APPENDIX A EVALUATION METHOD STATEMENT

1.0 INTRODUCTION

This document serves as the method statement for an archaeological evaluation of land to the east of Nosterfield Quarry. The evaluation will consist of a phased programme of archaeological fieldwork including non-invasive and invasive techniques designed to identify and assess the potential of any archaeological remains within the area of investigation.

1.1 LOCATION AND USE

The site consists of an area of approximately 40 hectares situated to the east of Nosterfield Quarry and Ladybridge Farm and to the north of the Thornfield Road. The area is predominately used for arable farming. The underlying geology consists of sands and gravels. According to the geological map, there is small deposit of peat on the eastern side of the area which clearly causes bad drainage and has been left under pasture in a small separate field which holds surface water.

1.2 PLANNING BACKGROUND

This archaeological investigation forms a predetermination evaluation in support of a planning proposal to extend Nosterfield Quarry eastwards over a 40 hectare area to the east of Ladybridge previously known as Halfmile Plain.

1.3 ARCHAEOLOGICAL BACKGROUND

The surrounding landscape formed the focus for large scale investment in monuments from the Neolithic period, and continued to be a centre for burial and ritual behaviour well into the Bronze Age. The majority of known prehistoric sites including the Thornborough Henges, cursus monuments and barrows are legally protected as Scheduled Ancient Monuments, whilst others, recognised from aerial photography, clearly form part of the same ritual landscape. Recent fieldwork in the area suggests that there was a division between the ritual and settlement areas with domestic activity kept at a distance of at least 600m from the henges, perhaps deliberately sited in places from which the monuments were not visible.

The wider area is also known to have been occupied by villa estates during the Roman period, and continued to be inhabited by several agricultural communities from the Early Medieval period through to the modern day. During this time nucleation and desertion of certain settlements led to the establishment of West Tanfield as the principal local settlement with the surrounding villages of Nosterfield and Thornborough established by at least the 13th century.

Evidence of archaeological activity in the area of proposed gravel extraction include possible peat deposits, a concentration of finds defined by fieldwalking and a number of linear and curvilinear cropmarks of unknown date. Previous fieldwork on Nosterfield Quarry has demonstrated that only the most substantial of archaeological features show as cropmarks, and that significant features such as pit alignments, pit groups, ring ditches and burials are only visible after topsoil stripping.

1.4 AIMS AND OBJECTIVES OF THE EVALUATION

The aim of the evaluation is to establish the character, quality, date and importance of archaeological deposits within the site. The results of the evaluation will form the basis of an archaeological mitigation strategy for the proposed development.

2.0 EVALUATION

The evaluation will consist of two phases of work. The first phase will be non-invasive, consisting of intensive fieldwalking

over all ploughed areas within the area of investigation, followed by a geophysical survey pilot study over known cropmarks and concentrations of finds defined by the fieldwalking. If the geophysical survey proves to be effective, the survey area will be extended. The second phase will consist of a scheme of trial trenching including large machine opened trenches and small hand-excavated trenches. The size, location and proportion of hand/machine excavated trenches will be based on the results of the first phase of the evaluation and will represent an approximate 2% sample of the area of investigation. The presence of peat deposits in the eastern part of the area will be the subject of an auger survey.

2.1 FIELDWORK PROCEDURE

Prior to any fieldwork being undertaken, a site grid based on the Ordnance Survey National Grid and Ordnance Survey Datum will be established. Survey stations will then be set out around the site using a total station theodolite to facilitate archaeological recording.

2.1.1 Phase 1 - Fieldwalking

A structured programme of intensive fieldwalking will be undertaken over all recently ploughed fields within the area of investigation. Individual fields will be divided into transects using ranging poles and guidelines. Each member of the fieldwalking team will be assigned a 2 metre strip within the transect to fieldwalk. All archaeological finds will be recovered. Each find will be bagged and flagged at the location it was identified. Finds will then be located using a Total Station Theodolite and allocated a finds number. This procedure will ensure complete coverage of accessible areas and that all finds are 3-D recorded.

All finds will be processed and identified. Distribution maps of finds and appropriate categories of finds will be prepared using AutoCAD software.

2.1.2 Phase 1 - Geophysical survey

A magnetometer survey pilot study using a fluxgate gradiometer will be undertaken in accordance with *Geophysical survey in archaeological field evaluation* (English Heritage 1995). Instrument readings will be logged at 1.0m x 0.5m intervals. The pilot study will consist of a 1 hectare sample of the site carried out as either a single area or a series of areas no smaller than 50m x 50m. The position of the pilot study survey area(s) will be agreed on completion of the fieldwalking programme and will be sited over known cropmarks and finds concentrations in order to test the effectiveness of geophysical survey on the site.

