ASSESSMENT OF ARCHAEOLOGICAL INVESTIGATIONS ON LAND AT TYLERS, BRENT WAY, DARTFORD, KENT

LOCAL PLANNING AUTHORITY:
KCC

PLANNING APPLICATION NUMBER:
13/00046/OUT

SITE CODE: KTW14

PCA REPORT NO: 12307

DECEMBER 2015

PRE-CONSTRUCT ARCHAEOLOGY

DOCUMENT VERIFICATION

INVESTIGATIONS ON LAND AT TYLERS, BRENT WAY, DARTFORD, KENT

ARCHAEOLOGICAL EXCAVATIONS

Quality Control

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ASSESSMENT OF ARCHAEOLOGICAL INVESTIGATIONS ON LAND AT TYLERS, BRENT WAY, DARTFORD, KENT

Site Code:	**KTBW14**
Central National Grid Reference:	**TQ 5564 7414**

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Report number: R12307

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1 ABSTRACT

1.1 This report documents the results of an archaeological excavation undertaken by Pre-Construct Archaeology Ltd (PCA) on land formerly occupied by Tylers, Brent Way, Dartford, Kent (Figs 1 & 2). The report was commissioned by CgMs Consulting on behalf of Bellway Homes Ltd. The site is centred on National Grid Reference TQ 5564 7414.

1.2 The excavation was undertaken between 22nd October and 24th November 2014, and followed on from an archaeological evaluation undertaken between 10th and 16th October 2014. The evaluation identified Bronze Age postholes, pits and occupation layers on the east side of the study site, the presence of which necessitated further mitigation.

1.3 The archaeological investigations found that the earliest deposit on site comprised Seaford and Newhaven formation chalk bedrock, overlain by Thanet Beds. A brickearth layer was present in the central part of the site and variations in the natural geology indicated that a linear depression possibly the remnants of a minor valley feature existed across the central part of the site.

1.4 A large assemblage of prehistoric struck flint was collected during the archaeological investigations which confirmed prehistoric activity at the site over a long period of time. A colluvial layer produced evidence of early activity on or near to the site, activity which commenced during the Mesolithic and continued into the Early Bronze Age. The early prehistoric activity most likely reflects transient hunter-gatherer groups occasionally visiting the area. The later prehistoric periods, specifically the Late Bronze Age and Iron Age, represented the main phases of activity and the nature of the lithic assemblages suggests that later prehistoric settlement and agriculture occurred near to the site.

1.5 A number of pits broadly attributed to the Late Iron Age-Romano-British period, a single pit dated to the Saxon period, a number of undated pits and a colluvial deposit represented later archaeological features on site. The archaeological evidence suggest that the site was only occasionally used from the end of the late prehistoric period, through to the modern era.

2 INTRODUCTION

2.1 This report was commissioned by CgMs Consulting on behalf of Bellway Homes Ltd (South East Division). The report details the results of an archaeological excavation undertaken by Pre-Construct Archaeology Ltd (PCA) on land at Tylers, Brent Way, Dartford, Kent (Figs. 1 & 2). The site is centred on National Grid Reference TQ 5564 7114.

2.2 An archaeological desk-based assessment was previously conducted for the site (Hawkins 2014). A subsequent evaluation demonstrated that localised areas of untouched and minimally truncated geology survived and were overlain by archaeological deposits.

2.3 The project specification for the excavation outlined a number of specific aims for the archaeological investigations (Hawkins, H. 2014). These were:

- To determine the natural topography and geology of the site, and the height at which it survives;
- To establish the nature and extent of the prehistoric activity on the site;
- To establish the presence or absence of Roman or later activity;
- To establish the extent of all past post-depositional impacts on the archaeological resource.

2.4 The investigations were supervised by Guy Seddon, project-managed by Helen Hawkins and the post-excavation work was managed by Frank Meddens. The archaeological investigations were monitored by Wendy Rogers on behalf of Kent County Council, whilst Duncan Hawkins of CgMs Consulting served as archaeological consultant to the client, Bellway Homes.

2.5 The site archive, including written, drawn and photographic records, as well as artefactual material, will be deposited with an appropriate local archive – if such can be identified.

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Figure 1
Site Location
1:20,000 at A4

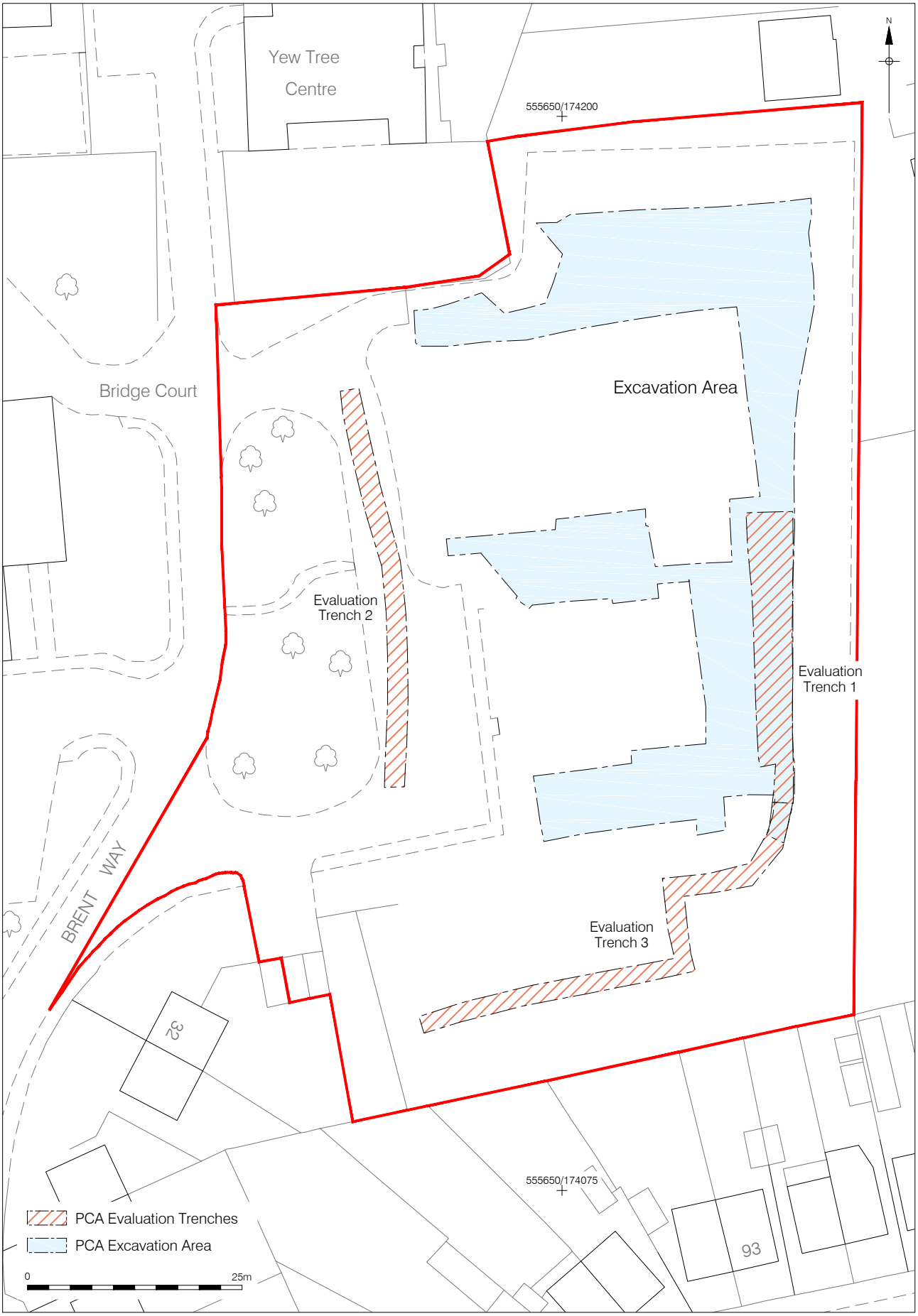

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Figure 2
Detailed Site and Trench Location
1:625 at A4

3 PLANNING BACKGROUND

3.1 The study aims to satisfy the objectives of Kent County Council and Dartford Borough Council, which fully recognise the importance of the buried heritage for which they are the custodians.

3.2 Planning permission has previously been granted for the residential redevelopment of the site (13/00046/OUT).

3.3 In March 2012, the government published the National Planning Policy Framework (NPPF), which replaces national policy relating to heritage and archaeology (PPS5: Planning Policy Statement 5: Planning for the Historic Environment). The Practice Guide which was issued with PPS5 is still valid however, and English Heritage have provided documentation translating former PPS5 policy into its NPPF counterpart.

3.4 Section 12 of the NPPF, entitled *Conserving and Enhancing the Historic Environment* provides guidance for planning authorities, property owners, developers and others on the conservation and investigation of heritage assets. Overall, the objectives of Section 12 of the NPPF can be summarised as seeking the:

Delivery of sustainable development

- Understanding the wider social, cultural, economic and environmental benefits brought by the conservation of the historic environment
- Conservation of England's heritage assets in a manner appropriate to their significance, and
- Recognition of the contribution that heritage assets make to our understanding of the past.

3.5 Section 12 of the NPPF recognises that intelligently managed change may sometimes be necessary if heritage assets are to be maintained for the long term. Paragraph 128 states that planning decisions should be based on the significance of the heritage asset, and that level of detail supplied by an applicant should be proportionate to the importance of the asset and should be *no more than sufficient* to review the potential impact of the proposal upon the significance of that asset.

3.6 *Heritage Assets* are defined in Annex 2 of the NPPF as: a building, monument, site, place, area or landscape positively identified as having a degree of significance meriting consideration in planning decisions. They include designated heritage assets (as defined in the NPPF) and assets identified by the local planning authority during the process of decision-making or through the plan-making process.

3.7 Annex 2 also defines *Archaeological Interest* as a heritage asset which holds or potentially could hold evidence of past human activity worthy of expert investigation at some point. Heritage assets with archaeological interest are the primary source of evidence about the substance and evolution of places, and of the people and cultures that made them.

3.8 A *Designated Heritage Asset* comprises a: World Heritage Site, Scheduled Monument, Listed Building, Protected Wreck Site, Registered Park and Garden, Registered Battlefield or Conservation Area.

3.9 *Significance* is defined as: The value of a heritage asset to this and future generations because of its heritage interest. This interest may be archaeological, architectural, artistic or historic. Significance derives not only from a heritage asset's physical presence, but also from its setting.

3.10 In short, government policy provides a framework which:

- Protects nationally important designated Heritage Assets (which include World Heritage Sites, Scheduled Ancient Monuments, Listed Buildings, Protected Wreck Sites, Registered Parks and Gardens, Registered Battlefields or Conservation Areas)
- Protects the settings of such designations
- In appropriate circumstances seeks adequate information (from desk based assessment and field evaluation where necessary) to enable informed decisions
- Provides for the excavation and investigation of sites not significant enough to merit *in-situ* preservation.

3.11 In considering any planning application for development, the planning authority will be mindful of the framework set by government policy, in this instance the NPPF, by current Development Plan Policy and by other material considerations.

3.12 The relevant Local Plan framework is provided by the Dartford Borough Council Local Plan Review Second Deposit Draft, dated September 2002. Since September 2007 a number of saved policies remain valid until the adoption of the Local Development Framework (LDF) Development Management Policies. Saved policies relating to archaeology include:

> ***BE10 SCHEDULED ANCIENT MONUMENTS***
>
> *DEVELOPMENT ON OR NEAR THE SITE OF A SCHEDULED ANCIENT MONUMENT WHICH WOULD HAVE AN ADVERSE IMPACT ON THE ARCHAEOLOGICAL INTEREST OR ITS SETTING WILL NOT BE PERMITTED.*

BE11 PROTECTION OF SITES OF LOCAL ARCHAEOLOGICAL VALUE

PLANNING PERMISSION WILL ONLY BE GRANTED FOR DEVELOPMENT WHICH WOULD HAVE A DETRIMENTAL EFFECT UPON THE REMAINS OF LOCAL ARCHAEOLOGICAL VALUE IF THE IMPORTANCE OF THE DEVELOPMENT OUTWEIGHS THE LOCAL VALUE OF THE REMAINS. IF PLANNING PERMISSION IS GRANTED, CONDITIONS WILL BE IMPOSED TO ENSURE THAT THE REMAINS ARE PROPERLY RECORDED, EVALUATED AND, WHERE PRACTICABLE, PRESERVED.

B12

OTHER SITES OF ARCHAEOLOGICAL SIGNIFICANCE WILL BE PROTECTED FROM DEVELOPMENT WHERE THE ARCHAEOLOGICAL INTEREST IS OF OVERRIDING IMPORTANCE. WHERE THE INTEREST IS NOT OVERRIDING, DEVELOPMENT PROPOSALS MAY BE PERMITTED WHERE IT CAN BE DEMONSTRATED THAT THE SITE CAN BE PRESERVED EITHER IN SITU (THE PREFERRED OPTION) OR BY MAKING A DETAILED RECORD OF IT FOR FUTURE ARCHAEOLOGICAL REFERENCE. APPROPRIATE CONDITIONS WILL BE ATTACHED TO ANY PLANNING PERMISSION.

3.13 The study site has the benefit of outline planning consent (13/00046/OUT) subject to an archaeological planning condition.

BEFORE COMMENCEMENT OF ANY BUILDING OPERATIONS ON SITE, DETAILS OF A PROGRAMME OF ARCHAEOLOGY WORK IN ACCORDANCE WITH A WRITTEN SPECIFICATION AND TIMETABLE, SHALL BE SUBMITTED TO AND APPROVED BY THE LOCAL PLANNING AUTHORITY. THE DETAILS SHALL BE IMPLEMENTED AS APPROVED.

TO ENSURE THAT FEATURES OF ARCHAEOLOGICAL INTEREST ARE PROPERLY EXAMINED AND RECORDED IN ACCORDANCE WITH POLICY B12 OF THE ADOPTED DARTFORD LOCAL PLAN

3.14 It was decided that a programme of archaeological evaluation would form appropriate mitigation in this instance; followed if necessary by targeted areas of extended excavation should significant archaeological remains be present. The initial trial trench evaluation of the site found archaeological remains, necessitating a second phase of work, involving the opening up of an extended excavation area.

4 GEOLOGY AND TOPOGRAPHY

4.1 Geology

4.1.1 The British Geological Survey records that the site is located above an outcrop of 'Thanet Formation – Sand'. The sedimentary bedrock formed approximately 56 to 59 million years ago in the Palaeogene Period, within a local environment previously dominated by shallow seas. The bedrock geology of the surrounding area is constituted by 'Seaford Chalk and Newhaven Chalk Formation (undifferentiated) – Chalk'. The sedimentary bedrock formed approximately 71 to 89 million years ago in the Cretaceous Period, within a local environment previously dominated by warm seas (BGS 2015).

4.1.2 The British Geological Survey further flags that the sedimentary bedrock is overlain by 'Boyn Hill Gravel Member - Sand and Gravel'. The superficial deposit formed up to 2 million years ago in the Quaternary Period, within a local environment previously dominated by rivers (BGS 2015).

4.1.3 Soil investigations undertaken on the site did identify some variation in the natural geology, with 'Seaford/Newhaven Chalk Bedrock' capped by 'Thanet Beds' being present (see Appendix 5; Hawkins 2014 - Appendix 1). The Thanet Beds were encountered c.0.60m below ground level (BGL).

4.1.4 The evaluation trenches revealed that at the northern and southern ends of the study site, topsoil and overburden overlay Thanet Beds whereas in the central area colluvium was present overlying the Thanet beds. It became apparent during the open area excavation that this was because the site was situated over a dried up valley that ran on an east-west alignment, probably an ancient tributary to the River Darrent.

4.2 Topography

4.2.1 A soil investigation previously undertaken on the site found that the uppermost natural horizon in the central and northern parts of the site was overlain by 0.20m-0.60m thick made ground and c.0.10m thick tarmac. In the southern part of the site a 0.30m-0.40m thick topsoil was present above the uppermost natural horizon (Appendix 1 - Hawkins 2014).

4.2.2 The site is located on the northern side of an east-west aligned chalk ridge with the ground rising from 30m OD in the north to 35m OD in the south. Terracing associated with construction in the 1970's was noted in the north and south of the site, whilst the

central sector is located within an east-west orientated valley and was unaffected by terracing (Hawkins 2014).

5 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

5.1 Introduction

5.1.1 The archaeological and historical background for the site has previously been detailed in a site specific archaeological desk based assessment (Hawkins 2014) and is summarised below. Additional reports are referenced where appropriate.

5.2 Prehistoric

5.2.1 A poorly provenanced Palaeolithic handaxe is recorded from 'The Brent', Dartford area and archaeological work has sought to demonstrate the presence/absence of Palaeolithic material. Despite the targeted investigation of deposits which 'may' contain Palaeolithic material during archaeological work at the Stone House Hospital site (McAlley & Carey 2010), London Road and Nos. 14-16 The Brent (Fallon 2008), no evidence for Palaeolithic activity has been found within the vicinity of the site.

5.2.2 The archaeological evaluation conducted at Stone House Hospital did however recover a Mesolithic/Neolithic trimming flake and an undiagnostic flint flake, suggesting some use of the area at this time (McAlley & Carey 2010). No evidence of prehistoric activity was found during a recent archaeological evaluation along The Brent (Barrowman 2011).

5.2.3 A possible Bronze Age barrow cemetery has previously been recorded at New Town, Dartford suggesting that a Bronze Age settlement had been present in the area. With this as a consideration it is of interest that the evaluation conducted at the study site revealed evidence of Late Bronze Age settlement (Seddon 2014).

5.3 Roman, Saxon, medieval, post-medieval & modern

5.3.1 The major Roman Road, Watling Street passes from west to east, c.500m to the south of the site, with the Roman road reflected by the modern B2500. A small number of Roman findspots have been made in the Stone Hospital area and at Carrington Road, however it is probable that land occupied by the site would have been located within an agricultural part of the landscape.

5.3.2 A possible Saxon child burial was recorded in the Dartford Tunnel Approach Road area in 1937, whilst a possible Saxon brooch has previously been recorded at No.136 Watling Street.

5.3.3 During the medieval and post-medieval periods, the site was located within an agricultural part of the landscape, remaining so until the sites development as an Adult Education Centre during the latter part of the 20th century.

5.3.4 An evaluation conducted to the south of the site along The Brent found a small amount of evidence relating to 16th-18th century activity, with the other remains present on site dating to the 19th and 20th centuries (Barrowman 2011).

6 ARCHAEOLOGICAL METHODOLOGY

6.1 An archaeological excavation (Fig. 2) was carried out following the identification of potentially important archaeological deposits during an archaeological evaluation of the site (Seddon 2014). The archaeological evaluation was undertaken in October 2014, with the archaeological excavation carried out between 22nd October and 24th November 2014. The archaeological work was conducted in accordance with procedures outlined within a site-specific Written Scheme of Investigation (Hawkins, H. 2014).

6.2 The excavation area was mechanically reduced with a 360º tracked mechanical excavator until the top of archaeological deposits was revealed. During the evaluation it was noted that the features were easiest to identify when freshly machined and as a consequence the outlines of the features were sprayed with line marker to render them longer term more easily identifiable.

6.3 A site grid was established across the excavation area, subsequent to machining and initial cleaning. An initial pre-excavation plan was then surveyed using a hand-held Global Positioning System (GPS).

6.4 The exposed archaeological horizon was then cleaned, excavated and recorded by hand. For the most part, this involved the excavation of pits and the half sectioning of discrete features.

6.5 Archaeological features were recorded on single context plans at a scale of 1:20 using diametrically stable drafting film, with sections drawn at a scale of 1:10. Context numbers were allocated numerically and group numbers were assigned for features into which more than one intervention was excavated.

6.6 With regards a flint scatter uncovered, all of the flints were planned three dimensionally, given separate small finds numbers and removed for subsequent assessment and analysis. The lower parts of the layer were investigated through the excavation of a 2m² sondage, excavated in quadrants. The quadrants were excavated in 0.05m spits, with individual context numbers assigned to each episode of excavation. Sections were then drawn and a column sample was taken.

6.7 Black and white film, colour transparency and digital photographs were also taken of groups and individual archaeological features.

7 ARCHAEOLOGICAL SEQUENCE

7.1 Introduction

7.1.1 The following description of the site stratigraphy details the main characteristics of each context and its position within the phased stratigraphic matrix. Ordnance Datum levels, physical dimensions and soil descriptions are referenced when relevant to an understanding of the archaeological sequence and, when not cited, are detailed in Appendix 1.

7.1.2 Contexts discussed within the specialist reports are annotated '*' and the results of the specialist assessments are referenced within the archaeological sequence. The full specialist assessments are included as Appendices 2, 3, 4 and 5.

7.2 Phase 1: Natural

7.2.1 The earliest deposit encountered on the site was a chalk bedrock [39], of the Seaford and Newhaven formation. The chalk was encountered at 30.05m OD in the northeast of the site, 29.04m OD in the west and 29.45m OD in the south.

7.2.2 The chalk bedrock was overlain by naturally deposited gravels [38], which were identified as Thanet Beds (Appendix 5). The gravel was encountered at between 29.45m OD and 28.74m OD in the north of the site and between 31.79m OD and 29.79m OD in the south.

7.2.3 The earlier natural horizon in the central part of the site was overlain by a firmly compacted, mid reddish brown, brickearth layer ([36], [50], [76] and [85]). The brickearth was present at an upper level of 28.10m OD, falling to 27.06m OD. The topography suggest the presence of a natural linear depression.

7.2.4 The naturally deposited brickearth was truncated by an irregularly shaped linear feature [49], which was orientated north-south and measured in excess of 0.64m in width. This irregularly shaped linear feature contained a soft, light brownish yellow gravelly sand fill [48], within which a number of unworked flint nodules were present. The irregularly shaped linear feature is thought to represent a naturally formed palaeochannel.

7.3 Phase 2a: Mesolithic-Bronze Age (Figs. 3 & 6)

7.3.1 Firmly compacted, light yellowish brown, silty sand ([2], *[40], *[42], [43], [47], [83] and [84)], overlay the natural brickearth and represented a colluvial layer which formed within the lower parts of the valley (see above). The colluvium measured 0.40m in thickness and contained sizable quantities of burnt and struck flints. The burnt stone fragments and the intensity to which they had been heated suggests settlement or

domestic-type activities within the general area, whilst the condition of the flints (not weathered or worn) indicates that they were recovered close to where they had been originally discarded' (Appendix 2). A single sherd of Late Bronze Age pottery was retrieved from the layer (Appendix 3). Four sherds of pottery dated to the Middle Iron Age or Late Iron Age/Romano-British were also attributed to the Phase 2a colluvium, however it seems likely that this material is intrusive, perhaps being derived from later colluvial deposition.

7.3.2 The colluvium was investigated by means of a 2m² sondage excavated in quadrants. The quadrants were excavated in 0.05m spits, each of which was assigned an individual context number (Plate1). The relevant context numbers are listed below:

- N/W Quadrant - [119], [121], [123], [141], [142], [143], [146], [147], [153];
- S/E Quadrant - [120], [122], [140], [144], [150], [151], [152];
- N/E Quadrant - [158], [159], [160], [161], [162], [168], [169], [170];
- S/W Quadrant - [171], [172], [173], [174], [175], [176], [177], [178], [179]

7.3.3 Whilst the bulk of the collected lithic assemblage was fairly homogeneous, a small component indicated that flintworking had occurred at the site during the Mesolithic period. Three basic technological strategies were evident within the assemblage, with the earlier two strategies, i.e. Mesolithic/Early Neolithic and Later Neolithic/Early Bronze Age, relating to Phase 2a deposition (Appendix 2).

7.4 Phase 2b: Middle Bronze Age-Iron Age (Fig. 4; Plate 2)

7.4.1 The colluvium was truncated by a group of intercut, sub-circular pits (Pit Group 1 - (*[125], [127], *[129], *[131], [133], [137] and *[139]). These exhibited steep sides, flat bases and contained very firm, mid greyish brown, silty sand fills (*[124], *[126], *[128], *[130], *[132], *[136] and *[138] respectively). Burnt and struck flints were retrieved from the pits and a broken flint axe head (SF437) was also recovered. The struck flints were in a 'predominantly sharp condition' and are considered likely to have entered the pits soon after manufacture (Appendix 2). The struck flint dated to the Middle Bronze Age / Iron Age, whilst some residual Mesolithic-EBA struck flint was also present.

