | Sub circular hard hammer flake | fresh | — | PH |
| 21 | 2110 | 2109 | 3 | 86 | — | Lithics | Debitage | Burnt chunks and chips | burnt | — | PH |
| 21 | 2110 | 2109 | — | 7 | — | Lithics | Debitage and tool | Distal fragment with very fine denticulate retouch to remaining right lateral; the four other pieces are all burnt fragments categorised as chunks | fresh/burnt | — | PH |
| 21 | 2110 | 2109 | — | 7 | 63 | Pottery (PH) | Coarseware | Small body sherds | very abraded | FLMC; IF | PH |
| 21 | 2110 | 2109 | 3 | 4 | 4 | Pottery (PH) | Coarseware | Small sherds and fragments | very abraded | FLAF; IF | PH |
| 21 | 2112 | 2111 | — | 4 | — | Lithics | Debitage | Four hard hammer flakes, one broken | fresh | — | PH |
| 21 | 2112 | 2111 | — | 12 | 14 | Pottery (PH) | Coarseware | Small body sherds | abraded | FLMM; IF | PH |
| 23 | 2302 | | — | 1 | — | Lithics | Core | Multi-platform core | fresh | — | PH |
| 23 | 2304 | 2303 | — | 5 | — | Lithics | Debitage and Tool | Distal fragment with inverse denticulate retouch to entire remaining left lateral; of the remaining four flake one is burnt and one is broken | fresh/burnt | — | PH |
| 23 | 2306 | 2305 | — | 1 | 5 | Pottery (PH) | Coarseware | Small body sherd | abraded | FLMC; UO | PH |
| 23 | 2308 | 2307 | — | 2 | — | Lithics | Tool | Possible knife with alternate, acute retouch to left lateral; fresh and a possible piercer with a small notch of concave retouch to the right and left of the right distal corner | — | — | PH |
| 23 | 2312 | 2311 | — | 6 | — | Lithics | Debitage and Tool | Sub circular scraper, edge retouched piece, two broken flakes and two chunks (one burnt) | fresh/burnt | — | PH |
| 23 | 2314 | 2313 | — | 2 | — | Lithics | Debitage | Two flakes, one hard hammer and one possibly bipolar | fresh | — | PH |
| 23 | 2318 | 2319 | — | 1 | — | Lithics | Tool | Probable scraper but is missing the right distal corner, semi abrupt retouch to the right lateral and rest of the remaining distal | fresh | — | PH |
| 23 | 2318 | 2319 | — | 23 | 136 | Pottery (PH) | Flat-Based Vessel | Conjoining sherds from base and wall of a flat based vessel with thin kicked out walls. Possible fingernail impressions near base. Probable overall trunconic or vase shape | abraded | FLA; IF | Later Neol to Early Iron Age |
| 23 | 2320 | 2321 | — | 1 | — | Lithics | Debitage | Small, hard hammer flake | fresh | — | PH |



| Trench | Context | Feature | Sample | Qty | Weight (g) | Material | Object | Description | Condition | Fabric & firing codes | Period |
|--------|---------|---------|--------|-----|------------|------------------|-------------------|--|---------------|-----------------------|-------------|
| 25 | Subsoil | | — | 2 | — | Lithics | Debitage and Tool | Edge retouched piece and a very large flake | fresh | — | PH |
| 27 | 2713 | 2712 | 5 | 2 | — | Glass | Fragment | clear glass fragment | — | — | Mod |
| 27 | 2713 | 2712 | 5 | — | 1 | Industrial Waste | Mag Res | Spheroidal hammerscale and iron corrosion fragments | — | — | IA or later |
| 27 | 2713 | 2712 | 5 | 102 | — | Lithics | Debitage | Very small often abraded chips, possibly natural flint | fresh/abraded | — | — |
| 27 | 2713 | 2712 | — | 36 | 1 | Pottery (PH) | - | Very small fragments of fired clay, possibly pottery | very abraded | FC, 0 | — |

Headland Archaeology

APPENDIX 3 ENVIRONMENTAL RESULTS

APPENDIX 3.1 RETENT RESULTS

| Context | Sample | Sample Vol (l) | Burnt bone | | Unburnt bone | | Shell | | Charred plant | Charcoal | | Material available for AMS Dating | Cinders | Coal | Comments |
|---------|--------|----------------|------------|--------|--------------|------|-------------|-------------|---------------|----------|---------------|---|---------|------|--|
| | | | Mammal | Mammal | Fish | Fish | Terrestrial | Terrestrial | | Qty | Max size (cm) | | | | |
| 1606 | 1 | 40 | — | — | — | — | + | — | — | + | 0.6 | Charcoal + | — | — | Charcoal oak |
| 1616 | 2 | 40 | ++ | — | — | — | + | — | — | +++ | 1.2 | Burnt Bone +, Charcoal ++ | — | — | Charcoal oak and non-oak |
| 2110 | 3 | 5 | — | — | — | — | + | — | — | ++ | 1.4 | Charcoal + | — | — | Charcoal oak |
| 506 | 4 | 40 | + | — | — | — | — | — | — | — | — | — | + | + | — |
| 2713 | 5 | 40 | ++ | ++ | + | — | — | + | — | — | — | Burnt Bone + | + | + | Charred seed present |
| 110 | 6 | 20 | +++ | + | — | — | — | +++ | +++ | +++ | 1.4 | Burnt Bone +, Charcoal ++, Nutshell +++ | — | — | Charred nutshell present, charcoal oak |

Key: + = rare (0-5), ++ = occasional (6-15), +++ = common (15-50) and ++++ = abundant (>50)

NB charcoal over 1cm is suitable for identification and AMS dating

APPENDIX 3.2 FLOT RESULTS

| Context | Sample | Total flot Vol (ml) | Triticum sp. (wheat) | Cereals indet. | Other plant remains | Charcoal | | Material available for AMS | Comments |
|---------|--------|---------------------|----------------------|----------------|------------------------------|----------|---------------|----------------------------|---|
| | | | | | | Qty | Max size (cm) | | |
| 1606 | 1 | 25 | + | — | Chenopodium sp+ | ++++ | <0.1 | No | — |
| 1616 | 2 | 25 | — | — | — | +++ | 1cm | Yes | Charcoal non-oak |
| 2110 | 3 | 25 | — | — | — | ++++ | — | Yes | Charcoal oak |
| 506 | 4 | 50 | — | — | Chenopodium sp+, Rumex sp+ | + | <0.1 | No | — |
| 2713 | 5 | — | — | — | Atriplex sp. | +++ | <0.1 | — | — |
| 110 | 6 | 75 | +- | + | Modern roots +++, Rumex sp + | +++ | — | Yes | Charcoal non-oak. Sample contains several beetles |

Key: + = rare (0-5), ++ = occasional (6-15), +++ = common (15-50) and ++++ = abundant (>50)

NB charcoal over 1cm is suitable for identification and AMS dating



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