7.4.2 Six isolated pits [22], *[87], [89], [157], [163] and [167] were located to the south and represent associated activity. These features contained soft, clayey silt fills (*[21], *[86], *[88], *[156], [164]/*[165] and [166] respectively) from which struck flint dated to the Middle Bronze Age / Iron Age (Appendix 2) and a sherd of Late Bronze Age pottery was retrieved (Appendix 3).

7.4.3 An further pit [180] was located to the north-east from which struck flint dated to the Middle Bronze Age-Iron Age (Appendix 2) was recovered from the fill *[100]. Three postholes [95], [97] and [99], containing fills [94], [96] and [98] respectively, were located around the perimeter of the pit and it is possible that these denote a Phase 2b post-built structure in this location.

7.4.4 Numerous postholes [8], [10], [16], [18], [20], [28], [34], [51], [55], [57], [59], [61], [63], [65], [67], [69], [74], [78], [80], [82], [91] and [93], containing fills [7], [9], [15], [17], [19], [27], [33], [52], [56], [58], [60], *[62], *[64], [66], [68], [70], [73], [77], [79], [81], [90] and [92] respectively, were present further to the south. Two sherds of Late Bronze Age pottery came from two of the postholes (Appendix 3). They collectively were arranged on a northwest-southeast orientation, with possible northeast-southwest orientated intersections and may represent fence-lines and / or animal enclosures.

7.5 Phase 2c: Middle Iron Age – Late Iron Age/Romano British (Fig. 4; Plate 2)

7.5.1 A north-south orientated, linear arrangement of sub-circular pits truncated the earlier colluvium (Pit Group 2 - [14], [103], [105], [107], [109], [111], [113] and [115]). These pits had concave sides, flat bases, and contained soft, dark reddish brown, clayey silt fills (*[13], *[104], *[106], *[108], [110], [112], [114] and [116] respectively). A small amount of burnt and struck flint was found within the pits, at least some of which may be residual (Appendix 2), and suggesting a later prehistoric date for these.

7.5.2 Three small pits ([12], [24] and [26]) truncated the possible late prehistoric pit group. These features contained firm, mid greyish brown silty sand fills *[11], *[23] and *[25] respectively, from which pottery dated to the Middle Iron Age / Late Iron Age / Romano British period was collected, suggesting a degree of residuality in these contexts? (Appendix 3).

7.6 Phase 3a: Saxon (Fig. 5)

7.6.1 A sub-round pit [117] measuring in excess of 2.40m in width, 0.45m in depth and containing a soft, dark reddish brown, sandy silt fill *[118] represented Phase 3a activity on the site. A single sherd of Saxon pottery came from its fill (Appendix 3).

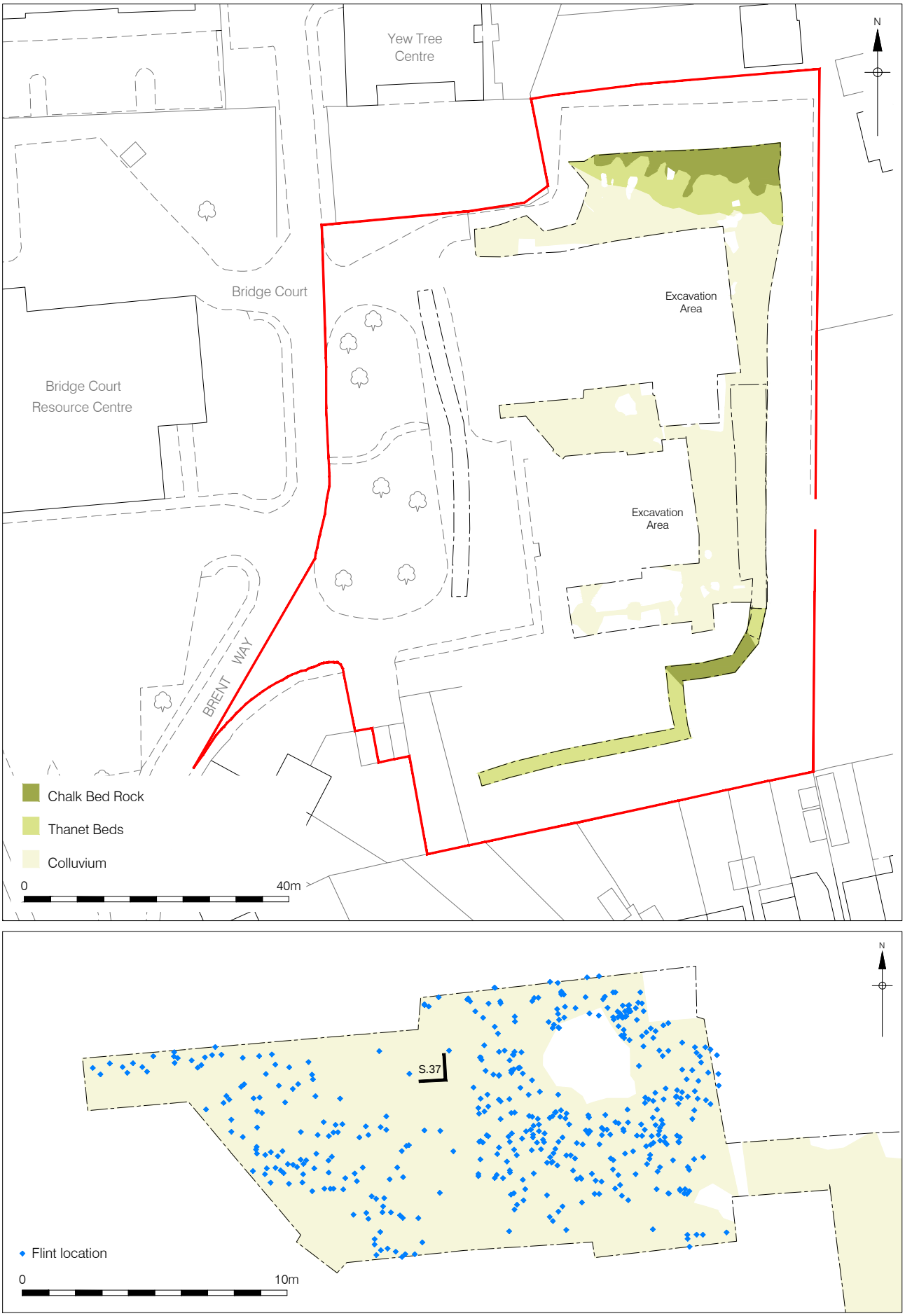
7.7 Phase 3b: Post-Saxon (Fig. 6)

7.7.1 A number of isolated pits [4], [6], [30], [32], [53], [72], [102], [135], [148] and [154] containing fills [3], [5], [29], [31], [54], [71], [101], [134], [149] and [155] respectively, were present. No artefactual evidence derived from these and their dating at present is based on stratigraphic relationship only and is tentatively post-Saxon, but in the absence of firm dating continues to be uncertain.

7.7.2 The remaining deposits comprised a *c.*0.53m thick firm, mid brown, silty sand layer ([1], [35] and [37]), a layer comprising later colluvial deposition. The upper colluvium was overlain by topsoil and rubble layers associated with the construction and use of the Adult education Centre formerly present at the site during the late 20th and early 21st centuries.

Plate 1

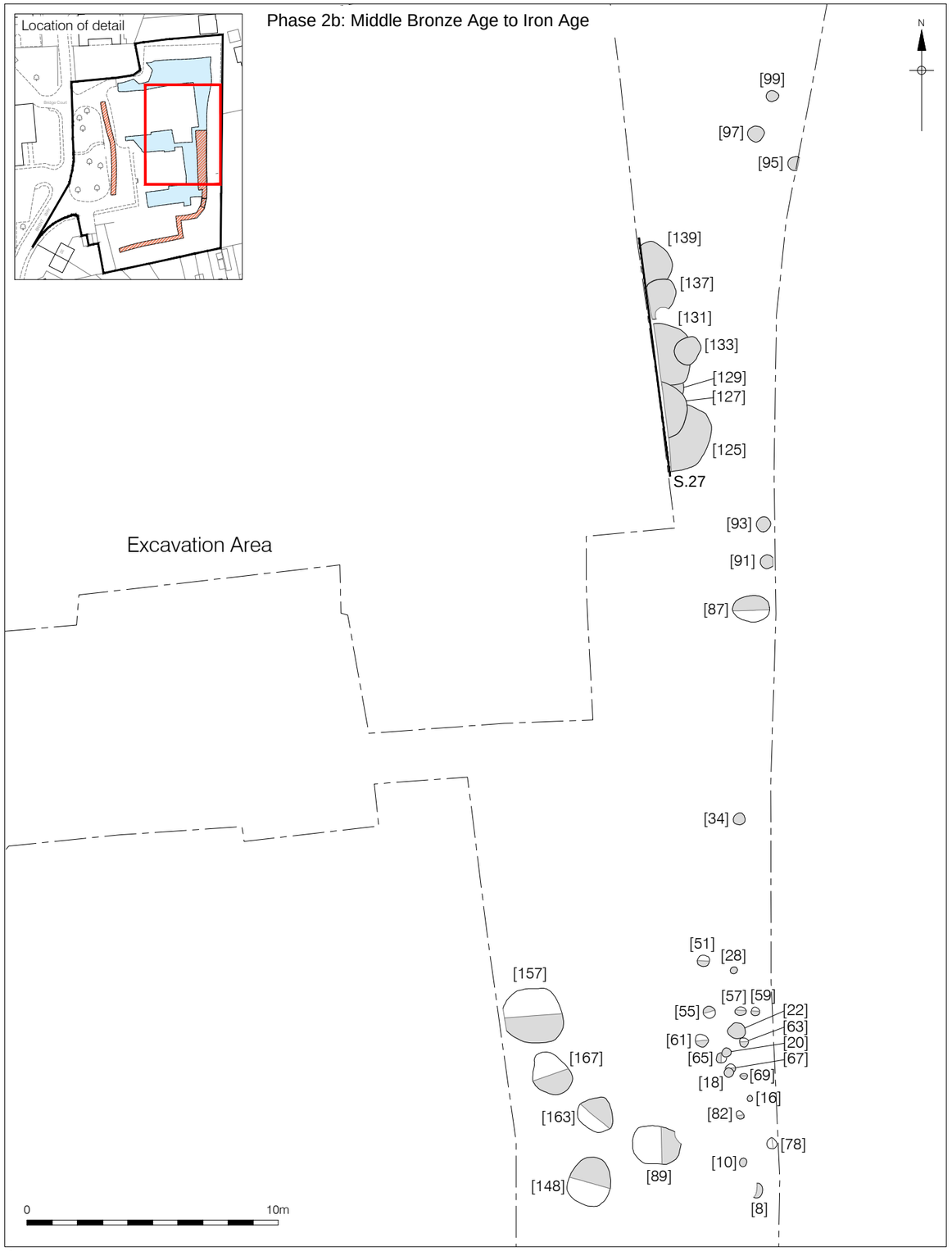
Plate 2



03/11/15 MR

Figure 3
Phase 2a - Mesolithic to Bronze Age showing geology and flint scatter
1:800 and 1:200 at A4

Phase 2b: Middle Bronze Age to Iron Age



Phase 2c: Middle Iron Age to Late Iron Age/Romano-British

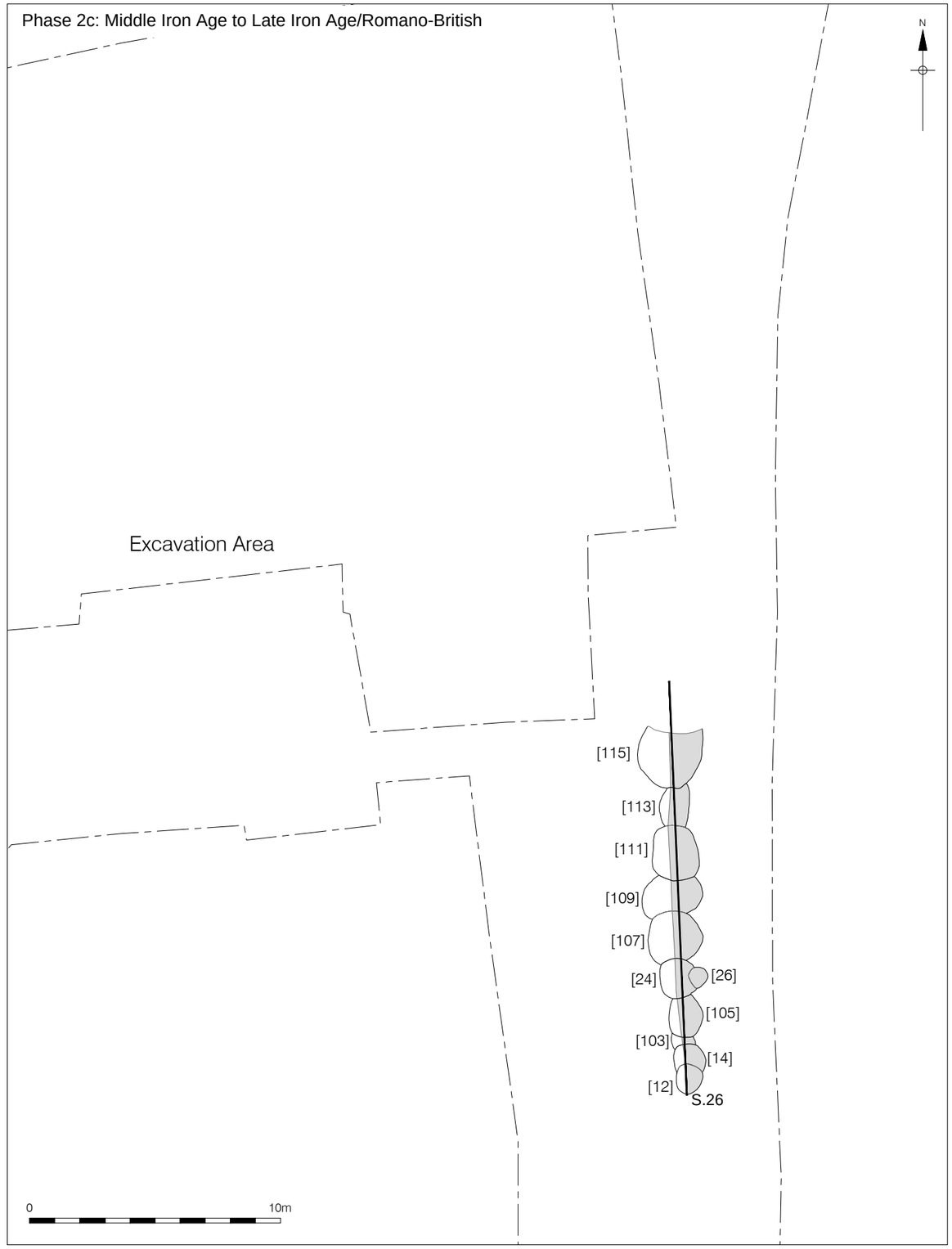


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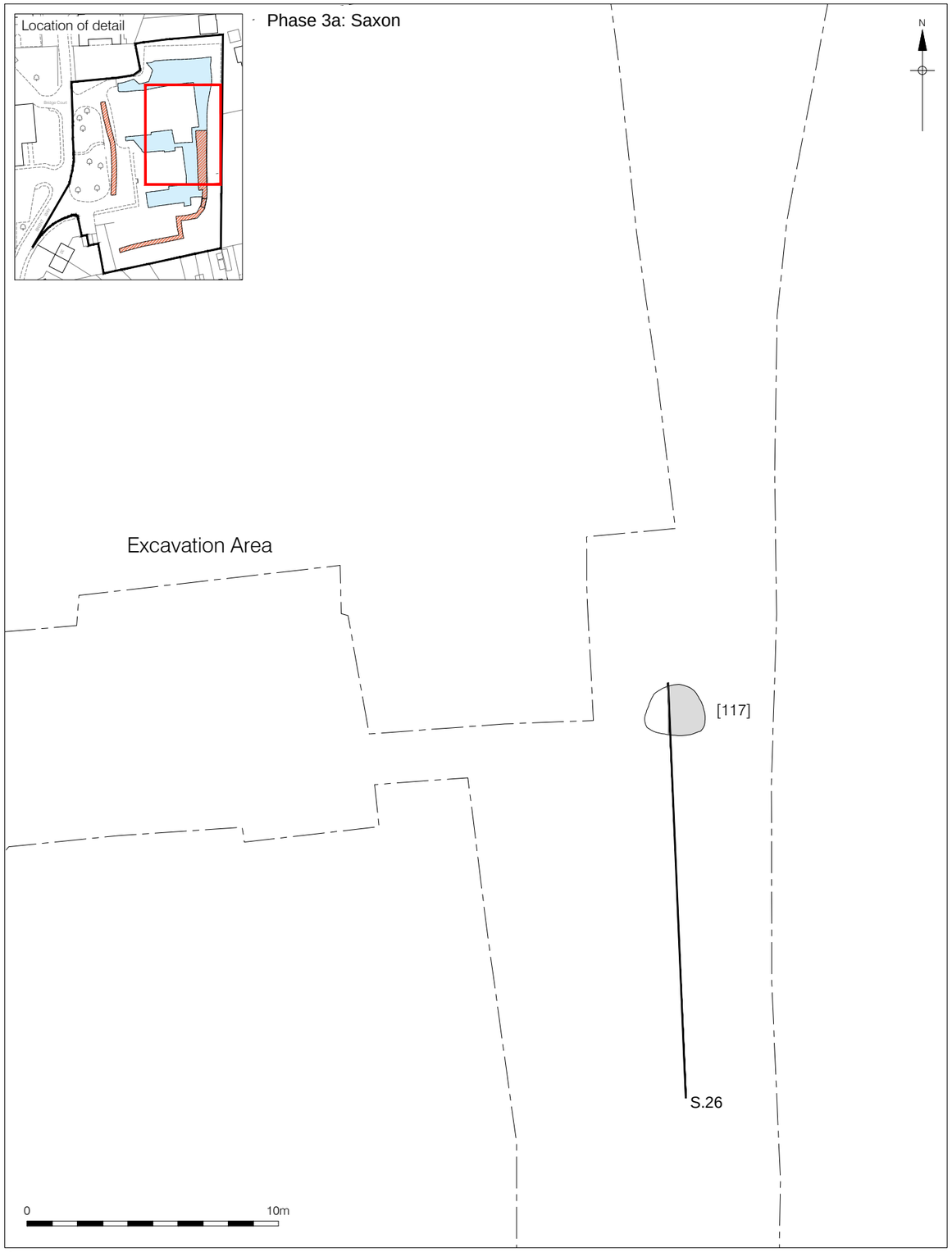
Figure 4
Phases 2b and 2c
Plans: 1:400, Inset: 1:2,500 at A3



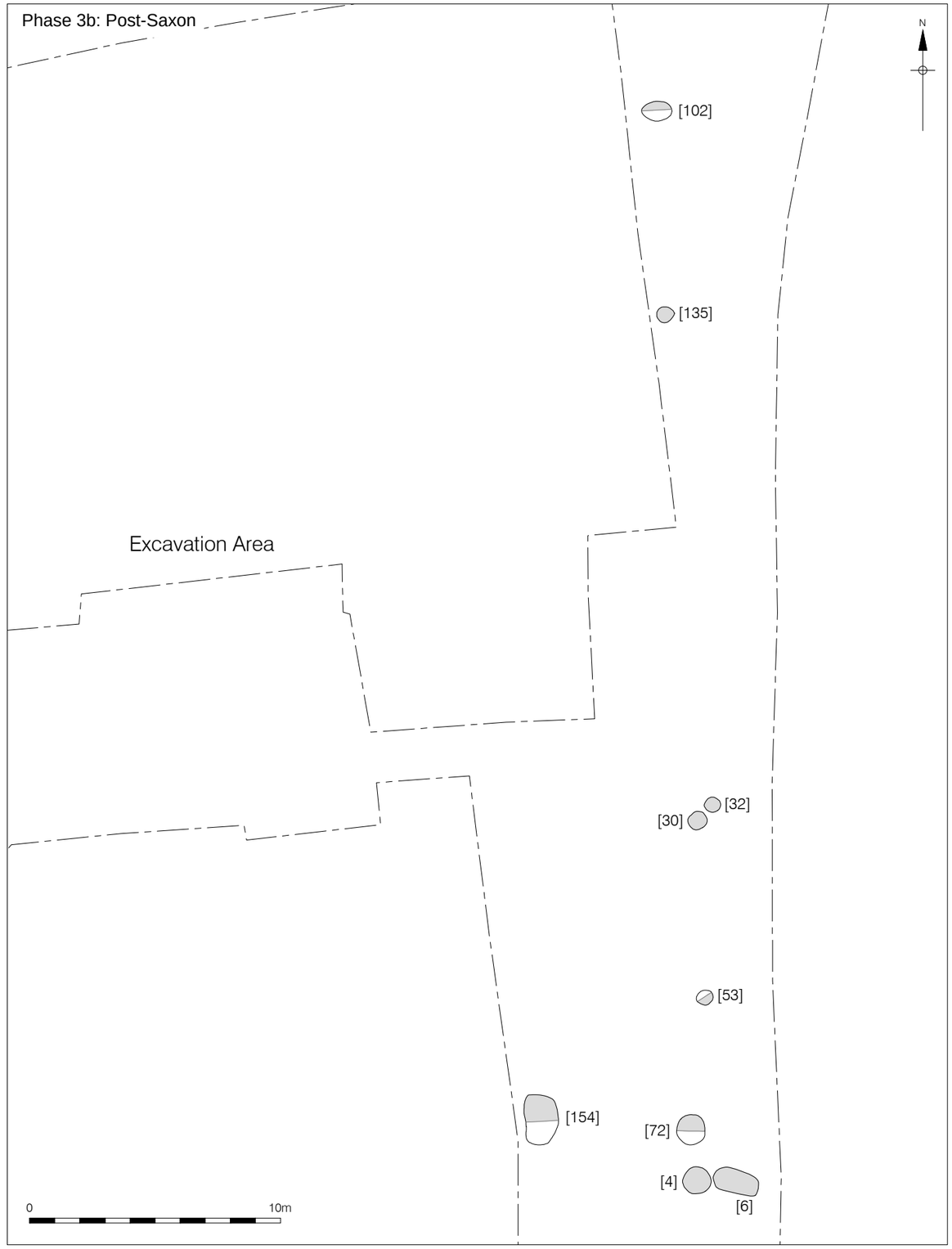


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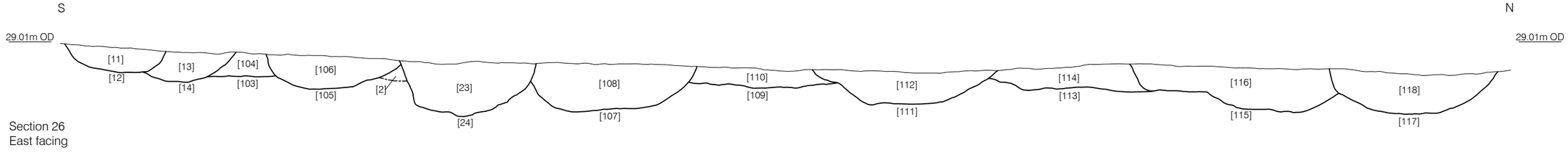
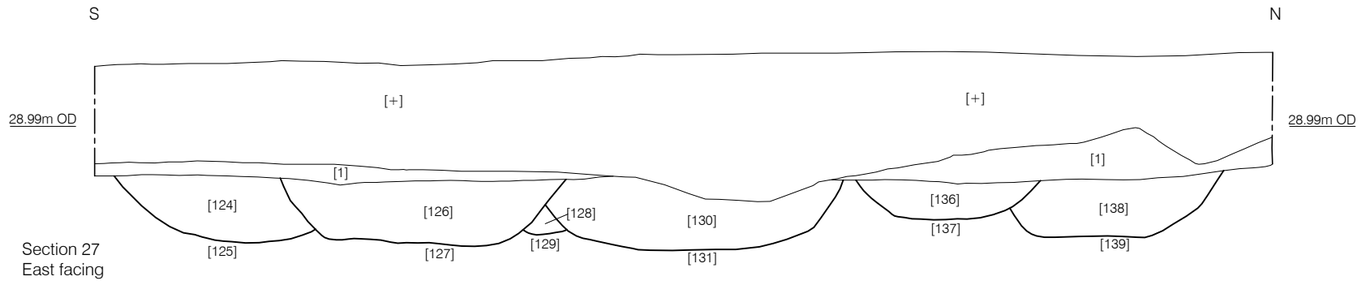
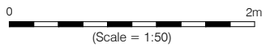
Figure 5
Phases 3a and 3b
Plans: 1:400, Inset: 1:2,500 at A3

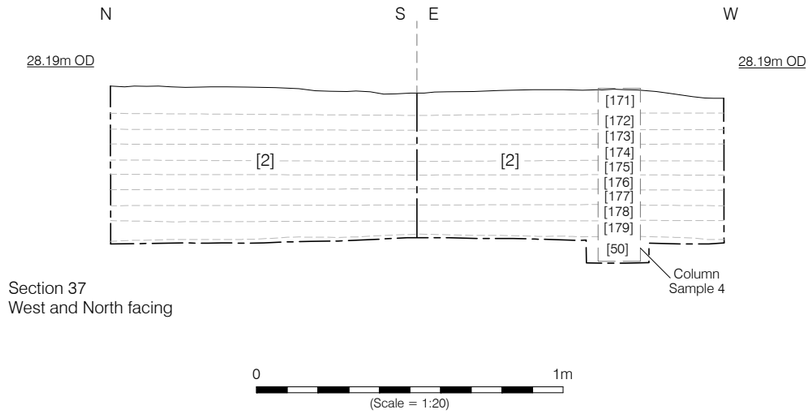


Section 26
East facing



Section 27
East facing





Section 37
West and North facing

04/11/15 CF

Figure 6
Sections 26, 27 and 37
1:50 and 1:20 at A3

8 RESEARCH OBJECTIVES

8.1 ORIGINAL RESEARCH OBJECTIVES

8.1.1 A Written Scheme of Investigation (Hawkins, H. 2014) was prepared in advance of the archaeological work and highlighted specific research objectives to be addressed by the evaluation. These comprised:

- *To determine the natural topography and geology of the site, and the height at which it survives*

  The earliest deposit encountered was a chalk bedrock of the Seaford and Newhaven formation. The chalk was encountered at 30.05m OD in the northeast of the site, 29.04m OD in the west and 29.45m OD in the south. This chalk bedrock was overlain by naturally deposited gravels identified as Thanet Beds. These were encountered between 29.45m OD and 28.74m OD on the north side of the site, between 31.79m OD and 29.79m OD in the south. The earlier natural horizon in the central part of the site was overlain by a firmly compacted, mid reddish brown, brickearth layer which was present at a maximum level of 28.10m OD, falling to 27.06m OD. The relatively low levels of the stratigraphically later deposit suggest a linear depression existed in the natural topography.

- *To establish the nature and extent of the prehistoric activity on the site*

  A large assemblage of prehistoric struck flint was collected during the excavations and indicates activity at the site over a long period of time. Flint-using her commenced during the Mesolithic, continuing into the Early Bronze Age (Phase 2a). The assemblage most likely reflects 'transient groups occasionally visiting the site as part of wider movements through the landscape' (Appendix 2).

  The bulk of the assemblage dates to the later prehistoric periods, specifically the Late Bronze Age (Phase 2b) and Iron Age (Phase 2c). The struck flint was concentrated within colluvial deposits, with a small number of cut features producing 'relatively large assemblages of struck flint deliberately (?) deposited in the features shortly after manufacture' (Appendix 2). The lithic assemblages suggest that perhaps settlement and agricultural activity occurred nearby during the later prehistoric periods.

- *To establish the presence or absence of Roman or later activity*

  A number of pits containing small quantities of Middle Iron Age-Late Iron Age/Romano-British pottery and residual struck flint were present (Phase 2c).

The pits have broadly been attributed to the Late Iron Age-Romano-British period, a date range which could potentially suggest some Roman activity on site. It should however be noted that the absence of activity confidently dated to the Roman period suggests that any use of the site at this time would have been occasional. A single pit dated to the Saxon period (Phase 3a) was encountered and suggests some occasional use of the site at this time, whilst the remaining archaeological activity comprised a number of undated pits and a later colluvial deposit (Phase 3b). The evidence as a whole implies that the site was situated within an area occasionally used from the end of the prehistoric period, through to modern times.

- *To establish the extent of all past post-depositional impacts on the archaeological resource.*

  The archaeological evaluation demonstrated that the north and south of the site had been impacted by 20th century terracing, with the consequence that significant archaeological deposits did not survive in these parts of the site. a lack of modern terracing across the central part of the site meant archaeological deposits survived here in situ. The archaeological investigations demonstrated that the central part of the site was situated overlooking a natural linear depression in the topography and the lower levels of the natural horizon also contributed to the survival of archaeological deposits in this here. The presence of colluvial deposits indicates that some movement of the archaeological deposits had occurred within the confines of the site, however finds analysis suggests that the material had not moved far from where it was discarded.

8.2 NEW RESEARCH OBJECTIVES

8.2.1 The excavations have raised a number of additional research objectives and questions. These are:

- *How can the prehistoric activity be understood in relation to prehistoric activity recorded elsewhere in the vicinity?*
- *Does the pattern of prehistoric activity conform to that seen on nearby sites?*
- *How can the nature of prehistoric landuse and deposition be better understood?*
- *Do the lithics deposited in cut features reflect a pattern of structured deposition.*

- *Is there any supporting evidence of an associated Late Bronze Age settlement?*

- *The lithics assemblage deserves further analysis in the light of the P5 Framework objectives listed on page 25 of (Nixon et al 2002 A research Framework for London Archaeology) ' Understanding the place of lithics in the region at this time (MBA to MIA)?*

- *Some local adhoc production of struck flint is indicated can the use of this material be further elaborated.*

9 CONTENTS OF THE ARCHIVE

9.1 Paper Records

- Contexts 179 sheets
- Plans & Sections c.150 sheets
- Environmental Sheets 4 sheets

9.2 Finds

- Pottery 1 box
- Lithics 13 boxes
- Slate Small Find 1 Item

9.3 Photographic Record

- Digital 17 frames
- Colour slide & B&W film 2

10 IMPORTANCE OF RESULTS, FURTHER WORK AND PUBLICATION OUTLINE

10.1 IMPORTANCE OF THE RESULTS

10.1.1 The earliest deposit encountered on site was a Seaford and Newhaven formation chalk bedrock, overlain by Thanet Beds. A brickearth layer overlay these earlier natural horizons in the middle of the site and variations in the surface level of the natural geology suggest a linear depression perhaps comprising a dry valley existed here. The geological and topographic characteristics uncovered constitute an important contribution to understanding these aspects of the site.

10.1.2 A large assemblage of prehistoric struck flint was collected during the archaeological investigations which are indicative of long term prehistoric activity at the site. Early land-use commenced during the Mesolithic and continued into the Early Bronze Age, and most likely reflects transient hunter-gatherer groups occasionally visiting the site. The later prehistoric periods, specifically the Late Bronze Age and Iron Age, form the main phase of occupation identified and the nature of the lithic assemblages suggests that later prehistoric settlement and agricultural activity occurred nearby. The extended period of human interaction with the site provides an important contribution to our understanding of the use of the area from the Mesolithic period through to the later prehistoric periods.

10.1.3 A number of pits broadly attributed to the Late Iron Age-Romano-British period, a single pit dated to the Saxon period, a number of undated pits and a later colluvial deposits represented the later sequence of events identified. This suggests that the site continued to be periodically used from the end of the prehistoric period, through to the modern era. The repeatedly interrupted nature of the activity identified suggests the area was relatively marginal or alternatively perhaps characterised by the presence of seasonally or recurringly exploitable resources.

10.2 FURTHER WORK

10.2.1 General - Further work will focus on refining Phases 2a, 2b, 2c, 3a and 3b, with any phase refinements incorporated into the appropriate specialist databases. Full integration of the specialist data and stratigraphic record will be undertaken and understanding the archaeological sequence within the local context will be completed.

10.2.2 Lithics - Given the small size and lack of contextual associations of the Mesolithic to early Bronze Age assemblages, their interpretational value is limited. Nevertheless, they remain of some interest in that they demonstrate a long-lived human interaction with the site and can also contribute to the growing body of evidence for the wider use of the landscape in this area during those periods.

The later prehistoric material is of greater significance in that it consists of what is, for the period, a relatively large assemblage that has added interpretational value in that it can be associated with evidence for contemporary settlement. It therefore has ability to inform on the poorly understood aspects of later prehistoric lithic typology and technology, depositional practices and the role, utility and organization of lithic use within settlement contexts and the wider landscape. The importance of further research on relevant lithics assemblages for this period has been flagged up in: 'A research framework for London Archaeology 2002' (Nixon et al 2002).

All of assemblage has been catalogued in detail but it is recommended that a record and analysis of its main technological and metrical attributes should be made. Further work should also include a consideration of the assemblage's spatial distribution and contextual associations, both stratigraphic and with regard to other finds categories. Following completion of this work, it is recommended that the findings are written up and, alongside illustrations of the most relevant pieces, presented in a published account of the fieldwork (Appendix 2).

10.2.3 Pottery - No further work to the pottery assemblage is recommended (Appendix 3).

10.2.4 Environmental - No further work to the environmental assemblage is recommended (Appendix 4).

10.2.5 Geoarchaeological - No further consideration of the geoarchaeological data is recommended (Appendix 5).

10.3 Publication Outline

10.3.1 The results of the archaeological excavations will be published in an appropriate journal. The publication of the investigations will focus on the site during the prehistoric periods, with an emphasis placed on understanding its functioning within the wider archaeological landscape of the area. Consideration of the nature of land use during the Saxon and post-Saxon periods will also be made.

10.3.2 A proposed outline of the publication is detailed below:

<u>Archaeological Investigations at Tylers, Dartford</u>

- Introduction to the Project
- Archaeological Background
- Archaeological Sequence
    - Phase 2a - Mesolithic-Bronze Age
    - Phase 2b - Middle Bronze Age-Iron Age & associated lithics assemblage.
    - Phase 2c - Middle Iron Age-Late Iron Age/Romano British& associated lithics assemblage.

        - Phase 3a - Saxon
        - Phase 3b - Post-Saxon
    - Discussion
    - Acknowledgements
    - Bibliography

10.3.3 The text will be illustrated by AutoCAD plans, maps, finds illustrations and photographs where appropriate.

11 ACKNOWLEDGEMENTS

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12 BIBLIOGRAPHY

Barrowman, S. 2011. An Archaeological Evaluation at 18-20 The Brent, Dartford, Kent Pre-Construct Archaeology Limited, May 2011. Pre-Construct Archaeology: Unpublished Report

Fallon, D. 2008. An Archaeological Evaluation at 14 & 16 The Brent, Dartford, Kent DA1 1YE. Archeology South East: Unpublished Report

Hawkins, D. 2014. Archaeological Desk Based Assessment - Land at Tylers Brent Way Dartford Kent DA2 6DH. CgMS: Unpublished Report

Hawkins, H. 2014. Land at Tylers, Brent Way, Dartford, Kent DA2 6DH - Written Scheme of Investigation for an Archaeological Strip, Map and Sample. Pre-Construct Archaeology: Unpublished Report

Nixon, T. et al 2002 *A research framework for London Archaeology*, Museum of London English Heritage

McAlley, R. & Carey, C. 2010. Stone House Hospital, Dartford: Archeological Watching Brief. Oxford Archaeology: Unpublished Report

Seddon, G. 2014. An Archaeological Evaluation on land at Tylers, Brent Way, Dartford, Kent DA2 6DH. Pre-Construct Archaeology: Unpublished Report

Appendix 1 – Context Register

Site Code	Context	Trench/Grid Square	Plan	Section	Type	Description	Details	NS	EW	Depth	High	Date	Pre-Assessment Phase	Assessment Phase
KTBW14	1	TR1	-	1	Layer	Colluvium	Firm, mid brown, silt sand	-	-	0.53	32.27	Post-Saxon	3	3b
KTBW14	2	TR1	Tr1	1	Layer	Colluvium	Firm, light yellow brown, silt sand	-	-	-	29.16	Mesolithic-Bronze Age	2	2a
KTBW14	3	TR1	-	-	Fill	Fill of pit [4]	Firm, mid grey brown, silt sand	0.55	-	0.18	29.06	Post-Saxon	2	3b
KTBW14	4	TR1	Tr1	-	Cut	Pit	Round, steep sides, flat base	0.55	-	0.18	29.06	Post-Saxon	2	3b
KTBW14	5	TR1	Tr1	-	Fill	Fill of pit [6]	Firm, mid grey brown, silt sand	0.88	1.84	0.18	29	Post-Saxon	2	3b
KTBW14	6	TR1	Tr1	-	Cut	Pit	Sub-round, steep sides, flat base	0.88	1.84	0.18	29	Post-Saxon	2	3b
KTBW14	7	TR1	Tr1	-	Fill	Fill of posthole [8]	firm, mid grey brown, silt sand	0.3	0.58	0.1	29.01	Bronze Age	2	2b
KTBW14	8	TR1	Tr1	-	Cut	Posthole	Sub-round, steep sides, flat base	0.3	0.58	0.1	29.01	Bronze Age	2	2b
KTBW14	9	TR1	-	-	Fill	Fill of posthole [10]	Firm, mid grey brown, silt sand	0.36	0.3	0.2	29.01	Bronze Age	2	2b
KTBW14	10	TR1	Tr1	-	Cut	Posthole	Sub-round, steep sides, flat base	0.36	0.3	0.2	29.01	Bronze Age	2	2b
KTBW14	11	TR1	Tr1	-	Fill	Fill of pit [12]	Firm, mid grey brown, silt sand	0.88	1.22	0.24	28.91	MIA-LIA/Roman	2	2c
KTBW14	12	TR1	Tr1	-	Cut	Pit	Sub-round, steep sides, flat base	0.88	1.22	0.24	28.91	MIA-LIA/Roman	2	2c
KTBW14	13	TR1	Tr1	-	Fill	Fill of pit [14]	Loose, mid grey brown, silt sand	1.12	1.44	0.26	28.91	MIA-LIA/Roman	2	2c
KTBW14	14	TR1	Tr1	-	Cut	Pit	Sub-round, concave sides, flat base	1.12	1.44	0.26	28.91	MIA-LIA/Roman	2	2c
KTBW14	15	TR1	Tr1	-	Fill	Fill of posthole [16]	Firm, mid grey brown, silt sand	0.26	0.22	0.18	28.25	Bronze Age	2	2b
KTBW14	16	TR1	Tr1	-	Cut	Posthole	Round, steep sides, flat base	0.26	0.22	0.18	28.25	Bronze Age	2	2b

KTBW14	17	TR1	Tr1	-	Fill	Fill of posthole [18]	Firm, mid grey brown, silt sand	0.38	0.38	0.39	28.79	Bronze Age	2	2b
KTBW14	18	TR1	Tr1	-	Cut	Posthole	Round, steep sides, flat base	0.38	0.38	0.39	28.79	Bronze Age	2	2b
KTBW14	19	TR1	Tr1	-	Fill	Fill of posthole [20]	Firm, mid grey brown, silt sand	0.38	0.38	0.44	28.79	Bronze Age	2	2b
KTBW14	20	TR1	Tr1	-	Cut	Posthole	Round, steep sides, flat base	0.38	0.38	0.44	28.79	Bronze Age	2	2b
KTBW14	21	TR1	Tr1	-	Fill	Fill of pit [22]	Firm, mid grey brown, silt sand	0.64	0.72	0.34	28.68	Bronze Age	2	2b
KTBW14	22	TR1	Tr1	-	Cut	Pit	Round, concave sides, flat base	0.64	0.72	0.34	28.68	Bronze Age	2	2b
KTBW14	23	TR1	Tr1	-	Fill	Fill of pit [24]	Firm, mid grey brown, silt sand	1.1	1.62	0.5	28.75	MIA-LIA/Roman	2	2c
KTBW14	24	TR1	Tr1	-	Cut	Pit	Sub-round, steep sides, flat base	1.1	1.62	0.5	28.75	MIA-LIA/Roman	2	2c
KTBW14	25	TR1	Tr1	-	Fill	Fill of pit [26]	Firm, mid grey brown, silt sand	0.8	0.76	0.33	28.75	MIA-LIA/Roman	2	2c
KTBW14	26	TR1	Tr1	-	Cut	Pit	Sub-round, concave sides, flat base	0.8	0.76	0.33	28.75	MIA-LIA/Roman	2	2c
KTBW14	27	TR1	Tr1	-	Fill	Fill of posthole [28]	Firm, mid grey brown, silt sand	0.25	0.3	0.34	28.67	Bronze Age	2	2b
KTBW14	28	TR1	Tr1	-	Cut	Posthole	Round, steep sides, flat base	0.25	0.3	0.34	28.67	Bronze Age	2	2b
KTBW14	29	TR1	Tr1	-	Fill	Fill of pit [30]	Firm, mid grey brown, silt sand	0.75	0.79	0.29	28.62	Post-Saxon	2	3b
KTBW14	30	TR1	Tr1	-	Cut	Pit	Round, steep sides, flat base	0.75	0.79	0.29	28.62	Post-Saxon	2	3b
KTBW14	31	TR1	Tr1	-	Fill	Fill of pit [32]	Firm, mid grey brown, silt sand	0.6	0.66	0.15	28.66	Post-Saxon	2	3b
KTBW14	32	TR1	Tr1	-	Cut	Pit	Round, steep sides, flat base	0.6	0.66	0.15	28.66	Post-Saxon	2	3b
KTBW14	33	TR1	Tr1	-	Fill	Fill of posthole [34]	Firm, mid grey brown, silt sand	0.5	0.46	0.28	28.64	Bronze Age	2	2b
KTBW14	34	TR1	Tr1	-	Cut	Posthole	Round, steep sides, flat base	0.5	0.46	0.28	28.64	Bronze Age	2	2b
KTBW14	35	TR2	-	3	Layer	Colluvium = [1]	Firm, mid brown, silt sand	-	-	0.59	28.15	Post-Saxon	3	3b
KTBW14	36	TR2	-	3	Layer	Natural brickearth	Firm, mid red brown, sand silt	-	-	0.2	27.56	Natural	1	1

KTBW14	37	TR3	-	2	Layer	Colluvium = [1]	Firm, mid brown, silt sand	-	-	0.47	32.23	Post-Saxon	3	3b
KTBW14	38	TR3	Tr3	2	Layer	Natural brickearth	Firm, red brown, silt sand clay	-	-	0.1	31.83	Natural	1	1
KTBW14	39	TR1/3	Tr3		Layer	Chalk Bedrock	Firm, white, chalk	-	-	-	30.2	Natural	1	1
KTBW14	40	100/240; 105/240	40	18	Layer	Colluvium = [2]	Soft, mid brown, sand clay	1.24	2.4	0.8	28.07	Mesolithic-Bronze Age	2	2a
KTBW14	41	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void
KTBW14	42	110/235; 115/235	42	4	Layer	Colluvium = [2]	Firm, mid brown grey, sand clay	-	-	0.4	28.13	Mesolithic-Bronze Age	2	2a
KTBW14	43	115/235; 120/235	43	7	Layer	Colluvium = [2]	Firm, mid brown grey, sand clay	-	-	0.38	28.27	Mesolithic-Bronze Age	2	2a
KTBW14	44	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void
KTBW14	45	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void
KTBW14	46	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void
KTBW14	47	110/245	-	5	Layer	Colluvium = [2]	Firm, mid brown grey, sand clay	-	-	0.38	28.08	Mesolithic-Bronze Age	2	2a
KTBW14	48	110/245	49	5	Fill	Fill of natural feature [49]	Soft, light brown yellow, gravel sand	1.1	0.64	-	27.47	Natural	1	1
KTBW14	49	110/245	49	5	Cut	Natural Feature	Irregular shape, sides and base	1.1	0.64	-	27.47	Natural	1	1
KTBW14	50	110/245	50	5	Layer	Natural brickearth	Firm, mid brown red silt clay	-	-	-	27.06	Natural	1	1
KTBW14	51	135/230	51	8	Cut	Posthole	Sub circular, steep sides, flat base	0.52	0.47	0.27	28.74	Bronze Age	2	2b
KTBW14	52	135/230	51	8	Fill	Fill of posthole [51]	Soft, mid red brown, silt clay	0.52	0.47	0.27	28.74	Bronze Age	2	2b
KTBW14	53	135/225; 135/230	53	15	Cut	Pit	Sub-round, gradual sides, undulating base	0.66	0.56	0.22	28.76	Post-Saxon	2	3b
KTBW14	54	135/225; 135/230	53	15	Fill	Fill of pit [53]	Soft, mid red brown, silt clay	0.66	0.56	0.22	28.76	Post-Saxon	2	3b
KTBW14	55	135/225	55	16	Cut	Posthole	Round, steep sides, concave base	0.49	0.49	0.25	28.78	Bronze Age	2	2b
KTBW14	56	135/225	55	16	Fill	Fill of posthole	Soft, mid red brown, silt clay	0.49	0.49	0.25	28.78	Bronze Age	2	2b

						[55]								
KTBW14	57	135/225	57	9	Cut	Posthole	Sub-round, concave sides, concave base	0.42	0.37	0.17	28.71	Bronze Age	2	2b
KTBW14	58	135/225	57	9	Fill	Fill of posthole [57]	Soft, mid red brown, silt clay	0.42	0.37	0.17	28.71	Bronze Age	2	2b
KTBW14	59	135/225	59	9	Cut	Posthole	Sub-round, concave sides, concave base	0.36	0.33	0.19	28.71	Bronze Age	2	2b
KTBW14	60	135/225	59	9	Fill	Fill of posthole [59]	Soft, mid red brown, silt clay	0.36	0.33	0.19	28.71	Bronze Age	2	2b
KTBW14	61	135/225	61	14	Cut	Posthole	Sub-round, steep sides, concave base	0.56	0.49	0.44	28.88	Bronze Age	2	2b
KTBW14	62	135/225	61	14	Fill	Fill of posthole [61]	Soft, mid red brown, silt clay	0.56	0.49	0.44	28.88	Bronze Age	2	2b
KTBW14	63	135/225	63	10	Cut	Posthole	Sub-round, concave sides, concave base	0.39	0.35	0.17	28.69	Bronze Age	2	2b
KTBW14	64	135/225	63	10	Fill	Fill of posthole [63]	Soft, mid red brown, silt clay	0.39	0.35	0.17	28.69	Bronze Age	2	2b
KTBW14	65	135/225	65	13	Cut	Posthole	Round, concave sides, concave base	0.41	0.41	0.24	28.9	Bronze Age	2	2b
KTBW14	66	135/225	65	13	Fill	Fill of posthole [65]	Soft, mid red brown, silt clay	0.41	0.41	0.24	28.9	Bronze Age	2	2b
KTBW14	67	135/225	67	11	Cut	Posthole	Round, concave sides, tapered base	0.38	0.38	0.25	28.8	Bronze Age	2	2b
KTBW14	68	135/225	67	11	Fill	Fill of posthole [67]	Soft, mid red brown, silt clay	0.38	0.38	0.25	28.8	Bronze Age	2	2b
KTBW14	69	135/225	69	12	Cut	Posthole	Round, concave sides, concave base	0.27	0.23	0.13	28.82	Bronze Age	2	2b
KTBW14	70	135/225	69	12	Fill	Fill of posthole [69]	Soft, mid red brown, silt clay	0.27	0.23	0.13	28.82	Bronze Age	2	2b
KTBW14	71	135/220; 135/225	72	19	Fill	Fill of pit [72]	Soft, brown yellow red, clay	1.2	1.1	0.24	29.04	Post-Saxon	2	3b
KTBW14	72	135/220; 135/225	72	19	Cut	Pit	Sub-round, steep sides, flat base	1.2	1.1	0.24	29.04	Post-Saxon	2	3b

KTBW14	73	135/235	-	20	Fill	Fill of posthole [74]	Soft, light yellow red brown, fine clay silt	0.3	0.25	0.17	28.64	Bronze Age	2	2b
KTBW14	74	135/235	-	20	Cut	Posthole	Sub-round, steep sides, flat base	0.3	0.25	0.17	28.64	Bronze Age	2	2b
KTBW14	75	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void
KTBW14	76	115/125; 120/235	43	7	Layer	Natural brickearth	Firm, mid brown red, silt clay	-	-	-	27.94	Natural	2	1
KTBW14	77	135/220	78	6	Fill	Fill of posthole [78]	soft, brown yellow red, clay silt	0.44	0.42	0.28	28.92	Bronze Age	2	2b
KTBW14	78	135/220	78	6	Cut	Posthole	Round, vertical sides, flat base	0.44	0.42	0.28	28.92	Bronze Age	2	2b
KTBW14	79	135/235	-	-	Fill	Fill of posthole [80]	Soft, light yellow red brown, fine clay silt	0.42	0.34	0.24	28.62	Bronze Age	2	2b
KTBW14	80	135/235	-	80	Cut	Posthole	Sub-round, steep sides, concave base	0.42	0.34	0.24	28.62	Bronze Age	2	2b
KTBW14	81	135/220; 135/225	82	17	Fill	Fill of posthole [82]	Soft, light brown red, clay silt	0.26	0.3	0.21	28.9	Bronze Age	2	2b
KTBW14	82	135/220; 135/225	82	17	Cut	Posthole	Round, steep sides, tapered base	0.26	0.3	0.21	28.9	Bronze Age	2	2b
KTBW14	83	100/200	40	18	Layer	Colluvium	Soft, mid grey brown, clay sand	0.7	0.8	0.6	28.5	Mesolithic-Bronze Age	2	2a
KTBW14	84	100/240	40	18	Layer	Colluvium	Firm, light yellow brown grey, clay sand	0.75	1.2	0.38	28	Mesolithic-Bronze Age	2	2a
KTBW14	85	100/240; 105/240	40	18	Layer	Natural brickearth	Firm, red brown, clay sand	0.75	3.35	-	28.1	Natural	1	1
KTBW14	86	135/240; 135/245; 140/240; 140/245	87	22	Fill	Fill of pit [87]	Soft, light yellow brown, fine clay silt	1.03	1.43	0.3	28.59	Bronze Age	2	2b
KTBW14	87	135/240; 135/245; 140/240; 140/245	87	22	Cut	Pit	Sub-round, steep sides, flat base	1.03	1.43	0.3	28.59	Bronze Age	2	2b
KTBW14	88	130/220; 135/220	89	21	Fill	Fill of pit [89]	Soft, light brown red, clay silt	1.5	1	0.18	29.14	Bronze Age	2	2b

KTBW14	89	130/220; 135/220	89	21	Cut	Pit	Round, concave sides, concave base	1.5	1	0.18	29.14	Bronze Age	2	2b
KTBW14	90	140/245	-	23	Fill	Fill of posthole [91]	Soft, light yellow brown, clay silt	0.53	0.5	0.3	28.61	Bronze Age	2	2b
KTBW14	91	140/245	91	23	Cut	Posthole	Sub-round, gradual sides, concave base	0.53	0.5	0.3	28.61	Bronze Age	2	2b
KTBW14	92	140/245	-	-	Fill	Fill of posthole [93]	Soft, light yellow brown, clay silt	0.56	0.54	0.3	28.59	Bronze Age	2	2b
KTBW14	93	140/245	93	-	Cut	Posthole	Sub-round, concave sides, concave base	0.56	0.54	0.3	28.59	Bronze Age	2	2b
KTBW14	94	140/260	-	24	Fill	Fill of posthole [95]	Soft, light red brown, clay silt	0.6	0.42	0.16	28.82	Bronze Age	2	2b
KTBW14	95	140/260	95	24	Cut	Posthole	Sub-round, gradual sides, concave base	0.6	0.42	0.16	28.82	Bronze Age	2	2b
KTBW14	96	140/260	-	-	Fill	Fill of posthole [97]	Soft, light yellow brown, clay silt	0.62	0.63	0.12	28.89	Bronze Age	2	2b
KTBW14	97	140/260	97	-	Cut	Posthole	Sub-round, gradual sides, concave base	0.62	0.63	0.12	28.89	Bronze Age	2	2b
KTBW14	98	140/265	-	-	Fill	Fill of posthole [99]	Soft, light yellow brown, clay silt	0.4	0.43	0.09	28.89	Bronze Age	2	2b
KTBW14	99	140/265	99	-	Cut	Posthole	Sub-round, gradual sides, concave base	0.4	0.43	0.09	28.89	Bronze Age	2	2b
KTBW14	100	140/260; 140/265	100	-	Fill	Fill of pit [180]	Soft, light red brown, clay silt	1.9	1.44	0.11	29.01	Bronze Age	2	2b
KTBW14	101	135/260; 135/265	-	25	Fill	Fill of pit [102]	Firm, light yellow brown, gravel clay silt	1	1.17	0.25	28.94	Post-Saxon	3	3b
KTBW14	102	135/260; 135/265	102	25	Cut	Pit	Sub-round, gradual sides, concave base	1	1.17	0.25	28.94	Post-Saxon	3	3b
KTBW14	103	135/225	103	26	Cut	Pit	Sub-round, gradual sides, flat base	0.94	0.62	0.26	28.85	MIA-LIA/Roman	2	2c
KTBW14	104	135/225	103	26	Fill	Fill of pit [103]	Soft, dark red brown, clay silt	0.94	0.62	0.26	28.85	MIA-LIA/Roman	2	2c

KTBW14	105	135/225	105	26	Cut	Pit	Round, concave sides, flat base	1.7	1.35	0.38	28.81	MIA-LIA/Roman	2	2c
KTBW14	106	135/225	105	26	Fill	Fill of pit [105]	Soft, dark grey brown, clay silt	1.7	1.35	0.38	28.81	MIA-LIA/Roman	2	2c
KTBW14	107	135/230	107	26	Cut	Pit	Round, concave sides, flat base	2.2	1.88	0.55	28.7	MIA-LIA/Roman	2	2c
KTBW14	108	135/230	107	26	Fill	Fill of pit [107]	Soft, dark red brown, clay silt	2.2	1.88	0.55	28.7	MIA-LIA/Roman	2	2c
KTBW14	109	135/230	109	26	Cut	Pit	Sub-round, gradual sides, flat base	2.4	1.54	0.23	28.61	MIA-LIA/Roman	2	2c
KTBW14	110	135/230	109	26	Fill	Fill of pit [109]	Soft, dark red brown, clay silt	2.4	1.54	0.23	28.61	MIA-LIA/Roman	2	2c
KTBW14	111	135/230; 135/235	111	26	Cut	Pit	Sub-round, gradual sides, flat base	2.27	1.88	0.38	28.54	MIA-LIA/Roman	2	2c
KTBW14	112	135/230; 135/235	111	26	Fill	Fill of pit [111]	Soft, dark red brown, clay silt	2.27	1.88	0.38	28.54	MIA-LIA/Roman	2	2c
KTBW14	113	135/235	113	26	Cut	Pit	Sub-round, stepped sides, flat base	1.69	1.18	0.32	28.58	MIA-LIA/Roman	2	2c
KTBW14	114	135/235	113	26	Fill	Fill of pit [113]	Soft, dark red brown, clay silt	1.69	1.18	0.32	28.58	MIA-LIA/Roman	2	2c
KTBW14	115	135/235; 135/240	115	26	Cut	Pit	Sub-round, gradual sides, flat base	2.56	2.2	0.49	28.55	MIA-LIA/Roman	2	2c
KTBW14	116	135/235; 135/240	115	26	Fill	Fill of pit [115]	Soft, dark red brown, clay silt	2.56	2.2	0.49	28.55	MIA-LIA/Roman	2	2c
KTBW14	117	135/240	117	26	Cut	Pit	Sub-round, concave sides, flat base	2.4	2.04	0.45	28.49	Saxon	2	3a
KTBW14	118	135/240	117	26	Fill	Fill of pit [117]	Soft, dark red brown, clay silt	2.4	2.04	0.45	28.49	Saxon	2	3a
KTBW14	119	110/240	-	37	Layer	Colluvium = [2]	Firm/friable, light red brown, silt clay sand	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	120	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	121	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.05	Mesolithic-Bronze Age	2	2a
KTBW14	122	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	123	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28	Mesolithic-Bronze Age	2	2a

KTBW14	124	135/250	-	27	Fill	Fill of pit [125]	Firm, mid grey brown, silt sand	2.62	1.73	0.58	28.6	Bronze Age	2	2b
KTBW14	125	135/250	125	27	Cut	Pit	Round, concave sides, concave base	2.62	1.73	0.58	28.6	Bronze Age	2	2b
KTBW14	126	135/250	-	27	Fill	Fill of pit [127]	Firm, mid grey brown, silt sand	2.25	0.9	0.55	28.52	Bronze Age	2	2b
KTBW14	127	135/250	127	27	Cut	Pit	Round, steep sides, concave base	2.25	0.9	0.55	28.52	Bronze Age	2	2b
KTBW14	128	135/250	-	27	Fill	Fill of pit [129]	Firm, mid grey brown, silt sand	0.45	0.92	0.39	28.13	Bronze Age	2	2b
KTBW14	129	135/250	129	27	Cut	Pit	Round, steep sides, flat base	0.45	0.92	0.39	28.13	Bronze Age	2	2b
KTBW14	130	135/250; 135/255	-	27	Fill	Fill of pit [131]	Firm, mid grey brown, silt sand	2.52	1.25	0.53	28.54	Bronze Age	2	2b
KTBW14	131	135/250; 135/255	131	27	Cut	Pit	Round, steep sides, flat base	2.52	1.25	0.53	28.54	Bronze Age	2	2b
KTBW14	132	135/255	-	-	Fill	Fill of pit [133]	Firm, mid grey brown, silt sand	1.12	1.06	0.42	28.53	Bronze Age	2	2b
KTBW14	133	135/255	133	-	Cut	Pit	Round, steep sides, flat base	1.12	1.06	0.42	28.53	Bronze Age	2	2b
KTBW14	134	135/255	-	-	Fill	Fill of pit [135]	Firm, mid grey brown, silt sand	0.63	0.72	0.23	28.53	Post-Saxon	2	3b
KTBW14	135	135/255	135	-	Cut	Pit	Round, steep sides, flat base	0.63	0.72	0.23	28.53	Post-Saxon	2	3b
KTBW14	136	135/255	-	27	Fill	Fill of pit [137]	Firm, mid grey brown, silt sand	1.48	1.13	0.36	28.57	Bronze Age	2	2b
KTBW14	137	135/255	137	27	Cut	Pit	Round, concave sides, flat base	1.48	1.13	0.36	28.57	Bronze Age	2	2b
KTBW14	138	135/255	-	27	Fill	Fill of pit [139]	Firm, mid grey brown, silt sand	1.97	1.2	0.61	28.68	Bronze Age	2	2b
KTBW14	139	135/255	139	27	Cut	Pit	Round, concave sides, flat base	1.97	1.2	0.61	28.68	Bronze Age	2	2b
KTBW14	140	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	141	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.95	Mesolithic-Bronze Age	2	2a
KTBW14	142	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.9	Mesolithic-Bronze Age	2	2a

KTBW14	143	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.85	Mesolithic-Bronze Age	2	2a
KTBW14	144	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	145	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void	Void
KTBW14	146	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.8	Mesolithic-Bronze Age	2	2a
KTBW14	147	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.75	Mesolithic-Bronze Age	2	2a
KTBW14	148	130/220	148	28	Cut	Pit	Sub-round, concave sides, undulating base	1.92	1.68	0.23	29.08	Bronze Age	2	2b
KTBW14	149	130/220	148	28	Fill	Fill of pit [148]	Soft, mid grey brown, clay silt	1.92	1.68	0.23	29.08	Bronze Age	2	2b
KTBW14	150	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	151	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	152	110/240	-	29; 30	Layer	Colluvium = [2]	Soft, light red brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	153	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.7	Mesolithic-Bronze Age	2	2a
KTBW14	154	125/220; 125/225; 130/220; 130/225	154	31	Cut	Pit	Sub-round, concave sides, concave base	2.01	1.32	0.23	28.98	Post-Saxon	2	3b
KTBW14	155	125/220; 125/225; 130/220; 130/225	154	31	Fill	Fill of pit [154]	Soft, dark red brown, clay silt	2.01	1.32	0.23	28.98	Post-Saxon	2	3b
KTBW14	156	125/225; 125/230; 130/225; 130/230	157	33	Fill	Fill of pit [157]	Soft, grey brown yellow red, clay	2.24	2.24	0.25	28.72	Bronze Age	2	2b

KTBW14	157	125/225; 125/230; 130/225; 130/230	157	33	Cut	Pit	Round, gradual sides, flat base	2.24	2.24	0.25	28.72	Bronze Age	2	2b
KTBW14	158	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	159	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	160	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	161	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	162	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	163	130/220; 130/225	163	32	Cut	Pit	Round, gradual sides, flat base	1.55	1.35	0.34	28.97	Bronze Age	2	2b
KTBW14	164	130/220; 130/225	163	32	Fill	Fill of pit [163]	Soft, mid grey brown, sand silt	1.55	1.35	0.08	28.71	Bronze Age	2	2b
KTBW14	165	130/220; 130/225	163	32	Fill	Fill of pit [163]	Soft, dark red brown, clay silt	1.55	1.35	0.29	28.97	Bronze Age	2	2b
KTBW14	166	130/225	167	36	Fill	Fill of pit [167]	Soft, mid red brown, silt clay	1.74	1.44	0.46	28.9	Bronze Age	2	2b
KTBW14	167	130/225	167	36	Cut	Pit	Round, steep sides, undulating base	1.74	1.44	0.46	28.9	Bronze Age	2	2b
KTBW14	168	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	169	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	170	110/240	-	34; 35	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	171	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.1	Mesolithic-Bronze Age	2	2a
KTBW14	172	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28.05	Mesolithic-Bronze	2	2a

												Age		
KTBW14	173	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	28	Mesolithic-Bronze Age	2	2a
KTBW14	174	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.95	Mesolithic-Bronze Age	2	2a
KTBW14	175	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.9	Mesolithic-Bronze Age	2	2a
KTBW14	176	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.85	Mesolithic-Bronze Age	2	2a
KTBW14	177	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.8	Mesolithic-Bronze Age	2	2a
KTBW14	178	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.75	Mesolithic-Bronze Age	2	2a
KTBW14	179	110/240	-	37	Layer	Colluvium = [2]	Soft, light yellow brown, clay silt	-	-	-	27.7	Mesolithic-Bronze Age	2	2a
KTBW14	180	140/260; 140/265	180	-	Cut	Pit	No details	1.9	1.44	0.11	29.01	Bronze Age	2	2b

Appendix 2 – Lithic Assessment (Barry Bishop)

Introduction

The excavations at Tyler's resulted in the recovery of a substantial assemblage of struck flint and burnt stone, most of which came from a prehistoric colluvial deposit and a number of features that have been dated to the Late Bronze Age. A full catalogue of the material detailing each piece, including contextual origin, raw material, condition and, where possible, a suggested date of manufacture, has been prepared (Appendix L01); this should be consulted for information relating to the spatial and contextual distribution of the assemblage. Further descriptive and metrical details of the cores and tools are provided in Appendices L02 and L03. This report provides a summary description of the assemblage and assesses its archaeological significance and potential to contribute to the further understanding of the nature and chronology of activity at the site. All metrical descriptions follow the methodology established by Saville (1980).

Quantification

	Decortication flake	Core rejuvenation flake	Chip	Flake	Squat' flake	Blade--like flake	Non-prismatic blade	Prismatic blade	Flake fragment	Core	Core fragment	Conchoidal chunk	Axe	Retouched	Core-tool	**Total**	Burnt Stone (no.)	Burnt stone (wt:g)
Post-preh. colluvium (no.)	4			11	7				1	6	3	1		2	1	**36**	1	10
Post-preh. *colluvium (%)*	*11.1*			*30.6*	*19.4*				*2.8*	*16.7*	*8.3*	*2.8*		*5.6*	*2.8*	***100***		
Features (no.)	40	1		66	20		12		18	5	5	3	1	5		**176**	110	3203
Features (%)	*22.7*	*0.6*		*37.5*	*11.4*		*6.8*		*10.2*	*2.8*	*2.8*	*1.7*	*0.6*	*2.8*		***100***		
Preh. colluvium (no.)	90	1	14	158	91	6	8	5	29	67	30	61		12	5	**577**	88	2119
Preh. colluvium (%)	*15.6*	*0.2*	*2.4*	*27.4*	*15.8*	*1.0*	*1.4*	*0.9*	*5.0*	*11.6*	*5.2*	*10.6*		*2.1*	*0.9*	***100***		

Table L01: Quantification of Lithic Material from Tyler's

Burnt Stone

A total of 199 pieces of otherwise unworked burnt stone weighing 5,332g was recovered (Table L01; Appendix L04). All of the pieces consist of flint fragments that have been heated to variable degrees, but most heavily and all the extent that they had changed colour and become 'fire crazed'. Two types of flint have been burnt; most comprise large nodular fragments, often with remnants of a thick cortex, that have burnt to a greyish white colour and these are likely to have been obtained from either superficial deposits on the chalk or from the colluvium identified at the site. Around a quarter of the pieces comprise rounded alluvial cobbles and 'Tertiary pebbles' which have burnt to a dark reddish colour, probably due to having been iron stained. These are likely to have originated from the Pleistocene gravels

present to the south of the site but may also have been present within the colluvium (see *Raw Materials*, below).

The quantities of burnt stone fragments and the intensity to which they had been heated suggests deliberate production and they are certainly indicative of settlement or domestic-type activities, such as food preparation or craft production. Over 60% of the burnt stone came from a series of 27 features, although within these it was mostly present in small quantities with only a single feature, posthole [87], containing over 0.5 kg. Most of the rest of the burnt stone came from the prehistoric colluvium, which produced 40% of the total. The post-Medieval deposits contained a single piece.

Struck flint

Raw Materials

The struck assemblage was manufactured from a 'glassy' translucent flint that ranges in colour from dark to light grey or brown and contains extensive opaque light grey cherty patches; this being typical of 'North Downs' flint. Remnant cortex, which is present on around 80% of the pieces, indicates that the flint originated from a number of locations (re Gibbard 1986). Around two thirds of the identifiable raw material comprises large, thermally (frost) fractured, nodular fragments with relatively unweathered cortex and fresh or recorticated thermal scars. These are typical of flint from superficial peri-glacially mass-weathered deposits found on the chalk and infilling dry valleys. Most of the remaining third consists of smaller rounded cobbles with a hard worn or battered cortex, as are typical of flints from the Pleistocene gravel terraces. A small number of pieces with a distinctive green glauconitic 'bullhead bed' cortex are also present. This is found at the junction of the cretaceous Upper Chalk and overlying Tertiary deposits throughout Kent, Essex and East Anglia (Shepherd 1972). All of these sources can be found relatively close to the site but it is also possible that the flints from these sources became incorporated within, and the raw materials subsequently gathered from, the colluvial deposits that are present at the site. Four flakes made from a coarse-grained opaque white chert with fine black speckling have almost certainly been imported to the site. The nearest possible sources for this are likely to be Jurassic limestones to the west of the Weald or from central or northern Britain, erratics from the latter occasionally being found in the glacial tills of East Anglia. One of these pieces is possibly a Mesolithic axe sharpening flake (see below), the others are undiagnostic but could be of a similar date.

Distribution and Condition

The struck flint assemblage from the site amounts to 789 pieces. The bulk of this was recovered from the prehistoric colluvium, which contributed nearly three-quarters of the total. Most of the remainder came from a series of 29 pits and postholes that cut into the prehistoric colluvium. This material was mostly present in small quantities, although four features contained ten or more pieces; the largest assemblage, comprising 48 pieces, was recovered

from pit [131], whilst pit [125], produced 24 pieces and posthole [87] and pit [139], supplied 16 and 14 pieces respectively. The remainder of the struck flint, amounting to less than 5% of the total, came from Post-Medieval colluvial soils.

The overall condition of the assemblage does vary, although most pieces are in either a good or only slightly chipped condition. Although most of the assemblage came from colluvial deposits, their condition, including that of many of the earlier pieces, indicates that they were recovered from close to where they had been originally discarded and therefore must post-date the deposit. The material from the features is in a more variable state. Some the individual feature assemblages, including those from pits [125], [127], [129], [131] and [139], are in a predominantly sharp condition and are likely to have entered the pits soon after manufacture. Most of the other features, however, contained smaller assemblages which have experienced a greater range of post-depositional damage, and these are more likely to represent residual material that had been 'kicking around' for some time prior to final deposition. In some cases, such as posthole [87], which contains lots of burnt flint fragments as well as many pieces of struck flint, it is possible that this material was deliberately re-used as post packing.

Technology, Typology and Dating

The bulk of the assemblage is technologically fairly homogeneous, although there is a small component which indicates that flintworking occurred at the site from the Mesolithic and continued until the later Bronze Age or possibly Iron Age. As considerable overlap exists between methods of production, individual pieces can rarely be unequivocally assigned to a discrete or chronologically-specific reduction strategy. However, by considering the technological traits as a whole, it is possible with reasonable confidence to assign broad dates to much of the assemblage, allowing its division into three basic technological strategies, as discussed below.

Mesolithic / Early Neolithic

The earliest evidence of flintworking consists of a small number of prismatic blades, core rejuvenation flakes and possible blade cores that are the product of a systematic reduction strategy, characteristic of Mesolithic or Early Neolithic industries. One of the most notable of these early pieces is the blade end of a transversely sharpened flaked axe or adze recovered from pit [139]. This has well-executed all-over flaking and, at its cutting end at least, has a symmetrical bi-convex cross section. It has blunted lateral edges, indicating it is finished, and has broken with a prominently hinged transverse snap, probably caused through bending during use. Transverse axes are diagnostic implements of the Mesolithic period and are particularly concentrated within the main river valley floors, especially of the lower Thames, as well as along the higher parts of the chalk uplands in Kent and Sussex (Care 1979; Field 1989). Possibly indicating the use of another axe at the site and recovered from the same pit is a potential transverse axe sharpening flake manufactured of white speckled chert. The only other implement that is likely to belong to these periods is a serrated prismatic blade (Small

Find 235). Two cores are also likely to date to these periods. One is from the prehistoric colluvium (Small Find 425) and although extensively reduced appears to have been mainly used as an opposed platform blade core. The other, from context [42], also appears to have been an opposed platform blade core although it has partially disintegrated. As well as the cores, a number of the blades retain cortex and there are also several decortication flakes with blade scars on their dorsal surfaces, suggesting that primary core working was taking place during these periods.

Later Neolithic / Early Bronze Age

Present within the assemblage are a small number of competently produced thin flakes with narrow and carefully edge-trimmed or faceted striking platforms. They have been skilfully produced but are not the result of true systematic reduction strategies. Although not easily defined or closely dateable, they are most characteristic of Later Neolithic or Early Bronze Age flintworking techniques. The latter period is certainly represented, as demonstrated by a barbed and tanged arrowhead from context [40], (Small Find 01). This is a Green Low type (Green 1980, 51, fig 46) and is complete with no signs of damage. It is very finely made with carefully executed pressure flaking and it is possible that it was intended more as a ceremonial object that a functional point (re Devaney 2005). Also from context [40], is a fragment of steeply flaked rod, possibly a fabricator, which is likely to be Later Neolithic or Early Bronze Age in date. Other tools which may belong to these periods include an elaborately retouched piercer (Small Find 290), a well-made scraper (Small Find 153) and a wedge from pit [25]. Although no certain examples were identified, it is possible that some of the centripetal worked or globular shaped cores are of Later Neolithic or Early Bronze Age date. A few flakes may have been struck from Levallois-like cores although none of these were recovered.

Later Prehistoric: Middle Bronze Age to Iron Age Flintworking

By far the greater part of the assemblage, probably in excess of 80%, derives from a deliberate and successful, if very unstructured, approach to obtaining edges on pieces of flint that would be suitable both for direct use and further modification. This can be dated to the later prehistoric period and would be most typical of later second and first millennium BC industries (Ballin 2002; Herne 1991; Humphrey 2003; Young and Humphrey 1999). The flakes vary considerably in shape and size, although they tend to be broad and thick and often have wide, markedly obtuse, striking platforms, with around a third of the flakes being comparable to Martingell's 'squat' flakes (1990; 2003). An exclusive use of hard hammer percussors is indicated by the frequency of pronounced bulbs of percussion and visible and sometimes multiple points of percussion. A high proportion of the flakes have cortex covering over half of the dorsal surfaces and nearly all retain some cortex, indicative of short knapping sequences.

Complete cores form a relatively high 10% of the total assemblage (see Appendix L02). A further 18% consists of shattered pieces that include both disintegrated cores and cobbles

that had shattered along pre-existing thermal flaws during the early stages of reduction and which represent rejected 'tested' pieces. These all reflect the often extensively thermally flawed nature of the pieces selected for reduction but there is also evidence that the larger nodular fragments were being 'quartered' to aid further reduction. Many freshly shattered pieces show evidence for further working, either in the form of additional flake removals, or by the presence of incipient Hertzian cones from further attempts at flaking on their freshly broken surfaces.

Excluding the two blade cores, nearly half of the complete cores have been minimally reduced with less than 10 flakes removed; some of these may also have been abandoned 'tested' pieces but others may just reflect an opportunistic need for a few flakes with sharp edges. Even the more extensively reduced cores show little evidence for any pre-shaping, preparation or for their rejuvenation to aid further reduction, and most had been abandoned prior to exhaustion. They are all irregularly shaped with flakes mostly removed from numerous and seemingly random directions, using any surface deemed appropriate, including cortical surfaces and unmodified striking platforms. Also present are centripetally worked and keeled cores, but again these tend to utilize the natural shape of the raw materials rather than reflecting any deliberate reduction techniques. Some of the pieces classified here as cores may have been intended, or at least re-used, as tools, such as those with concave sides or with edges suitable for chopping, and a few had certainly been re-used as hammerstones or pounders.

Excluding the transverse axe, six core-tools were identified; four of these have coarse denticulations formed from flaking one edge of an angular piece of flint. A 'potlid' scraper and a bifacially flaked chopping tool are also present. The later prehistoric retouched flakes are mostly simply and usually sporadically retouched along their edges, sometimes inversely, either to produce steep edged implements comparable to scrapers or to strengthen sharp edges for use as cutting tools, notches or piercers. A number of other flakes also have edge damage consistent with such use, although their general condition precludes unequivocal identification of this.

Interestingly, several pieces, including flakes, cores and retouched implements, appear to have been made using much earlier, recorticated, struck pieces, despite the abundance of flint raw materials in the vicinity.

Summary and Conclusion

The assemblage from Tyler's can be regarded as large and indicates activity occurring at the site over a long period. Flint-use appeares to have commenced during the Mesolithic and is likely to have continued, if sporadically and at low levels, into the Early Bronze Age. The nature of these early occupations is ill-defined but it involved primary core reduction, no doubt taking advantage of the abundant raw materials available at the site, and more specifically the use of axes(s) during the Mesolithic period, and the loss of a very finely made arrowhead

during the Early Bronze Age. Taken together, these assemblages are most likely to reflect transient groups occasionally visiting the site as part of wider movements throughout the landscape.

The bulk of the assemblage can be dated to the later Bronze Age or Iron Age. This flintwork can only be described as casually produced with little investment of skill and no complex knapping strategies. It reflects an expedient approach to obtain serviceable edges and much of it appeares to have arisen from little more than randomly hitting pieces of raw material until either sufficient flakes had been procured or, as frequently seemed to happen, they disintegrated. The products include thick flakes and simple tools limited to edge retouched flakes and core-tools.

The struck flint was concentrated within the colluvial deposits recorded at the site and it seems likely that this also furnished the basic raw materials that were being worked and used, with most of the material being discarded on to the surface. Many of the features also contained flintwork that is likely to be at least broadly contemporary. A few of these produced relatively large assemblages of struck flint, often in a good condition, and include pieces likely to have been struck from the same cores, indicating that these assemblages were deliberately dumped in the features shortly after manufacture. Most of the features, however, contained only a few pieces whose condition suggests residually incorporation from the general background scatter into the open features.

In general, this later prehistoric material fits the broader pattern seen for flintworking practices of this period. It is usually considered to be opportunistically undertaken with readily available raw materials casually struck and suitable edges procured as and when particular tasks required. There is generally little evidence for the preparation or curation of worked flint, and once the task was competed the material was usually disposed of informally. Consequently, the struck flint from these periods is usually found scattered in and around the contemporary settlements and field-systems. The assemblage here can be compared to other later prehistoric assemblage that have been recovered in association with settlement and agricultural features in this part of north Kent, including at Dartford, (Bishop 2008a), Stone (Bishop 2008b) and Gravesend (Mudd 1994; Bishop 2014).

Significance and Recommendations

Given the small size and lack of contextual associations of the Mesolithic to early Bronze Age assemblages, their interpretational value is limited. Nevertheless, they remain of some interest in that they demonstrates a long-lived association with the site and can also contribute to the growing body of evidence for the wider use of the landscape in this area during those periods.

The later prehistoric material is of greater significance in that it consists of what is, for the period, a relatively large assemblage that has added interpretational value in that it can be associated with evidence for contemporary settlement. It therefore has ability to inform on the

poorly understood aspects of later prehistoric lithic typology and technology, depositional practices and the role, utility and organization of lithic use within settlement contexts.

All of assemblage has been catalogued in detail but it is recommended that a record and analysis of its main technological and metrical attributes should be made. Further work should also include a consideration of the assemblage's spatial distribution and contextual associations, both stratigraphic and with regard to other finds categories. Following completion of this work, it is recommended that the findings are written up and, alongside illustrations of the most relevant pieces, presented in any published account of the fieldwork.

Bibliography

Ballin, T.B. 2002 Later Bronze Age Flint Technology: a presentation and discussion of post-barrow debitage from monuments in the Raunds Area, Northamptonshire. *Lithics* 23, 3-28.

Bishop B.J. 2008b Archaeological Excavations on Land at Residential Phase II (Southern Parcel), Waterstone Park, Stone Castle, Kent. Unpublished Report for PCA.

Bishop, B. 2014 Worked Flint. In: P. Boyer, *From Prehistory to the Nineteenth Century: excavations on two sites adjacent to Stuarts Road, Gravesend (Site 2)*, 19-22. Pre-Construct Archaeology Kent Papers 1.

Bishop, B.J. 2008a Excavations at the Former Bexley Hospital, Dartford Heath, Kent. *Kent Archaeological Society eArchaeological Reports,* http://www.kentarchaeology.ac/archrep/dartford01.pdf

Care, V. 1979 The Production and Distribution of Mesolithic Axes in Southern England. *Proceedings of the Prehistoric Society* 45, 93-102.

Devaney, R. 2005 Ceremonial and Domestic Flint Arrowheads. *Lithics* 26, 9–22.

Field, D. 1989 Tranchet Axes and Thames Picks: Mesolithic Core Tools from the West London Thames. *Transactions of the London and Middlesex Archaeological Society* 40, 1-26.

Gibbard, P.L. 1986 Flint Gravels in the Quaternary of Southeast England. In: G. De C. Sieveking and M.B. Hart (Eds). *The Scientific Study of Flint and Chert*, 141-149. Cambridge University Press. Cambridge.

Green, H.S. 1980 *The Flint Arrowheads of the British Isles: a detailed study of material from England and Wales with comparanda from Scotland and Ireland: Part I*.. British Archaeological Reports (British Series) 75.

Herne, A. 1991 The Flint Assemblage. In: I. Longworth, A. Herne, G. Varndell and S. Needham, *Excavations at Grimes Graves Norfolk 1972 - 1976. Fascicule 3. Shaft X: Bronze Age flint, chalk and metal working*, 21 - 93. British Museum Press. Dorchester.

Humphrey, J. 2003 The Utilization and Technology of Flint in the British Iron Age. In J. Humphrey (Ed.) *Re-searching the Iron Age: selected papers from the proceedings of the Iron Age research student seminars, 1999 and 2000*, 17-23. Leicester Archaeology Monograph 11.

Martingell, H. 1990 The East Anglian Peculiar? The 'Squat' Flake. *Lithics 11*, 40-43

Martingell, H. 2003 Later Prehistoric and Historic Use of Flint in England. In: N. Moloney and M.J. Shott (Eds.) *Lithic Analysis at the Millennium*, 91–97. University College London Institute of Archaeology Publications. London.

Mudd, A. 1994 The Excavation of a Later Bronze Age Site at Coldharbour Road, Gravesend. *Archaeologia Cantiana* 114, 363-410.

Saville, A. 1980 On the Measurement of Struck Flakes and Flake Tools. *Lithics* 1, 16-20.

Shepherd, W. 1972 *Flint. Its Origins, Properties and Uses*. Faber and Faber. London.

Young, R. and Humphrey, J. 1999 Flint Use in England after the Bronze Age: time for a re-evaluation? *Proceedings of the Prehistoric Society* 65, 231-242.

Lithic Appendix 01 – Lithic Assemblage

Context	Ref	Feature	Phase	Type	Colour	Cortex	Condition	Date	Comments
1		PMed Colluvium	3	Conchoidal chunk	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
1		PMed Colluvium	3	Decortication flake	Translucent dark grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	
1		PMed Colluvium	3	Flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
1		PMed Colluvium	3	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
1		PMed Colluvium	3	Shattered cobble	Translucent dark grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	
1		PMed Colluvium	3	Conchoidal chunk	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	Disintegrated core
1		PMed Colluvium	3	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
1		PMed Colluvium	3	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	multidirectional
1		PMed Colluvium	3	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
1		PMed Colluvium	3	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Keeled
1		PMed Colluvium	3	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Single platform
1		PMed Colluvium	3	Core	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	multidirectional
1		PMed Colluvium	3	Core tool	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Circular scraper on potlid spall
1		PMed Colluvium	3	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
1		PMed Colluvium	3	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	Ventral is predominantly thermally detached
1		PMed Colluvium	3	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
1		PMed Colluvium	3	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
1		PMed Colluvium	3	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
1		PMed Colluvium	3	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
1		PMed Colluvium	3	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	Large chunky flake
1		PMed Colluvium	3	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	

1		PMed Colluvium	3	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
1		PMed Colluvium	3	Retouched flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
1		PMed Colluvium	3	Squat' flake	Mottled dark/light grey	Hard smooth	Chipped	MBA-IA	
1		PMed Colluvium	3	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
1		PMed Colluvium	3	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Coarse denticulate
1		PMed Colluvium	3	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
1		PMed Colluvium	3	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
1		PMed Colluvium	3	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Possible light retouch /use wear along left margin
1		PMed Colluvium	3	Core	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
1		PMed Colluvium	3	Flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Same raw material
1		PMed Colluvium	3	Flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	same raw material
1		PMed Colluvium	3	Retouched flake	Semi-opaque light grey	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	End scraper
1		PMed Colluvium	3	Squat' flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	same raw material
2	7	Preh Colluvium	2	Prismatic blade	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	Cortical, struck from an opposed platform blade core
2	8	Preh Colluvium	2	Chip	Semi-opaque light grey	Heavily recorticated thermal surfaces	Good	Undated	Cortical
2	9	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	
2	10	Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Chipped	Neo-BA	Fairly narrow
2	12	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	13	Preh Colluvium	2	Prismatic blade	Translucent light grey	None	Slightly chipped	Meso/ENeo	small
2	17	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Possibly 'utilized'
2	18	Preh Colluvium	2	Chip	Translucent dark grey	Slightly weathered rough but thin	Good	Undated	Small platform trimming flake
2	19	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 1g
2	21	Preh Colluvium	2	Flake	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	cortical
2	22	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 2g

2	23	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Rather squat
2	25	Preh Colluvium	2	Flake	Mottled dark brown	None	Slightly chipped	Neo-BA	Rather squat
2	26	Preh Colluvium	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	27	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	28	Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Edge-trimmed flake
2	29	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	30	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	31	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	32	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Rather squat
2	33	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Relatively fresh thermal surfaces	Good	Neo-BA	Disintegrated core
2	34	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	36	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Bullhead bed	Good	MBA-IA	Narrow but very thick
2	37	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Disintegrated core
2	38	Preh Colluvium	2	Shattered cobble	Semi-opaque light grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	
2	39	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Relatively fresh thermal surfaces	Chipped	MBA-IA	
2	40	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	Very squat
2	41	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	42	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Good	Neo-BA	Facetted platform - looks like struck from the base of a scraper
2	43	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
2	44	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	45	Preh Colluvium	2	Core	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	46	Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Good	Neo-BA	Irregular small flake

2	47	Preh Colluvium	2	Decortication flake	Semi-opaque light grey	Hard smooth	Slightly chipped	Neo-BA	
2	48	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	Neo-BA	Disintegrated core
2	49	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	Large nodular protuberance removal flake
2	50	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	Keeled
2	51	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
2	52	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Possibly natural
2	53	Preh Colluvium	2	Blade-like flake	Translucent dark grey	Hard smooth	Good	Meso-EBA	
2	54	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Badly struck
2	55	Preh Colluvium	2	Squat' flake	Semi-opaque light grey	Slightly weathered rough but thin	Good	MBA-IA	Large 49x62x23mm
2	56	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	57	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Good	MBA-IA	Badly struck
2	58	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	single platform
2	59	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	single platform
2	60	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
2	61	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 11g
2	62	Preh Colluvium	2	Chip	Translucent black	Heavily recorticated thermal surfaces	Slightly chipped	Undated	Cortical
2	63	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Ventral is predominantly thermally detached
2	64	Preh Colluvium	2	Shattered cobble	Semi-opaque light grey	Slightly weathered rough but thin	Good	Undated	
2	65	Preh Colluvium	2	Shattered cobble	Semi-opaque light grey	Slightly weathered rough but thin	Good	Undated	
2	67	Preh Colluvium	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
2	68	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Damage to left margin could be from use as a chopping tool or post-depositional
2	69	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Lightly burnt	MBA-IA	
2	70	Preh Colluvium	2	Core	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Centripetal

2	71	Preh Colluvium	2	Core tool	Semi-opaque light grey	Hard smooth	Slightly chipped	MBA-IA	
2	72	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	72	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	
2	73	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	74	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Typical squat flake
2	75	Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Chipped	Neo-BA	Reasonably well struck
2	77	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	78	Preh Colluvium	2	Flake fragment	Translucent light grey	None	Slightly chipped	Meso-EBA	Possibly proximal end of a blade
2	79	Preh Colluvium	2	Shattered cobble	Semi-opaque light grey	None	Good	Undated	
2	80	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Undated	
2	81	Preh Colluvium	2	Flake	Semi-opaque light grey	Hard smooth	Good	Neo-BA	Small
2	82	Preh Colluvium	2	Shattered cobble	Semi-opaque light grey	Heavily recorticated thermal surfaces	Good	Undated	
2	83	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	
2	84	Preh Colluvium	2	Core	Semi-opaque light grey	Slightly weathered rough but thin	Good	MBA-IA	Minimally reduced
2	85	Preh Colluvium	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Rather squat
2	86	Preh Colluvium	2	Flake fragment	Translucent light grey	None	Chipped	Meso-EBA	Possibly proximal end of a blade
2	87	Preh Colluvium	2	Squat' flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	88	Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Good	Undated	Small
2	90	Preh Colluvium	2	Decortication flake	Translucent light grey	Hard smooth	Slightly chipped	Undated	
2	94	Preh Colluvium	2	Flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Good	Neo-BA	
2	95	Preh Colluvium	2	Flake fragment	Translucent dark brown	None	Slightly chipped	Meso-EBA	Possibly distal end of blade
2	96	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Badly struck
2	99	Preh Colluvium	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	Not prismatic but from blade-based reduction

2	100	Preh Colluvium	2	Flake fragment	Translucent dark grey	Slightly weathered rough but thin	Good	Undated	Cortical
2	101	Preh Colluvium	2	Squat' flake	Semi-opaque light grey	None	Slightly chipped	MBA-IA	
2	102	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	103	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	
2	104	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Good	Undated	
2	107	Preh Colluvium	2	Flake	Opaque white cherty flint with black speckling	Hard smooth	Slightly chipped	Neo-BA	Large, fairly 'squat'
2	108	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Meso-EBA	Narrow and some blade-like flakes
2	109	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Thick, badly struck
2	111	Preh Colluvium	2	Non-prismatic blade	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	Decortication blade
2	113	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Meso-EBA	Reasonably well struck
2	114	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Chipped	MBA-IA	
2	115	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	Large, bluish recortication 64x84x19mm
2	116	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Ventral is predominantly thermally detached
2	117	Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	End and side scraper
2	119	Preh Colluvium	2	Decortication flake	Translucent light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	Squat
2	121	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	Hard smooth	Chipped	Neo-BA	Laterally split
2	122	Preh Colluvium	2	Flake	Semi-opaque light grey	None	Slightly chipped	Neo-BA	Large chunky flake
2	124	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Good	MBA-IA	
2	125	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Laterally split
2	126	Preh Colluvium	2	Squat' flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	127	Preh Colluvium	2	Conchoidal chunk	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
2	128	Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Piercer / fabricator

2	129	Preh Colluvium	2	Flake	Translucent dark grey	Hard smooth	Chipped	Neo-BA	
2	130	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	Undated	
2	132	Preh Colluvium	2	Flake	Mottled dark brown	None	Slightly chipped	Undated	small
2	134	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	
2	135	Preh Colluvium	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Thick, possibly utilized?
2	136	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	137	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Ventral is predominantly thermally detached
2	139	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	141	Preh Colluvium	2	Chip	Mottled light grey	Slightly weathered rough but thin	Chipped	Undated	
2	142	Preh Colluvium	2	Flake	Mottled dark brown	Hard smooth	Slightly chipped	Neo-BA	
2	144	Preh Colluvium	2	Decortication flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	145	Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	146	Preh Colluvium	2	Flake	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	Narrow blade-like
2	148	Preh Colluvium	2	Decortication flake	Translucent dark grey	Relatively fresh thermal surfaces	Slightly chipped	Neo-BA	Rather squat
2	149	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Badly struck
2	150	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	151	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Minimally reduced
2	152	Preh Colluvium	2	Flake	Translucent light grey	Hard smooth	Good	Neo-BA	
2	153	Preh Colluvium	2	Retouched flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Well made end scraper
2	155	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
2	156	Preh Colluvium	2	Prismatic blade	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	Meso/ENeo	Distal end missing
2	157	Preh Colluvium	2	Flake fragment	Translucent dark grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	
2	158	Preh Colluvium	2	Squat' flake	Translucent dark grey	Hard smooth	Slightly chipped	MBA-IA	Possibly notched
2	159	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Chipped	Meso-EBA	Narrow, possibly blade-like

2	160	Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	Notched flake
2	161	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Rather squat
2	162	Preh Colluvium	2	Decortication flake	Translucent light brown	Slightly weathered rough but thin	Lightly burnt	Undated	Narrow, thin
2	163	Preh Colluvium	2	Squat' flake	Semi-opaque light grey	None	Slightly chipped	MBA-IA	
2	164	Preh Colluvium	2	Flake	Translucent dark brown	Slightly weathered rough but thin	Good	Neo-BA	
2	165	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
2	167	Preh Colluvium	2	Core	Mottled light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	multidirectional
2	169	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
2	170	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Good	Undated	
2	171	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	
2	172	Preh Colluvium	2	Flake	Translucent light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Irregular
2	173	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	
2	174	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	Testing nodule
2	175	Preh Colluvium	2	Decortication flake	Translucent light grey	Heavily recorticated thermal surfaces	Good	Neo-BA	Fairly narrow
2	177	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	Disintegrated core
2	178	Preh Colluvium	2	Squat' flake	Translucent light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	
2	179	Preh Colluvium	2	Flake fragment	Translucent light grey	None	Good	Meso-EBA	Small but possible Prismatic blade
2	180	Preh Colluvium	2	Flake	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
2	181	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Minimally reduced
2	182	Preh Colluvium	2	Flake	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Almost blade-like
2	183	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Rather squat
2	184	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	

2	185	Preh Colluvium	2	Squat' flake	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	186	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Possible deliberate damage inversely along right margin
2	189	Preh Colluvium	2	Flake	Opaque white cherty flint with black speckling	None	Chipped	Meso-EBA	
2	191	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Globular multi-platformed
2	192	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Possibly utilized
2	193	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Fairly narrow
2	194	Preh Colluvium	2	Squat' flake	Translucent dark grey	Hard smooth	Chipped	MBA-IA	Possibly utilized
2	196	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	
2	197	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Minimally reduced
2	198	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Minimally reduced
2	199	Preh Colluvium	2	Flake	Translucent dark brown	None	Slightly chipped	Meso-EBA	
2	200	Preh Colluvium	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	Thick
2	202	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Very 'squat', Ventral is predominantly thermally detached
2	203	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	
2	204	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Good	Undated	Disintegrated core
2	205	Preh Colluvium	2	Flake	Mottled dark brown	Hard smooth	Slightly chipped	Neo-BA	
2	206	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Minimally reduced
2	207	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Keeled
2	210	Preh Colluvium	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
2	211	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
2	217	Preh Colluvium	2	Shattered cobble	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Nodule dressing - protuberance removal

2	218	Preh Colluvium	2	Core tool	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Possible coarse denticulate
2	219	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	Narrow but fairly thick
2	220	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	222	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Meso/ENeo	Fragment of a blade core
2	223	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Badly struck
2	224	Preh Colluvium	2	Shattered cobble	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	225	Preh Colluvium	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Neo-BA	Rather squat
2	227	Preh Colluvium	2	Flake	Translucent light grey	None	Slightly chipped	Neo-BA	
2	229	Preh Colluvium	2	Squat' flake	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	230	Preh Colluvium	2	Decortication flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	231	Preh Colluvium	2	Conchoidal chunk	Unknown	Slightly weathered rough but thin	Burnt	Undated	Core fragment?
2	232	Preh Colluvium	2	Blade-like flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	Almost a prismatic blade
2	233	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 27g
2	235	Preh Colluvium	2	Retouched flake	Mottled dark/light grey	None	Slightly chipped	Meso/ENeo	Serrated prismatic blade
2	236	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	
2	237	Preh Colluvium	2	Flake	Translucent light grey	None	Good	Neo-BA	
2	238	Preh Colluvium	2	Flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	Small
2	239	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Minimally reduced
2	240	Preh Colluvium	2	Decortication blade	Translucent dark grey	Hard smooth	Slightly chipped	Meso-EBA	Has some blade scars, probably Meso/ENeo
2	241	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	
2	242	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Like a large primary flake
2	244	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Bullhead bed	Slightly chipped	Undated	Minimally worked disintegrated core
2	247	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	249	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	Disintegrated core

2	250	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Ventral is predominantly thermally detached
2	251	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Relatively fresh thermal surfaces	Good	Meso-EBA	Fragment of a possible blade core
2	252	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	253	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Struck from hammerstone or pounder?
2	255	Preh Colluvium	2	Flake	Translucent dark grey	None	Slightly chipped	MBA-IA	Badly struck
2	256	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Irregularly reduced
2	258	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	single platform
2	259	Preh Colluvium	2	Squat' flake	Mottled dark brown	Hard smooth	Slightly chipped	MBA-IA	
2	260	Preh Colluvium	2	Squat' flake	Translucent black	None	Good	MBA-IA	Struck from earlier recorticated struck flint
2	262	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
2	263	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	multidirectional
2	266	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Chipped	Undated	Minimally reduced
2	267	Preh Colluvium	2	Flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Chipped	Neo-BA	Rather squat
2	269	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	single platform
2	270	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Good	Neo-BA	Fragment of a centripetally worked core
2	271	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 19g
2	273	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Rather squat
2	275	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	276	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	277	Preh Colluvium	2	Flake	Semi-opaque light grey	None	Slightly chipped	Neo-BA	
2	279	Preh Colluvium	2	Decortication flake	Opaque dark brown	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	280	Preh Colluvium	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Good	MBA-IA	Very squat
2	281	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	single platform, could be pre-MBA-IA
2	282	Preh Colluvium	2	Flake	unknown	None	Burnt	Neo-BA	Heavily burnt

2	283	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Good	Undated	
2	283	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Relatively fresh thermal surfaces	Good	Undated	
2	285	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Badly struck
2	287	Preh Colluvium	2	Decortication flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	Very squat
2	288	Preh Colluvium	2	Chip	Mottled dark/light grey	None	Good	Undated	
2	289	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Disintegrated core
2	290	Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Piercer
2	291	Preh Colluvium	2	Decortication flake	Semi-opaque light grey	Hard smooth	Chipped	Undated	Possible coarse retouch along distal end
2	292	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Irregular
2	293	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Centripetal
2	294	Preh Colluvium	2	Flake fragment	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	295	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Disintegrated core
2	296	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	298	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Possibly utilized
2	299	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	300	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	301	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Disintegrated core
2	302	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
2	303	Preh Colluvium	2	Flake	Translucent dark brown	Slightly weathered rough but thin	Chipped	Meso-EBA	
2	304	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 6g
2	306	Preh Colluvium	2	Core tool	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
2	307	Preh Colluvium	2	Core	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	309	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	MBA-IA	
2	310	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Disintegrated core

2	311	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
2	312	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Badly struck
2	313	Preh Colluvium	2	Flake fragment	Semi-opaque light grey	None	Slightly chipped	Undated	
2	314	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	Minimally reduced
2	315	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	
2	316	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 5g
2	317	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Relatively fresh thermal surfaces	Good	Neo-BA	Long narrow
2	318	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Minimally reduced
2	319	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Good	MBA-IA	
2	321	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	322	Preh Colluvium	2	Flake	Translucent light grey	None	Good	MBA-IA	Badly struck
2	323	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Meso-EBA	Thick narrow flake removes face of a ?blade core
2	325	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Bullhead bed	Chipped	Neo-BA	
2	326	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 14g
2	327	Preh Colluvium	2	Flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
2	329	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Undated	
2	330	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	
2	331	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	332	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	333	Preh Colluvium	2	Decortication blade	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	Possibly utilized
2	335	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Large disintegrated core fragment
2	336	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	337	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	338	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough	Slightly chipped	Undated	

						but thin			
2	339	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Large possibly utilized
2	340	Preh Colluvium	2	Decortication flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Rather squat
2	341	Preh Colluvium	2	Chip	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	343	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Single platform
2	343	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Chipped	MBA-IA	Irregular
2	344	Preh Colluvium	2	Flake	Translucent dark grey	None	Slightly chipped	Meso-EBA	Possible core tablet
2	345	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	346	Preh Colluvium	2	Squat' flake	Translucent dark brown	None	Good	MBA-IA	
2	348	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Thick, irregular
2	349	Preh Colluvium	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Neo-BA	
2	350	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	351	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
2	352	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Possibly utilized
2	353	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	354	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	355	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	single platform
2	356	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Chipped	MBA-IA	Possibly utilized
2	357	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Chipped	MBA-IA	Possibly utilized
2	358	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	359	Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Good	Undated	
2	360	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	362	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	363	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Badly struck
2	364	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	multidirectional

2	365	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Bullhead bed	Good	MBA-IA	Ventral is predominantly thermally detached
2	366	Preh Colluvium	2	Core	Mottled dark/light grey	Relatively fresh thermal surfaces	Good	Neo-BA	Single platform
2	367	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	368	Preh Colluvium	2	Flake	Mottled dark brown	Hard smooth	Good	Neo-BA	
2	369	Preh Colluvium	2	Squat' flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	370	Preh Colluvium	2	Squat' flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	373	Preh Colluvium	2	Flake	Translucent dark brown	Hard smooth	Slightly chipped	Neo-BA	
2	374	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	large, possibly utilized
2	376	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	377	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Good	Neo-BA	
2	378	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	379	Preh Colluvium	2	Flake	Mottled dark brown	Slightly weathered rough but thin	Good	Neo-BA	
2	380	Preh Colluvium	2	Core	Mottled dark/light grey	None	Slightly chipped	Neo-BA	Extensively reduced multiplatformed
2	381	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Minimally reduced
2	382	Preh Colluvium	2	Core	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Undated	Minimally reduced
2	383	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	386	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	387	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Meso-EBA	Almost blade-like
2	388	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	389	Preh Colluvium	2	Shattered cobble	Translucent dark grey	Heavily recorticated thermal surfaces	Good	Undated	
2	390	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	391	Preh Colluvium	2	Blade-like flake	Translucent dark brown	Heavily recorticated thermal surfaces	Slightly chipped	Meso/ENeo	Almost a prismatic blade
2	392	Preh Colluvium	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Undated	
2	394	Preh Colluvium	2	Squat' flake	Mottled dark brown	Hard smooth	Slightly chipped	MBA-IA	

2	395	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Badly struck
2	396	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	
2	397	Preh Colluvium	2	Flake	Translucent dark brown	Bullhead bed	Chipped	Neo-BA	
2	398	Preh Colluvium	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Neo-BA	
2	399	Preh Colluvium	2	Flake	Translucent light grey	None	Good	Neo-BA	Small
2	400	Preh Colluvium	2	Flake	Translucent light grey	None	Good	Neo-BA	Small
2	401	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Large
2	402	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Good	Neo-BA	Rather squat
2	403	Preh Colluvium	2	Core	Mottled dark brown	Relatively fresh thermal surfaces	Slightly chipped	Neo-BA	Irregular with two platforms at right angles on front
2	404	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	405	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Badly struck
2	408	Preh Colluvium	2	Flake fragment	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	Undated	
2	409	Preh Colluvium	2	Core	Mottled dark brown	Hard smooth	Slightly chipped	Neo-BA	Irregular, possibly reused as a hammerstone
2	411	Preh Colluvium	2	Core	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Minimally reduced
2	412	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	413	Preh Colluvium	2	Core	Translucent light grey	Hard smooth	Slightly chipped	Neo-BA	Globular multi-platformed
2	414	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	415	Preh Colluvium	2	Flake fragment	Translucent light grey	None	Slightly chipped	Undated	
2	416	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	417	Preh Colluvium	2	Squat' flake	Mottled dark brown	Slightly weathered thick rough	Slightly chipped	MBA-IA	Irregular
2	418	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
2	419	Preh Colluvium	2	Shattered cobble	Translucent dark brown	Hard smooth	Slightly chipped	Undated	
2	420	Preh Colluvium	2	Flake	Mottled dark brown	Hard smooth	Slightly chipped	MBA-IA	Irregular
2	421	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Badly struck
2	422	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	Badly struck
2	423	Preh Colluvium	2	Flake	Semi-opaque light	None	Good	Neo-BA	

					grey				
2	424	Preh Colluvium	2	Flake	Semi-opaque light grey	None	Slightly chipped	Neo-BA	
2	425	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Opposed platform narrow flake
2	426	Preh Colluvium	2	Flake	Mottled light grey	None	Chipped	Meso-EBA	Possibly serrated almost blade-like flake
2	427	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Neo-BA	Globular multi-platformed
2	428	Preh Colluvium	2	Shattered cobble	Mottled dark brown	Hard smooth	Slightly chipped	Undated	
2	429	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Large
2	430	Preh Colluvium	2	Blade-like flake	Mottled dark/light grey	None	Chipped	Meso/ENeo	Very small
2	431	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
2	432	Preh Colluvium	2	Flake fragment	Translucent light grey	Hard smooth	Slightly chipped	Undated	
2	433	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
2	435	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	436	Preh Colluvium	2	Chip	Translucent dark brown	Hard smooth	Slightly chipped	Undated	
2	438	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	minimal
2	439	Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	
2	440	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	Neo-BA	Fairly narrow
2	441	Preh Colluvium	2	Chip	Translucent light grey	None	Good	Undated	
2	443	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Meso-EBA	Well struck
2	444	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	445	Preh Colluvium	2	Flake	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
2	446	Preh Colluvium	2	Flake	Semi-opaque light grey	None	Slightly chipped	Meso-EBA	Distal missing -possible blade / blade-like
2	447	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	448	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	449	Preh Colluvium	2	Squat' flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
2	450	Preh Colluvium	2	Flake	Translucent dark grey	Heavily recorticated	Good	Undated	

						thermal surfaces			
2	451	Preh Colluvium	2	Flake	Translucent dark grey	None	Good	Undated	Small
2	452	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Good	Undated	
2	453	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Very squat, possibly utilized
2	454	Preh Colluvium	2	Squat' flake	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
2	455	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	MBA-IA	Very hinged
2	457	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Bullhead bed	Slightly chipped	Undated	
2	458	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Chipped	MBA-IA	
2	459	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Meso-EBA	
2	461	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 7g
2	462	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Chipped	Neo-BA	
2	463	Preh Colluvium	2	Flake	Translucent dark grey	Hard smooth	Slightly chipped	Neo-BA	
2	464	Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
2	465	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
2	466	Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Globular multi-platformed
2	467	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
2	468	Preh Colluvium	2	Core	Mottled dark brown	Hard smooth	Slightly chipped	MBA-IA	minimal
2	469	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
2	471	Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Thick but fairly narrow
2	473	Preh Colluvium	2	Decortication flake	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	Undated	
2	474	Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	minimal
2	476	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 24g
2	Bulk	Preh Colluvium	2	Flake	Translucent dark grey	Hard smooth	Good	Neo-BA	
2	Bulk	Preh Colluvium	2	Squat' flake	Translucent dark grey	Hard smooth	Slightly chipped	MBA-IA	
2	Bulk	Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Disintegrated core

2	Bulk	Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
2	Bulk	Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
2	Bulk	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	Bulk	Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
2	Bulk	Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
2	Bulk	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	Bulk	Preh Colluvium	2	Flake fragment	Mottled dark/light grey	None	Lightly burnt	Undated	
2	Bulk	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
2	Bulk	Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	
2	Bulk	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	
2	Bulk	Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	
2	Bulk	Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Five fragments of heavily burnt flint weighing 256g
11		P12	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	Rather squat
11		P12	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Possibly sporadically serrated long right margin
13		P14	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
13		P14	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 57g
21		P22	2	Decortication flake	Translucent light grey	Hard smooth	Chipped	Undated	Partially disintegrated
21		P22	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
21		P22	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 14g
23		P24	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Rather squat
23		P24	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
23		P24	2	Retouched flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Edge-trimmed flake
23		P24	2	Squat' flake	Mottled dark/light grey	None	Good	MBA-IA	
23		P24	2	Flake	Semi-opaque light grey	None	Slightly chipped	Neo-BA	
23		P24	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Seven fragments of heavily burnt flint weighing 249g

25		P26	2	Flake fragment	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	Fragment of large flake
25		P26	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	Flake with inverse basal retouch - ?wedge
25		P26	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Three fragments of heavily burnt flint weighing 132g
31		P32	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 59g
35		PMed Colluvium	3	Flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
35		PMed Colluvium	3	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	
35		PMed Colluvium	3	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 10g
40	1	Preh Colluvium	2	Retouched flake	Translucent dark grey	None	Slightly chipped	EBA	Barbed and tanged arrowhead
40		Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	
40		Preh Colluvium	2	Retouched flake	Translucent dark grey	Hard smooth	Slightly chipped	MBA-IA	Notched flake / concave scraper
40		Preh Colluvium	2	Squat' flake	Translucent dark grey	Slightly weathered rough but thin	Chipped	MBA-IA	
40		Preh Colluvium	2	Decortication flake	Mottled dark brown	Hard smooth	Slightly chipped	Undated	Badly struck
40		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
40		Preh Colluvium	2	Flake fragment	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
40		Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Meso-EBA	Rod / fabricator
40		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Chipped	MBA-IA	
40		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Possibly utilized
40		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 35g
42	<2>	Preh Colluvium	2	Chip	Translucent dark grey	None	Chipped	Undated	
42	<2>	Preh Colluvium	2	Chip	Mottled dark/light grey	None	Good	Undated	
42	<2>	Preh Colluvium	2	Chip	Mottled dark/light grey	None	Slightly chipped	Undated	
42		Preh Colluvium	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Incipient recortication
42		Preh Colluvium	2	Decortication flake	Translucent dark brown	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	Rather squat
42		Preh Colluvium	2	Flake	Translucent dark brown	Hard smooth	Good	Neo-BA	

42		Preh Colluvium	2	Blade-like flake	Translucent light grey	None	Slightly chipped	Meso/ENeo	
42		Preh Colluvium	2	Flake	Translucent light brown	Hard smooth	Good	Neo-BA	
42		Preh Colluvium	2	Squat' flake	Translucent light brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
42		Preh Colluvium	2	Decortication flake	Mottled dark brown	Hard smooth	Good	Neo-BA	
42		Preh Colluvium	2	Decortication flake	Mottled dark brown	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
42		Preh Colluvium	2	Flake fragment	Mottled dark brown	Hard smooth	Good	Undated	
42		Preh Colluvium	2	Squat' flake	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
42		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	?Opposed platform blade core
42		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Narrow flake keeled
42		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Globular multi-platformed
42		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Minimally reduced, recorticated
42		Preh Colluvium	2	Core rejuvenation flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso/ENeo	Core tablet
42		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
42		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Rather squat
42		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
42		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Good	MBA-IA	Badly struck
42		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
42		Preh Colluvium	2	Flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	Meso-EBA	Facetted platform
42		Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Good	Neo-BA	
42		Preh Colluvium	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	
42		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	
42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Very badly detached
42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	

42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
42		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
43	<1>	Preh Colluvium	2	Prismatic blade	Translucent dark grey	None	Good	Meso/ENeo	Medial segment microblade
43	<1>	Preh Colluvium	2	Prismatic blade	Translucent light grey	Hard smooth	Slightly chipped	Meso/ENeo	Distal end
43		Preh Colluvium	2	Chip	Translucent dark grey	None	Slightly chipped	Undated	
43		Preh Colluvium	2	Decortication flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
43		Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	Badly struck
43		Preh Colluvium	2	Decortication flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
43		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Almost blade-like
43		Preh Colluvium	2	Flake	Translucent dark grey	Hard smooth	Slightly chipped	Neo-BA	Thermally flawed
43		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
43		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Narrow, reasonably well struck
43		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Badly struck
43		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Undated	
43		Preh Colluvium	2	Flake	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Decortication flake	Translucent light grey	Relatively fresh thermal surfaces	Slightly chipped	Neo-BA	Facetted platform
43		Preh Colluvium	2	Flake fragment	Translucent light grey	None	Slightly chipped	Undated	
43		Preh Colluvium	2	Non-prismatic blade	Translucent light grey	None	Slightly chipped	Meso-EBA	Not prismatic but probably systematic
43		Preh Colluvium	2	Non-prismatic blade	Mottled light grey	None	Good	Meso-EBA	Thick
43		Preh Colluvium	2	Squat' flake	Mottled light grey	Heavily recorticated thermal surfaces	Good	MBA-IA	
43		Preh Colluvium	2	Flake	Mottled dark brown	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
43		Preh Colluvium	2	Flake	Mottled dark brown	Slightly weathered rough	Slightly chipped	Neo-BA	Reasonably well struck

						but thin			
43		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Rather squat
43		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Narrow
43		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
43		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Good	Undated	
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Badly struck
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Badly struck
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Badly struck
43		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Good	MBA-IA	
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Large and very badly detached
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered thick rough	Good	Meso-EBA	cf rejuvenation flake removing front of ?blade core
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
43		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
43		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Narrow but thick, possibly utilized
43		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Undated	Facetted platform cf platform edge chip or scraper basal retouch
43		Preh Colluvium	2	Flake fragment	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	
43		Preh Colluvium	2	Flake fragment	Mottled dark/light grey	None	Lightly burnt	Undated	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Good	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	

43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
43		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
43		Preh Colluvium	2	Core	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Irregular with two platforms
43		Preh Colluvium	2	Flake	Semi-opaque light grey	None	Good	MBA-IA	
43		Preh Colluvium	2	Flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Possibly utilized
43		Preh Colluvium	2	Flake fragment	Semi-opaque light grey	None	Slightly chipped	Undated	
43		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	36 fragments of heavily burnt flint weighing 814g
44	<3>	Preh Colluvium	?	Chip	Translucent light grey	None	Good	Undated	
44	<3>	Preh Colluvium	?	Chip	Translucent light grey	None	Good	Undated	
44	<3>	Preh Colluvium	?	Flake fragment	Translucent light grey	None	Slightly chipped	Undated	
47		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Chipped	MBA-IA	Large, badly struck
47		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
47		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
47		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	MBA-IA	Large, badly struck, ventral mostly comprises a thermal scar
47		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Possible use-damage along distal end
47		Preh Colluvium	2	Squat' flake	Semi-opaque light grey	Hard smooth	Slightly chipped	MBA-IA	
52		PH51	2	Flake fragment	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
71		P72	2	Flake	Translucent light brown	None	Chipped	Neo-BA	
71		P72	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 37g
73		PH74	2	Core	Mottled dark/light grey	Slightly weathered rough	Slightly chipped	MBA-IA	minimal

						but thin			
73		PH74	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Badly struck
73		PH74	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 51g
79		PH80	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Six fragments of heavily burnt flint weighing 100g
82		PH82	2	Flake	Translucent light grey	None	Slightly chipped	Neo-BA	
82		PH82	2	Flake fragment	Translucent light grey	None	Slightly chipped	Undated	
82		PH82	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of moderately burnt flint weighing 7g
86		PH87	2	Core	Translucent dark grey	Hard smooth	Slightly chipped	MBA-IA	Keeled minimally reduced
86		PH87	2	Flake fragment	Translucent dark brown	Slightly weathered rough but thin	Slightly chipped	Undated	
86		PH87	2	Flake	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
86		PH87	2	Flake	Mottled dark brown	Heavily recorticated thermal surfaces	Chipped	Neo-BA	
86		PH87	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	single platform
86		PH87	2	Decortication flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	MBA-IA	Thick flake
86		PH87	2	Decortication flake	Mottled dark/light grey	Hard smooth	Chipped	Neo-BA	
86		PH87	2	Decortication flake	Mottled dark/light grey	Bullhead bed	Chipped	Undated	
86		PH87	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Large chunky flake
86		PH87	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Narrow but thick
86		PH87	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	large notched flake
86		PH87	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	MBA-IA	
86		PH87	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Possibly retouched proximal end??
86		PH87	2	Decortication flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Chipped	Undated	Large chunky flake
86		PH87	2	Flake	Semi-opaque light grey	Hard smooth	Chipped	Neo-BA	Possibly utilized
86		PH87	2	Squat' flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	

86		PH87	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	19 fragments of heavily burnt flint weighing 625g
88		P89	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Ventral is predominantly thermally detached
88		P89	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Undated	
88		P89	2	Squat' flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	MBA-IA	
88		P89	2	Squat' flake	Mottled dark/light grey	Hard smooth	Good	MBA-IA	
88		P89	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Three fragments of heavily burnt flint weighing 35g
90		PH91	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Chipped	Meso-EBA	
90		PH91	2	Decortication flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Small, thick
90		PH91	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Thick
90		PH91	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
90		PH91	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Three fragments of heavily burnt flint weighing 151g
94		PH95	2	Decortication flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	Undated	
94		PH95	2	Flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	Neo-BA	
96		PH97	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Minimal irregular
96		PH97	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	single
96		PH97	2	Flake	Mottled dark/light grey	None	Good	MBA-IA	Ventral is predominantly thermally detached
100		P180	2	Flake	Translucent dark grey	Hard smooth	Chipped	Neo-BA	
100		P180	2	Retouched flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Coarse denticulate
100		P180	2	Flake fragment	Unknown	Slightly weathered rough but thin	burnt	Undated	
100		P180	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Six fragments of heavily burnt flint weighing 183g
101		P102	3	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Lightly burnt	Undated	Core fragment?
101		P102	3	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
101		P102	3	Squat' flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Possibly utilized
101		P102	3	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	
104		P103	2	Flake	Mottled dark brown	None	Slightly chipped	Neo-BA	

106		P105	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Narrow, almost blade-like
108		P107	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 21g
114		P113	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Four fragments of heavily burnt flint weighing 278g
116		P115	2	Flake	Mottled dark/light grey	None	Chipped	Neo-BA	
116		P115	2	Non-prismatic blade	Mottled dark/light grey	Hard smooth	Chipped	Meso-EBA	Cortical
118		P117	2	Flake	Translucent dark grey	None	Slightly chipped	Neo-BA	
118		P117	2	Flake	Mottled dark brown	Slightly weathered rough but thin	Chipped	MBA-IA	Badly struck
118		P117	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
118		P117	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 74g
119		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	single platform minimally worked
119		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Chipped	MBA-IA	Thick
119		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Thick
119		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 10g
120		Preh Colluvium	2	Conchoidal chunk	Mottled light grey	Hard smooth	Slightly chipped	Undated	Disintegrated core
120		Preh Colluvium	2	Squat' flake	Mottled dark brown	None	Slightly chipped	MBA-IA	
120		Preh Colluvium	2	Squat' flake	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
120		Preh Colluvium	2	Blade-like flake	Mottled dark/light grey	None	Slightly chipped	Meso-EBA	
120		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Minimally reduced
120		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Meso-EBA	Narrow
120		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Possibly utilized
120		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	Undated	Large, almost 'quartering' piece, some undeveloped Hertzian cones on ventral
120		Preh Colluvium	2	Flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
120		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Six fragments of heavily burnt flint weighing 112g
121		Preh Colluvium	2	Decortication	Translucent dark grey	Heavily recorticated	Slightly chipped	Neo-BA	Possibly utilized

				flake		thermal surfaces			
121		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Thin
121		Preh Colluvium	2	Squat' flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
121		Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Good	MBA-IA	
121		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
121		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
121		Preh Colluvium	2	Flake	Semi-opaque light grey	None	Good	MBA-IA	Badly struck
122		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Five fragments of heavily burnt flint weighing 74g
123		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Narrow but very thick with multi-direction DSs
123		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 51g
124		P125	2	Flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	Small
124		P125	2	Decortication flake	Translucent light brown	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Fairly narrow
124		P125	2	Flake	Translucent light brown	Heavily recorticated thermal surfaces	Chipped	Neo-BA	Thin
124		P125	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
124		P125	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Irregular thick flake
124		P125	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
124		P125	2	Decortication flake	Mottled dark/light grey	None	Good	Neo-BA	Fairly narrow
124		P125	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	Irregular thick flake
124		P125	2	Decortication flake	Mottled dark/light grey	Hard smooth	Chipped	Undated	
124		P125	2	Flake	Mottled dark/light grey	None	Good	MBA-IA	Small
124		P125	2	Flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	
124		P125	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
124		P125	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	Distal end of large flake. Recorticated
124		P125	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Undated	

124		P125	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
124		P125	2	Non-prismatic blade	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	fortuitous
124		P125	2	Squat' flake	Mottled dark/light grey	Hard smooth	Lightly burnt	MBA-IA	
124		P125	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
124		P125	2	Flake	Opaque white cherty flint with black speckling	None	Slightly chipped	Neo-BA	Large, thick, not well-struck. Odd distinctive RM
124		P125	2	Decortication flake	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
124		P125	2	Decortication flake	Semi-opaque light grey	Slightly weathered rough but thin	Good	Neo-BA	
124		P125	2	Flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
124		P125	2	Flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Possibly utilized
124		P125	2	Non-prismatic blade	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
124		P125	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	22 fragments of heavily burnt flint weighing 457g
126		P127	2	Conchoidal chunk	Mottled dark/light grey	None	Good	Undated	
126		P127	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Large chunky flake
126		P127	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
126		P127	2	Retouched flake	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Coarse denticulate
126		P127	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
126		P127	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
126		P127	2	Conchoidal chunk	Semi-opaque light grey	None	Slightly chipped	Undated	
126		P127	2	Flake	Semi-opaque light grey	None	Good	MBA-IA	Narrow but badly struck
126		P127	2	Non-prismatic blade	Semi-opaque light grey	None	Good	Undated	Thick, chipping along arête?
126		P127	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Three fragments of heavily burnt flint weighing 21g

128		P129	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	
128		P129	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Thin
128		P129	2	Shattered cobble	Mottled dark/light grey	Heavily recorticated thermal surfaces	Good	Undated	Fragmented angular chunk
128		P129	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Four fragments of heavily burnt flint weighing 147g
130		P131	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Good	Neo-BA	
130		P131	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	
130		P131	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	Small, narrow
130		P131	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	Thin
130		P131	2	Decortication flake	Translucent dark grey	Heavily recorticated thermal surfaces	Good	Undated	
130		P131	2	Flake fragment	Translucent dark grey	Heavily recorticated thermal surfaces	Good	Undated	
130		P131	2	Flake fragment	Translucent dark grey	Slightly weathered rough but thin	Good	Undated	
130		P131	2	Squat' flake	Translucent dark grey	Slightly weathered rough but thin	Good	MBA-IA	Laterally split
130		P131	2	Decortication flake	Translucent light grey	Hard smooth	Good	Undated	Incipient recortication
130		P131	2	Squat' flake	Banded opaque dark brown	Relatively fresh thermal surfaces	Slightly chipped	MBA-IA	
130		P131	2	Conchoidal chunk	Mottled dark/light grey	None	Good	Undated	
130		P131	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
130		P131	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	Small
130		P131	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Squat', possibly utilized
130		P131	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
130		P131	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
130		P131	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	

130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
130		P131	2	Flake	Mottled dark/light grey	None	Good	Neo-BA	
130		P131	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	thin
130		P131	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	Large chunky flake
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Large chunky flake
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Thin
130		P131	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
130		P131	2	Flake	Mottled dark/light grey	None	Slightly chipped	Undated	Small
130		P131	2	Flake fragment	Mottled dark/light grey	None	Good	Undated	
130		P131	2	Flake fragment	Mottled dark/light grey	None	Good	Undated	
130		P131	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Undated	
130		P131	2	Flake fragment	Mottled dark/light grey	Slightly weathered rough but thin	Good	Undated	
130		P131	2	Non-prismatic blade	Mottled dark/light grey	Hard smooth	Good	Neo-BA	Cortical
130		P131	2	Non-prismatic blade	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
130		P131	2	Squat' flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	
130		P131	2	Flake	Opaque speckled light grey	Slightly weathered rough but thin	Good	MBA-IA	
130		P131	2	Flake	Opaque speckled light grey	None	Slightly chipped	Neo-BA	
130		P131	2	Flake	Opaque speckled light grey	None	Slightly chipped	Neo-BA	

130		P131	2	Flake	Opaque speckled light grey	None	Slightly chipped	Neo-BA	Thin
130		P131	2	Flake	Opaque speckled light grey	None	Slightly chipped	Neo-BA	
130		P131	2	Flake fragment	Opaque speckled light grey	None	Good	Neo-BA	
130		P131	2	Flake fragment	Opaque speckled light grey	None	Slightly chipped	Neo-BA	
130		P131	2	Non-prismatic blade	Opaque speckled light grey	None	Slightly chipped	Meso-EBA	
130		P131	2	Non-prismatic blade	Opaque speckled light grey	None	Slightly chipped	Neo-BA	
130		P131	2	Flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Possibly utilized
130		P131	2	Non-prismatic blade	Semi-opaque light grey	None	Slightly chipped	Meso-EBA	
130		P131	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 32g
132		P133	2	Squat' flake	Translucent dark grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
132		P133	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
132		P133	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 39g
136		P137	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	Relatively narrow and thin
136		P137	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
136		P137	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 27g
138	437	P139	2	Axe	Mottled dark/light grey	None	Good	Meso	Transverse axe/adze fragment, weighs 149g
138		P139	2	Flake	Translucent dark grey	Hard smooth	Slightly chipped	Neo-BA	Large chunky flake, possibly notched on distal
138		P139	2	Decortication flake	Translucent light grey	Heavily recorticated thermal surfaces	Good	Undated	
138		P139	2	Flake	Translucent light grey	None	Slightly chipped	Meso-EBA	Thin, well struck, recorticated
138		P139	2	Flake	Translucent light grey	None	Slightly chipped	Neo-BA	

138		P139	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	MBA-IA	
138		P139	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Large: 70x75x19mm
138		P139	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Badly struck
138		P139	2	Flake	Mottled dark/light grey	None	Slightly chipped	MBA-IA	Badly struck
138		P139	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Badly struck
138		P139	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
138		P139	2	Shattered cobble	Mottled dark/light grey	Bullhead bed	Slightly chipped	Undated	Split cobble with undeveloped Hertzian ones
138		P139	2	Core rejuvenation flake	Opaque white cherty flint with black speckling	None	Good	Meso-EBA	Transverse across the face, possibly a transverse sharpening flake
138		P139	2	Non-prismatic blade	Semi-opaque light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Very thick
138		P139	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 46g
140		Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	Squat edge retouched
140		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Good	Undated	
140		Preh Colluvium	2	Conchoidal chunk	Opaque speckled light grey	None	Good	Undated	
140		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Five fragments of heavily burnt flint weighing 134g
141		Preh Colluvium	2	Squat' flake	Semi-opaque light grey	None	Slightly chipped	MBA-IA	
141		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 16g
142		Preh Colluvium	2	Decortication flake	Translucent dark grey	Slightly weathered rough but thin	Chipped	Undated	
142		Preh Colluvium	2	Flake	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
142		Preh Colluvium	2	Squat' flake	Mottled dark brown	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	
142		Preh Colluvium	2	Squat' flake	Mottled dark brown	None	Slightly chipped	MBA-IA	
142		Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Disintegrated core

142		Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Relatively fresh thermal surfaces	Slightly chipped	Undated	Thin thermally fractured angular fragment with undeveloped Hertzian cones
142		Preh Colluvium	2	Core	Mottled dark/light grey	Relatively fresh thermal surfaces	Good	MBA-IA	
142		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
142		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Narrow
142		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	None	Good	MBA-IA	
143		Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	Disintegrated core
143		Preh Colluvium	2	Flake	Mottled dark/light grey	Bullhead bed	Slightly chipped	Neo-BA	
143		Preh Colluvium	2	Flake fragment	Mottled dark/light grey	None	Good	Undated	
144		Preh Colluvium	2	Core	Translucent dark grey	Heavily recorticated thermal surfaces	Good	MBA-IA	Minimal
144		Preh Colluvium	2	Flake	Mottled dark brown	Bullhead bed	Chipped	Neo-BA	
144		Preh Colluvium	2	Conchoidal chunk	Mottled dark/light grey	None	Slightly chipped	Undated	Disintegrated core
144		Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Semi-globular
144		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
144		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
144		Preh Colluvium	2	Non-prismatic blade	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
144		Preh Colluvium	2	Conchoidal chunk	Unknown	Slightly weathered rough but thin	Burnt	Undated	Disintegrated core
144		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Four fragments of heavily burnt flint weighing 76g
146		Preh Colluvium	2	Core tool	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Chopping tool
147		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
147		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
150		Preh Colluvium	2	Flake	Translucent dark brown	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Badly struck
150		Preh Colluvium	2	Core	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	minimally reduced from two platforms at right angles
150		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	

150		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Slightly weathered rough but thin	Lightly burnt	Undated	
150		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
150		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Three fragments of heavily burnt flint weighing 94g
151		Preh Colluvium	2	Flake	Translucent dark grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
151		Preh Colluvium	2	Decortication flake	Mottled dark brown	Relatively fresh thermal surfaces	Chipped	MBA-IA	
151		Preh Colluvium	2	Core	Mottled dark/light grey	Bullhead bed	Slightly chipped	MBA-IA	Minimally reduced
151		Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	Minimally reduced
155		P154	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 71g
156		P157	2	Flake	Translucent dark grey	Hard smooth	Chipped	Meso-EBA	
156		P157	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
156		P157	2	Flake fragment	Mottled dark/light grey	None	Slightly chipped	Meso-EBA	
156		P157	2	Squat' flake	Semi-opaque light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
156		P157	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Six fragments of heavily burnt flint weighing 159g
158		Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	
158		Preh Colluvium	2	Flake fragment	Translucent dark grey	None	Chipped	Undated	
158		Preh Colluvium	2	Flake	Mottled dark brown	None	Slightly chipped	Neo-BA	Badly struck
158		Preh Colluvium	2	Squat' flake	Mottled dark brown	Hard smooth	Slightly chipped	MBA-IA	
158		Preh Colluvium	2	Core	Mottled dark/light grey	Hard smooth	Slightly chipped	Neo-BA	Single platform
158		Preh Colluvium	2	Flake	Mottled dark/light grey	None	Slightly chipped	Meso-EBA	
158		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	
158		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
158		Preh Colluvium	2	Squat' flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
158		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt flint weighing 61g
159		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Possibly deliberately denticulated

160		Preh Colluvium	2	Flake	Translucent light grey	Slightly weathered rough but thin	Chipped	Neo-BA	
160		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Chipped	Undated	
160		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	Has undeveloped Hertzian cones from attempts at reduction
161		Preh Colluvium	2	Core	Mottled light grey	None	Slightly chipped	Neo-BA	multiplatform
161		Preh Colluvium	2	Core	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	MBA-IA	minimally worked
161		Preh Colluvium	2	Core tool	Mottled dark/light grey	Hard smooth	Slightly chipped	MBA-IA	Chopping tool
161		Preh Colluvium	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Good	Neo-BA	
162		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Four fragments of heavily burnt flint weighing 225g
165		P163	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 44g
166		P167	2	Flake	Mottled light grey	None	Slightly chipped	Undated	small
166		P167	2	Flake fragment	Mottled light grey	None	Slightly chipped	Undated	
166		P167	2	Flake fragment	Mottled light grey	None	Slightly chipped	Undated	
166		P167	2	Decortication flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Undated	
166		P167	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
166		P167	2	Flake	Mottled dark/light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	
166		P167	2	Flake	Mottled dark/light grey	None	Slightly chipped	Neo-BA	
166		P167	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Ventral is predominantly thermally detached
166		P167	2	Flake	Mottled dark/light grey	None	Slightly chipped	Undated	Small
166		P167	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Four fragments of heavily burnt flint weighing 87g
171		Preh Colluvium	2	Decortication flake	Translucent dark brown	Hard smooth	Good	Neo-BA	
171		Preh Colluvium	2	Flake fragment	Translucent dark brown	Slightly weathered rough but thin	Chipped	Undated	
171		Preh Colluvium	2	Squat' flake	Mottled dark brown	Slightly weathered rough but thin	Slightly chipped	MBA-IA	
171		Preh Colluvium	2	Squat' flake	Semi-opaque light grey	Hard smooth	Slightly chipped	MBA-IA	
171		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	Two fragments of heavily burnt

									flint weighing 17g
172		Preh Colluvium	2	Shattered cobble	Mottled dark/light grey	Hard smooth	Slightly chipped	Undated	
172		Preh Colluvium	2	Burnt flint	Unknown	Uncertain	Burnt	Undated	One fragment of heavily burnt flint weighing 28g
173		Preh Colluvium	2	Decortication flake	Translucent light grey	Heavily recorticated thermal surfaces	Slightly chipped	Neo-BA	Badly struck
173		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	Large chunky flake
174		Preh Colluvium	2	Decortication flake	Translucent dark grey	Hard smooth	Slightly chipped	Undated	
175		Preh Colluvium	2	Flake	Mottled dark/light grey	Slightly weathered rough but thin	Chipped	Neo-BA	Large, narrow
176		Preh Colluvium	2	Retouched flake	Mottled dark/light grey	Slightly weathered rough but thin	Slightly chipped	Neo-BA	Edge-trimmed flake

Lithic Appendix 02 - Cores

Context	Ref	Feature	Phase	Type	Platforms	Weight	Description
1		Post-preh colluvium	3	Flake	Single	61	Many irregularly shaped flakes removed from around one edge of a thermally fractured nodular fragment. Possible coarsely denticulated core tool?
1		Post-preh colluvium	3	Flake	Minimal	80	Angular thermally fractured nodular fragment, possibly 'quartered' with a very few broad flakes detached. Numerous undeveloped Hertzian cones
1		Post-preh colluvium	3	Flake	Multiplatformed	82	Small nodule with a few broad flakes removed from many directions resulting in a 'globular' shape
1		Post-preh colluvium	3	Flake	Multiplatformed	98	Angular thermally fractured nodular fragment with few broad flakes detached mostly from one direction and a few from the 'back'
1		Post-preh colluvium	3	Flake	Keeled	174	Large cobble with many broad flakes removed from many directions but concentrating along one end with many keeled removals
1		Post-preh colluvium	3	Flake	Minimal	177	Large angular thermally fractured nodular fragment, with a very few broad flakes detached.
2	41	Preh Colluvium	2	Flake	Minimal	366	A few broad flakes removed from a flaked platform on one side of an angular thermally shattered nodular fragment
2	44	Preh Colluvium	2	Flake	Minimal	209	A few broad flakes removed from a flaked platform on one side of an angular thermally shattered nodular fragment
2	45	Preh Colluvium	2	Flake	Minimal	318	Large angular thermally fractured nodular fragment, possibly 'quartered' with a very few broad flakes detached.
2	50	Preh Colluvium	2	Flake	Keeled	101	A number of broad flakes removed from two direction on the end of a nodular cobble
2	58	Preh Colluvium	2	Flake	Single	39	Thermally shattered nodular fragment with a few broad flakes removed from thermal scar
2	59	Preh Colluvium	2	Flake	Single	96	Nodular fragment with broad flakes removed from a flaked platform
2	70	Preh Colluvium	2	Flake	Centripetal	78	Many variably shaped flakes removed from around the edge of a thermally fractured nodular fragment. Possible core-tool?
2	84	Preh Colluvium	2	Flake	Minimal	42	Angular chunk with a few broad flakes removed from one side
2	151	Preh Colluvium	2	Flake	Minimal	69	Thermally fracture nodular fragment with a very few flakes removed from one end
2	167	Preh Colluvium	2	Flake	Multiplatformed	84	Weathered small nodule with flakes removed from many directions
2	174	Preh Colluvium	2	Flake	Minimal	438	Large thermally fractured weathered nodular fragment with a single flake removed and many undeveloped Hertzian cones
2	181	Preh Colluvium	2	Flake	Minimal	272	Odd shaped nodule with a few flakes removed from one end
2	191	Preh Colluvium	2	Flake	Multiplatformed	145	Small nodule with many broad flakes removed from many directions resulting in a 'globular' shape
2	197	Preh Colluvium	2	Flake	Minimal	71	Large flake or quartered nodule with a few broad flakes removed from ventral surface
2	198	Preh Colluvium	2	Flake	Multiplatformed	160	Angular thermally fractured nodular fragment with few broad flakes detached mostly from one direction and a few from the 'back'
2	206	Preh Colluvium	2	Flake	Minimal	99	Angular thermal chunk with a possibly single flake removed
2	207	Preh Colluvium	2	Flake	Keeled	199	Angular chunk with flakes removed keel style from one end. partially disintegrated
2	239	Preh Colluvium	2	Flake	Minimal	146	Many variably shaped flakes removed from around the edge of a thermally fractured nodular fragment.

2	247	Preh Colluvium	2	Flake	Minimal	117	A few variably shaped flakes removed from around the edge of a thermally fractured nodular fragment.
2	256	Preh Colluvium	2	Flake	Multiplatformed	218	Large rounded cobble with broad flakes removed from many directions
2	258	Preh Colluvium	2	Flake	Single	124	Large rounded cobble with broad flakes removed from along one side
2	263	Preh Colluvium	2	Flake	Multiplatformed	104	Small nodule with many broad flakes removed from many directions resulting in a 'globular' shape
2	266	Preh Colluvium	2	Flake	Minimal	62	Thermal spall or large flake with a possibly single flake removed from 'ventral' side
2	269	Preh Colluvium	2	Flake	Single	84	Angular cobble fragment with a few small flakes removed from along one side
2	281	Preh Colluvium	2	Flake	Single	129	nodular fragment with broad flakes removed from a flaked platform at one end
2	292	Preh Colluvium	2	Flake	Multiplatformed	114	Several irregularly shaped flakes removed from at least two direction on a thermally fragmented nodular fragment that has started to disintegrate
2	293	Preh Colluvium	2	Flake	Centripetal	123	Many variably shaped flakes removed from around the edge of both faces of a thermally fractured lenticular chunk that has started to disintegrate
2	299	Preh Colluvium	2	Flake	Minimal	90	Thermally shattered angular chunk with a few broad flakes removed
2	307	Preh Colluvium	2	Flake	Minimal	16	Small chunk with one or two broad flakes removed
2	314	Preh Colluvium	2	Flake	Minimal	19	Small chunk with one or two broad flakes removed
2	318	Preh Colluvium	2	Flake	Minimal	226	Angular weathered nodular fragment with a few flakes removed from one side, possibly partially disintegrated
2	342	Preh Colluvium	2	Flake	Single	99	Several variably shaped flakes removed from angular chunk. Numerous undeveloped Hertzian cones
2	355	Preh Colluvium	2	Flake	Single	103	Thermally split cobble with a number of flakes removed from break. has started to disintegrate
2	364	Preh Colluvium	2	Flake	Multiplatformed	61	Several variably shaped flakes removed from angular chunk. Numerous undeveloped Hertzian cones
2	366	Preh Colluvium	2	Flake	Single	42	Angular chunk with a number of flakes removed from the 'front'. Numerous undeveloped Hertzian cones
2	380	Preh Colluvium	2	Flake	Multiplatformed	49	Extensively reduced from numerous direction
2	381	Preh Colluvium	2	Flake	Minimal	74	Angular chunk, possibly 'quartered', with a few broad flakes removed from one end
2	382	Preh Colluvium	2	Flake	Minimal	110	Small nodule with a few flakes removed from either end
2	403	Preh Colluvium	2	Flake	Two at right angles	162	Angular thermal fragment with many flakes removed from the 'front and attempts at creating another platform at right angles to this
2	409	Preh Colluvium	2	Flake	Multiplatformed	116	Extensively reduced removing broad flakes from multiple platforms and possibly reused as a hammerstone o pounder
2	411	Preh Colluvium	2	Flake	Minimal	36	Small thermal spall with a small number of flakes removed from one end
2	413	Preh Colluvium	2	Flake	Multiplatformed	119	Rounded cobble with numerous flakes removed from many directions resulting in a globular core
2	425	Preh Colluvium	2	Blade?	Multiplatformed	75	Small nodule with narrow flakes removed from a number of directions, but appears to have been originally designed and worked as an opposed platform (blade) core
2	427	Preh Colluvium	2	Flake	Multiplatformed	133	Thermally fragmented nodular fragment with numerous flakes removed from many directions resulting in a globular core
2	438	Preh Colluvium	2	Flake	Minimal	339	Large angular thermally fractured nodule fragment, possibly 'quartered', with a few broad flakes removed from

							one side
2	466	Preh Colluvium	2	Flake	Multiplatformed	34	Extensively reduced with mostly broad flakes removed from numerous directions. Numerous undeveloped Hertzian cones
2	468	Preh Colluvium	2	Flake	Minimal	52	Large flake with single flake removed from ventral surface
2	474	Preh Colluvium	2	Flake	Minimal	37	Potlid spall, possibly a struck, with a single flake removed from 'ventral'
2		Preh Colluvium	2	Flake	Minimal	195	A few broad flakes removed from different direction from an angular thermally shattered nodular fragment
42		Preh Colluvium	2	Blade	Opposed	28	Has started to disintegrate but appears to have opposed oblique platforms and worked from front and one side
42		Preh Colluvium	2	Flake	Keeled	44	Nodular fragment with narrow flakes removed from a well prepared keeled platform
42		Preh Colluvium	2	Flake	Minimal	103	Thermally split nodule, possibly 'quartered', with a few narrow flakes removed from one end. Scars have recorticated
42		Preh Colluvium	2	Flake	Multiplatformed	147	Small nodule with a number of broad flakes removed from several directions
43		Preh Colluvium	2	Flake	Two separate	92	Angular thermally shattered nodule fragment with a small number of broad flakes removed from two separate locations
73		PH74	2	Flake	Minimal	66	Angular nodule fragment, possibly a 'quartered' piece, with a few flakes removed from one direction
86		PH87	2	Flake	Single	175	Rounded cobble with a few flakes removed from a single cortical platform at one end
86		PH87	2	Flake	Keeled	178	Rounded cobble with a few flakes removed from a keeled platform at one end
96		PH97	2	Flake	Single	64	Large flake or 'quartered' piece with many broad flakes removed from the 'ventral' on one side
96		PH97	2	Flake	Minimal	79	Angular cobble fragment with a few small flakes removed from along one side
119		Preh Colluvium	2	Flake	Single	251	Nodular cobble with a few flakes removed from a single flaked / keeled platform at one end
120		Preh Colluvium	2	Flake	Minimal	26	Flaked-off 'horn' with a few earlier flake scars and a single flake removed from ventral
121		Preh Colluvium	2	Flake	Centripetal	117	Several irregularly shaped flakes removed from around the edges of a thermal scar of a nodular fragment
142		Preh Colluvium	2	Flake	Centripetal	74	Several irregularly shaped flakes removed from around the edges of a thermally fractured nodular fragment. Possible core tool?
142		Preh Colluvium	2	Flake	Keeled	136	A number of broad flakes removed from two direction on the end of a nodular cobble
144		Preh Colluvium	2	Flake	Minimal	122	A few broad flakes removed from a weathered nodular fragment
144		Preh Colluvium	2	Flake	Multiplatformed	142	Extensively reduced from numerous direction
150		Preh Colluvium	2	Flake	Two at right angles	153	Thermally fractured nodular fragment with a small number of flakes removed at right angles from one end
151		Preh Colluvium	2	Flake	Minimal	41	Angular thermally fractured nodular fragment with a few flakes removed from one end
151		Preh Colluvium	2	Flake	Minimal	69	Angular cobble, possibly a large flake or 'quartered' piece, with a few flakes removed from one end
158		Preh Colluvium	2	Flake	Single	112	Split cobble, possibly deliberately, with a number of broad flaked removed from inner surface at one end
161		Preh Colluvium	2	Flake	Minimal	79	Angular thermal fragment, possibly a shattered core, that has had a further flake removed
161		Preh Colluvium	2	Flake	Multiplatformed	94	Extensively reduced with many flakes removed from numerous directions

Lithic Appendix 03 – Tools

Context	Ref	Feature	Form	Type	Class	L (mm)	B (mm)	W (mm)	Description
1		Post-preh. colluvium	Core-tool	Scraper	Circular	36	32	20	Potlid spall with substantial steep scalar retouch around all of perimeter forming slightly denticulated scraper
1		Post-preh. colluvium	Flake	Denticulate	Coarse	37	37	13	Fairly squat flake with irregular inverse coarse denticulations cut into right margin. Proximal end removed/missing. Light to moderate wear
1		Post-preh. colluvium	Flake	Scraper	end-and-side	36	30	12	Fairly squat flake with irregular slightly denticulated medium steep scalar retouch around slightly convex distal. Light to moderate wear
2	28	Preh. colluvium	Flake	Edge retouched	Steep	29	29	11	Fairly squat flake with fine steep retouch around part of right margin, accentuating cortex 'backing'?. Light wear
2	71	Preh. colluvium	Core-tool	Denticulate	Coarse	62	52	26	Wedge shaped thermal chunk with steep retouch forming coarse to fine denticulation one edge. Light use
2	117	Preh. colluvium	Flake	Scraper	end-and-side	33	28	10	Thick flake with fine steep slightly denticulated retouch along both margins and around distal. Moderate wear.
2	128	Preh. colluvium	Flake	Piercer	Irregular	61	36	15	Large cortical flake shaped by inverse removal of several large flakes around perimeter and converging distal finely flaked into sturdy blunt piercer Moderate to heavy wear cf fabricator end
2	153	Preh. colluvium	Flake	Scraper	end	41	32	5	Thin well struck flake with fine moderately steep scalar retouch around part of its convex distal end. Light to moderate wear
2	160	Preh. colluvium	Flake	Notch	Side	33	44	17	Squat flake with a flake removed on left margin forming concave hollow with some retouch in centre. Minimal wear
2	218	Preh. colluvium	Core-tool	Denticulate	Coarse	60	43	24	Thermal chunk, possibly a large flake, with a series of inverse notches along one edge possibly forming a coarse denticulate. Minimal wear
2	235	Preh. colluvium	Blade	Serrate	Unilateral	>34	19	5	Prismatic blade with fine serration c. 12 per 10mm along left margin. Some inverse fine ?blunting along right margin. Distal missing. Light to moderate wear
2	290	Preh. colluvium	Flake	Piercer	Spurred	54	58	22	Thick primary flake with steep scalar retouch forming a sharp but sturdy point on the right margin. Light to moderate wear
2	306	Preh. colluvium	Core-tool	Chopper	chopper	66	64	34	Irregular but roughly wedge shaped thermally fractured fragment with bifacial flaking accentuating a chopping type edge. Also has retouched notch - ?fingerhold?. Light wear

23		P24	Flake	Edge retouched	Steep	>22	40	10	Thick flake with inverse poorly executed steep scalar retouch along right margin. Minimal wear
25		P26	Flake	Basally retouched		57	41	9	Large relatively thin flake with inverse shallow scalar retouch around base - ?wedge
40	1	Preh. colluvium	Flake	Arrowhead	Barbed and tanged	32	25	5	Complete, finely made with all-over flaking on both faces, lightly convex lateral margins and squared-off tang and barbs (types C:F) that form a slightly concave base. Small Green Low type. Weighs 2.8g
40		Preh. colluvium	Blade	Rod	fabricator	>35	17	11	Medial section of a thick blade with very steep extensive scalar retouch along both margins forming a 'D' sectioned rod, probably a fabricator
40		Preh. colluvium	Flake	Notch	Side	>36	36	13	Fairly squat flake with wide notch / concave scraping edge 24mm by 4mm deep cut into right margin
86		PH87	Flake	Notch	Side	62	56	17	large cortical flake with some blunting of edges and a large notch formed by a negative bulbar scar and possible some use-wear
100		P180	Flake	Denticulate	Coarse	35	43	12	Squat flake with several other flakes removed from both the ventral and dorsal faces forming a jagged edged flake. Also several undeveloped Hertzian cones on ventral face
126		P127	Flake	Denticulate	Coarse	43	47	16	Squat flake with small flakes removed linearly along distal and inversely along part of proximal end. Moderate wear
138	437	P139	Core-tool	Axe/adze	transverse	>83	57	>28	Blade end of a transversely sharpened flaked axe. It has been carefully flaked all-over and at its cutting end at least has a symmetrical bi-convex cross section. It has a prominently hinged transverse snap, probably caused through bending during use. It weighs 149g
140		Preh. colluvium	Flake	Edge retouched	Steep	36	36	9	Relatively squat flake with fine steep slightly denticulated retouch along part of right margin. Light wear
146		Preh. colluvium	Core-tool	Denticulate	Coarse	70	55	22	Lenticular shaped implement with shallow flaking confined mostly to one side (cf crude axe) with coarse to fine denticulation along three edges. Possibly used for chopping. Possibly snapped
161		Preh. colluvium	Core-tool	Denticulate	Coarse	61	52	25	Wedge shaped thermal chunk with shallow retouch forming a sharp but gently denticulated edge along its end and concave steeper retouch forming a notch along one side. Light wear
176		Preh. colluvium	Flake	Edge retouched	Steep	37	40	12	Flake with fine steep scalar retouch on slightly concave left margin near proximal end and very fine inverse steep scalar retouch on straight part of left margin near distal end. Light wear, some possible rounding to hinged distal termination

Appendix 3 - Pottery Assessment (Mike Seager Thomas)

The pottery assemblage from KTBW14 comprises 26 sherds weighing approximately 100 grams. Owing to the condition of the assemblage, which consists of small, abraded and featureless sherds only, the absence of any clear relationships within it, and the fact that it is mixed chronologically, its dating must rest on external analogy, with the result that for some sherds it is imprecise. That said, it is likely that five different pottery traditions and periods are represented within it. Earliest are three soft, grog tempered sherds. These are best paralleled regionally in the Collared Urn/ Food vessel tradition, dating to the Early Bronze Age. The bulk of the assemblage (16 sherds) is Late Bronze Age in date. The evidence for this lies in a suite of fine to coarse flint tempered sherds (fabrics VFF, FMF, MF and MCF), which as a group are characteristic of early post Deverel-Rimbury traditions in southeast England. Sherds in these fabrics are all thin (<9mm thick), which is also a characteristic of the tradition. Less certain is the date of five sherds in a soft shelly fabric. In some parts of the southeast, these would also fit comfortably within the post Deverel-Rimbury tradition. Shelly fabrics, however, are absent from assemblages belonging to the tradition from nearby sites, such as that from the villa, and present in a Late Iron Age/ early Romano-British one from Greys, just across the river. The best parallel from the region known to the author is in a group of Middle Iron Age pots from the Lee Valley. There are also individual sherds of unambiguous Roman and Anglo-Saxon date (the latter chaff tempered — C).

Owing to its condition and mixing, this assemblage has little intrinsic interest. It is striking however that so many traditions are represented in so small an assemblage, and this is of importance to our understanding of the site, which was close to pottery using occupations belonging to all these periods and provided a catchment for material from them.

Context	***No of sherds***	***Fabric(s)***	***Comments***	***Date***
US	*3*	*S*	*Later first millennium BC (FMBC)-fabric type*	*MIA or LIA/RB*
2	*1*	*RB sandy*	*SF4*	*RB*
	1	*MF*	*Post Deverel Rimbury (PDR)-fabric type*	*LBA*
11	*1*	*MF*	*PDR-fabric type*	*LBA*
	1	*S*	*Later FMBC-fabric type*	*MIA or LIA/RB*
23	*4*	*MCF*	*PDR-fabric type*	*LBA*
	1	*S*	*Later FMBC-fabric type*	*MIA or LIA/RB*
43	*0*	*-*	*bog iron (discarded)*	*ND*
62	*1*	*MF*	*PDR-fabric type*	*LBA*
64	*1*	*FMF*	*PDR-fabric type*	*LBA*
88	*0*	*-*	*daub (2), lime mortar (1)(discarded), soot-soaked burnt natural (1) (discarded)*	*ND*
104	*1*	*MCF*	*PDR-fabric type*	*LBA*
118	*1*	*C*	*Earlier Saxon-fabric type*	*Anglo Saxon*
	1	*G*	*Collared Urn/ food vessel-fabric type*	*EBA*
156	*1*	*MCF*	*PDR-fabric type*	*LBA*
	2	*G*	*Collared Urn/ food vessel-fabric type*	*EBA*
165	*4*	*MF*	*PDR-fabric type*	*LBA*
166	*2*	*VFF*	*FMBC-fabric type*	*LBA*
Total	*26*	*S=shelly; MF=medium flint tempered; MCF=medium to coarse flint tempered; FMF=fine to medium flint-tempered; C=chaff tempered; G=grog tempered; VFF=very fine flint tempered*		

Pottery from KTBW14

Appendix 4 – Environmental Assessment (Marta Pérez)

INTRODUCTION

This report summarises the findings from the assessment of bulk and pollen/spores samples taken from a ditch during an excavation at Tylers, Brent Way, Dartford. The aim of this environmental assessment is to provide an overview of the samples and to reconstruct the environmental history of the site and its environs.

METHODOLOGY

A 54cm column sample with potential for environmental reconstruction was taken during the excavations of the site. Initially the column was described using standard procedures for recording unconsolidated and organic sediments, noting the physical properties (colour), composition (gravel, sand, clay, silt and organic matter) and inclusions (Tröels-Smith, 1955). The procedure involved: (1) cleaning the samples with a spatula or scalpel blade and distilled water to remove surface contaminants; (2) recording the physical properties, most notably colour using a Munsell Soil Colour Chart; (3) recording the composition; gravel, sand, silt and clay (4) recording the degree of peat humification and (5) recording the unit boundaries e.g. sharp or diffuse.

The column sample was subsampled every 10cm for pollen and spore analysis. The samples were processed in Chatham, Greenwich University campus, and extensively treated to extract microfossils by physical and chemical treatments using KOH, HCL and acetolysis techniques (Moore *et al*, 1991). Known numbers of *Lycopodium* spores were added to subsamples at the earliest stage to assess pollen concentrations. Due to the high content of mineral matter in the samples, these were treated with Sodium polytungstate to separate the organic from the mineral matter, prior to the acetolysis (Dr. Haggart, pers comm). The prepared samples were mounted in glycerine jelly with safranin stain and counted: both conventional pollen counts and spore counts.

Both the pollen and spore data were recorded using an Olympus binocular microscope at x400 magnification. The pollen grains were identified using the keys in Moore et al (1991) and a photographic reference collection. Fungi were identified using the published illustration and descriptions of Van Geel (1978) and Blackford *et al* (forthcoming). Fungi and other non-pollen microfossils are identified taxonomically where possible and fungal catalogue. Type numbers are shown and their ecological affinities are shown where these are known or may be inferred from previous research.

After these subsamples were taken, the column sample was divided into two samples (where two different context were visible): 1) from 0 -25 cm, a 1.5L sample and 2) from 25 to 54cm, a 2L sample. Both were floted for plant and macrofossil analysis. A 300 µm mesh was used to

capture the flot (light fraction) and a 1mm mesh for the residue (heavy fraction). The residues were dried, sieved at 1, 2 and 4mm mesh sizes and then sorted to retrieve artefacts and un-floated organic remains which were then bagged and labelled. The abundance of each class of artefacts was recorded and entered into the database. After drying the flots were scanned for material under a binocular microscope and the results recorded.

Flots were scanned for the presence of charred grain, chaff, weed seeds, charcoal, molluscs and other environmental remains. These were recorded on a non-linear scale to denote 'abundance': - Occasional (up to 5 items), 2- fairly frequent (5-25), 3- frequent (25-100), 4-abundant (>100). A note was also made of all other inclusions ie. Modern plant fibres, coal, slag etc.

Residues were scanned for the presence of charred plant remains and artefacts. The smaller soil fractions were scanned with a magnet to find hammer-scale and/or metal work. When the residue was sorted and all the finds extracted, the rest of de sediment was discarded. A similar non-linear scale denoting abundance was applied, and a note made on each context record.

RESULTS

Lithostratigraphy

Very uniform sediment along the 54cm column samples, without strong stratigraphic boundaries. 10yr 5/6 yellowish brown silty clay. From 25cm downwards there are medium to large inclusions, rounded pebbles and the sediment is a bit sandier than above. For this reason the column is divided in two bulk samples for flotation. The sediment is not very organic.

Pollen

The results of the pollen assessment indicate that the pollen concentration and preservation was very poor throughout the assessed column sample. Hardly any pollen grains were recovered from the subsamples. Most of the pollen grains were very damaged and broken and only very few could be identified. The main pollen grains found were those of Poaceae (grasses) and Lactuceae (dandelion family). These grains are particularly resistant to decay and thus it is likely that they were over-represented in these samples. As a result of this, no comment can be made on the vegetation history of the site through pollen analysis.

Spores (Fig. 1)

Fungal remains, most often their spores, are an important part of the 'non-pollen' information in peat deposits. They are potential indicators of specific ecological (e.g. wetness), substrate (e.g. specific host plants, decaying organic matter, including dung) and also soil/vegetation

disturbance (Van Geel, 1978; Yeloff *et al*, 2007). However, NPPs are still overlooked in the study of palynological assemblages and their indicative value is still debated. This is partly due to the lack of accuracy of identification of the remains ('types') that limit the possibilities for linking fossil data with the corresponding living organisms' ecology (Cugny *et al.*, 2010).

Agricultural societies and domesticated animals have created a range of new habitats for fungi. Consequently the myco-flora of settlement sites and the surrounding cropland, pastures and hay meadows reflects these land uses and land cover changes with different fungal assemblages relative to the original, undisturbed natural ecosystems (Van Geel *et al*, 2011).

Spores were presented in all of the subsamples except at 31.5cm, also they were poorly preserved at the top of the sequence. The data show that Polydosporites are the most abundant spores through the sequence. It is very likely that these are Sordariales type that have grouped together in chains and groups. These together with *Sporormiella* (Type 113), and Sordariales (type 55A, type 351 and type 366) are the most robust indicators of grazing activities, their presence in dung indicates that herbivores were present in the immediate environment of the site (Cugny *et al*, 2010). More evidence for anthropogenic activities, animals and soil erosion is the presence of *Glomus* cf. *fasciculatum* (Argant *et al*, 2006). This spore also shows human and animal trampling pressure (Ejarque *et al*, 2011). The continuous presence of dung related spores suggest that animals and people were in the sample area through time.

The diagram also shows that Chlamydospores, type 12 are very abundant throughout the entire profile. These spores can be very abundant as they can subdivide in three different varieties. These spores are found in leaves of *Calluna* and *Ericales* (Van Geel, 1978a). There are other spores present associated with heather such as *Conidia* type 10, type 20 and type 303 spores (Blackford *et al*, forthcoming).

Woodland and grassland are also represented by some of the spores in the sequence. *Pleospora* type 3B has been found in peat in phases of regenerating *Corylus* woodland and it has showed a clear affinity for woodland, whilst type 98 and type 359 have been found in a range of trees such as: *Betula* (birch), *Quercus* (oak), *Fagus* (beech), *Pinus* (pine) and *Prunus* (plum, cherry, *etc*.). The grassland area is not well represented there are small percentages of spores related to grazing and grasses such as type 306 and *Puccina* sp type 357, both very common in Poaceae and *Carex* (Blackford, *et al*, forthcoming). This together with the percentages of *Sporormiella* and Sordariales suggest a localised record of grazing at the sampling site, rather than in the general area as do some other well-dispersed pollen taxa.

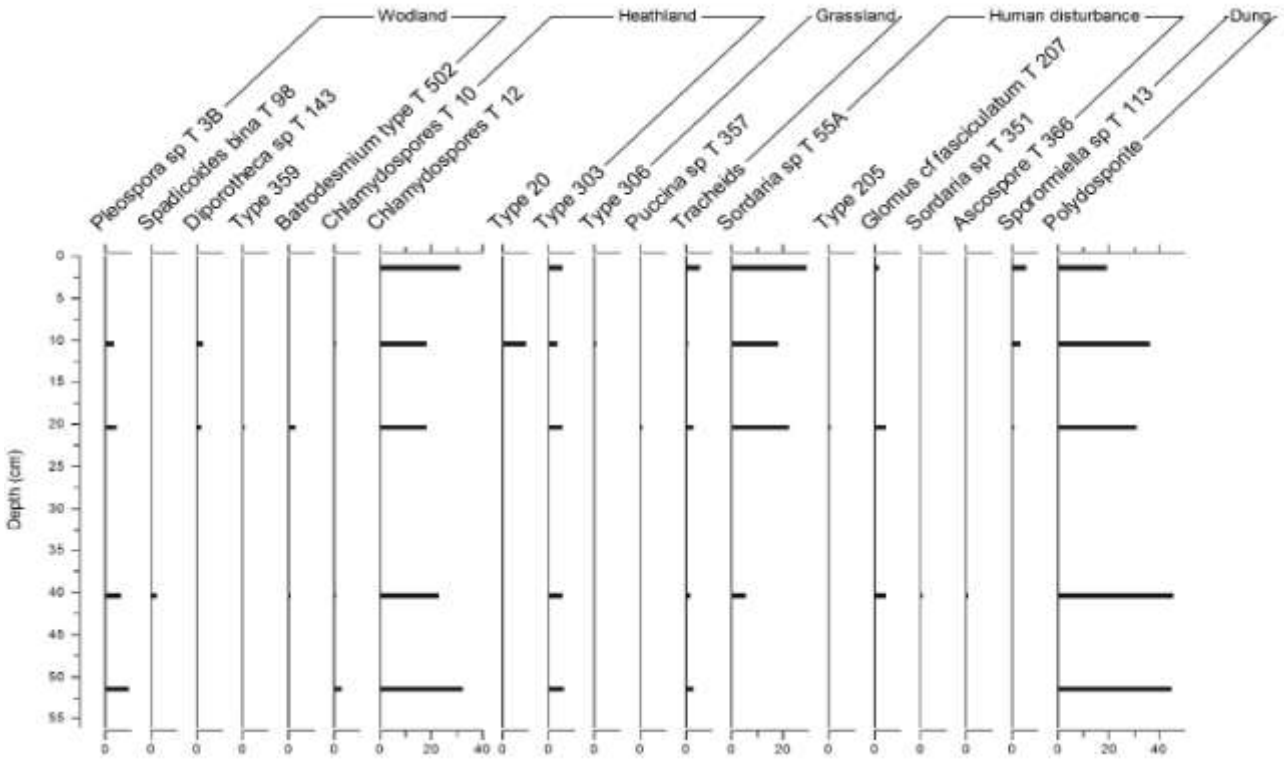

Figure 1: Spore diagram for KTBW 14

Plant macrofossils

The two bulk samples produced very poor flots (less than 1ml in volume each). Both contained few fragments of wood charcoal, they fragments too small to be identified and some roots. Overall they did not produce any environmental significance.

Residues

Nothing was recovered from the residues.

CONCLUSIONS

This report has shown that a multi-approach analysis is most useful to obtain information about the changes in landscape and environs of the site. Where some techniques fail others can continue to provide a a useful environmental picture.

The spore assemblage shows a landscape where grazing and and other human activities were taking place with a possible wood and heathland nearby.

No further work is recommended on these samples but it is recommended that the limited environmental picture optained from the available data is adequately referenced in the forthcoming publication text.

REFERENCES

Argant, J., Lopez-Saez, J. A. & Bintz, P. 2006. Exploring the ancient occupation of a high altitude site (Lake Lauzon, France): Comparison between pollen and non-pollen palynomorphs. *Review of Palaeobotany and Palynology*, 141, 151-163.

Blackford, J. J., Ryan, P. A., Van Geel, B., Innes, J. B. & Long, D. (forthcoming). A preliminary key to fungal microfossils found in Quaternary sediments.

Cugny, C., Mazier, F. & Galop, D. 2010. Modern and fossil non-pollen palynomorphs from the Basque mountains (western Pyrenees, France): the use of coprohilous fungi to reconstruct pastoral activity*. Vegetation History and Archaeobotany,* 19, 391-408*.*

Ejarque, A., Miras, Y. & Riera, S. 2011. Pollen and non-pollen palynomorph indicators of vegetation and highland grazing activities obtained from modern surface and dung datasets in the eastern Pyrenees*. Review of Palaeobotany and Palynology,* 167, 123-139.

Tröels-Smith, J. (1955) Karakterisering af løse jordater (Characterisation of unconsolidated sediments), *Danm. Geol. Unders., **Ser IV* **3**, 73.

Van Geel, B. 1978. A palaeoecological study of Holocene peat bog sections in Germany and The Netherlands, based on the anysis of pollen, spores and macro- and microscopic remains of fung, algae, cormophytes and animals. *Review of Palaeobotany and Palynology,* 25**,** 1-20.

Van Geel, B., Gelorini, V., Lyaruu, A., Aptroot, A., Rucina, S., Marchant, R., Sinninghe Damste, J. S. & Verschuren, D. 2011. Diversity and ecology of tropical Africna fungal spores from a 25,000 year palaeoenvironmentla record in southeastern Kenya. *Review of Palaeobotany and Palynology,* 164**,** 174-190.

Van Geel, B. 1978a. A palaeoecological study of Holocene peat bog sections in Germany and the Netherlands. *Review of Palaeobotany and Palynology,* 25**,** 1-120.

Yeloff, D., Charman, D., Van Geel, B. & Mauquoy, D. 2007. Reconstruction of hydrology, vegetation and past climate change in bogs using fungal microfossils. *Review of Palaeobotany and Palynology,* 146**,** 102-145

Appendix 5 – Geoarchaeological Assessment

by Alan Slade

The deposits observed on site at Tylers, Brent Way, Dartford are similar in nature to the deposits recorded nearby at Crayford and Bakers Hole, Swanscombe. During a borehole survey carried out by the developers prior to the archaeological works a borehole was driven to a depth of 4.00m. The sampling revealed Thanet Sands, or the Thanet beds were present at 0.60m – 1.10m with a more clayey/silty Thanet Bed deposit at 1.10m – 1.90/2.00m which lay on top of the Seaford and Newhaven chalk formation.

The Thanet Beds are a sedimentary formation from southeast England of ca 50 – 60 myr in age. Above the chalk bedrock and underneath the London Clay the Thanet beds would have formed in shallow seas, primarily formed from gravels with inclusions of flint, muols, silts and sands.

Appendix 6 – OASIS form

OASIS ID: preconst1-225861

Project details

Project name	ASSESSMENT OF ARCHAEOLOGICAL INVESTIGATIONS ON LAND AT TYLERS, BRENT WAY, DARTFORD, KENT
Short description of the project	The report documents the results of an archaeological excavation undertaken by Pre-Construct Archaeology Ltd (PCA) on land formerly occupied by Tylers, Brent Way, Dartford, Kent. The excavation followed on from an archaeological evaluation which had identified Bronze Age postholes, pits and occupation layers. The archaeological investigations found that the earliest deposit on site was Seaford and Newhaven formation chalk bedrock, overlain by Thanet Beds. A brickearth layer was present in the central part of the site and variations in the natural geology suggested a valley occupied this part of the site. A large assemblage of prehistoric struck flint was collected during the archaeological investigations and indicates prehistoric activity occurring over a long period of time. A colluvial layer produced evidence of early activity on or near to the site, activity which commenced during the Mesolithic and continued into the Early Bronze Age. The early prehistoric activity most likely reflects transient hunter-gatherer groups occasionally visiting the site. The later prehistoric periods, specifically the Late Bronze Age and Iron Age, represented the main phase of activity on site and the lithic assemblages suggest that later prehistoric settlement and agricultural activity occurred near to the site. A number of pits broadly attributed to the Late Iron Age-Romano-British period, a Saxon pit, a number of undated pits and a colluvial deposit represented later activity on site, with the general absence suggesting that the site was only occasionally used from the end of the prehistoric period, through to the modern era.
Project dates	Start: 22-10-2014 End: 24-11-2014
Previous/future work	Yes / No
Type of project	Recording project
Site status	Local Authority Designated Archaeological Area
Current Land use	Other 3 - Built over
Monument type	COLLUVIUM Early Prehistoric
Monument type	PITS Late Bronze Age
Monument type	PITS Late Prehistoric
Monument type	PIT Early Medieval
Significant Finds	STRUCK FLINT Early Prehistoric
Significant Finds	STRUCK FLINT Late Bronze Age
Significant Finds	STRUCK FLINT Late Prehistoric
Significant Finds	POTTERY Late Prehistoric

Significant Finds	POTTERY Early Medieval
Investigation type	"Open-area excavation"
Prompt	Planning condition

Project location

Country	England
Site location	KENT DARTFORD DARTFORD Tylers, Brent Way, Dartford, Kent
Study area	0 Square metres
Site coordinates	TQ 5564 7414 51.444314509112 0.239855698087 51 26 39 N 000 14 23 E Point
Height OD / Depth	Min: 27.06m Max: 31.79m

Project creators

Name of Organisation	Pre-Construct Archaeology Ltd
Project brief originator	CgMs Consultants Ltd
Project design originator	Pre-Construct Archaeology Ltd
Project director/manager	Helen Hawkins
Project supervisor	Guy Seddon
Type of sponsor/funding body	Bellway Homes

Project bibliography 1

Publication type	Grey literature (unpublished document/manuscript)
Title	ASSESSMENT OF ARCHAEOLOGICAL INVESTIGATIONS ON LAND AT TYLERS, BRENT WAY, DARTFORD, KENT
Author(s)/Editor(s)	Seddon, G. and Taylor, J.
Date	2015
Issuer or publisher	Pre-Construct Archaeology
Place of issue or publication	London

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