If the pilot study demonstrates that the magnetometer survey is capable of defining archaeological anomalies which have not been adequately defined by aerial photography and fieldwalking, the geophysical survey will be extended. Magnetometer scanning may be used to identify further areas which would be susceptible to this technique.

2.1.3 Phase 2 - Evaluation trenches

The size and location of a scheme of evaluation trenches would be agreed on completion of the first phase of the evaluation, based on the results of the fieldwalking and geophysical survey. The trenches would be set out in the agreed positions using a Total Station Theodolite.

Excavation Procedure

Topsoil will be removed mechanically from the areas of ground investigation. This will be done using a machine with a broad, smooth bladed ditching bucket. The removal of the topsoil will be done as an archaeological operation, under strict

archaeological supervision. The topsoil will be removed down to the top of the natural, or top of in-situ archaeological deposits, whichever is the higher. All excavated material will be scanned for finds.

If human burials are encountered, the remains will be recorded and where possible left *in situ*. The provisions of Section 25 of the Burial Act (1857) will be complied with.

Recording Procedure

A full written, drawn and photographic record will be made of all material recovered during the course of the evaluation. Archaeological deposits, features and structures will be recorded using a standard system of context and other record forms. A series of indexes, capable of interrogation, will be maintained for all site records. The planning of features will be at scales of 1:10, 1:20 or 1:50; sections will be recorded at a scale of 1:10. The photographic record will consist of 35mm colour and monochrome photography. Monochrome photography will be undertaken using silver-based film to ensure archival stability.

Environmental Evaluation Strategy

The principal aim of the Environmental Evaluation Strategy will be to assess the value, range, quality and potential of any archaeological environmental evidence present on the site. The evaluation will seek to characterise the nature of deposits and environmental assemblages, from different periods and context types, with an emphasis on establishing the environmental setting of settlement and industrial activity, understanding food preparation, rubbish disposal strategies, and the identification of ritual activity. The Environmental Evaluation Strategy will be implemented in accordance with *Environmental Archaeology: A guide to the theory and practice of methods from sampling and recovery to post-excavation* (English Heritage, Centre for Archaeology Guidelines 2002) and *Environmental Archaeology and Archaeological Evaluations: Recommendations concerning the environmental archaeology component of archaeological evaluations in England* (Association of Environmental Archaeology 1995).

A systematic environmental sampling method will be employed. Deposits which are clearly of a mixed/secondary origin such backfills or deposits which display a high degree of residual/intrusive artefactual material would not be the subject of environmental sampling. Where deposits are thought to be of primary origin and have potential to contain biological remains, the following sampling regime will be undertaken:

Coarse sieving samples will be collected from deposits which appear to contain primary and useful vertebrate and mollusc assemblages, and sieved using 10mm mesh to enhance recovery. An appropriate sample will be set by the Environmental Officer ranging from 10-100% of the excavated deposit.

Flotation samples will be collected from deposits which appear to contain small vertebrate and mollusc assemblages, charred plant remains, organic plant remains, cess and insect remains. Samples of 30 litres will be collected and processed using a water-recycling tank with rapid water-flow washover. A 1mm mesh will be used to recover the dense residue and a 300 micron mesh will be used to recover light fractions. 10 litres (*GBA*) will be retained for sub-sampling for paraffination for insects remains, and other specialist analyses (eg parasites, pollen etc), where deemed appropriate by the Environmental Officer.

Block samples (spitted soil columns, monoliths or kubienas) will be collected from undisturbed sequences which appear to have the potential for a dateable environmental sequence or information about deposit origin and grain structure and condition. These samples will be recovered by the projects Environmental Consultant.

The projects Environmental Consultant will be afforded the opportunity to visit the site during the fieldwork in order to assess the effectiveness of the Environmental Evaluation Strategy.

Finds Recovery and Treatment

All finds identified during excavation will be hand-collected and processed. Residues recovered as part of the Environmental Evaluation Strategy will be routinely sorted for cultural material and scanned with a magnet for small ferrous objects and hammerscale. Where deemed appropriate by the Project Manager, coarse sieving (10mm mesh) or bulk samples (1mm mesh) will be collected specifically for finds recovery, particularly for industrial residues.

Finds treatment will be undertaken in accordance with guidelines set down in *First Aid for Finds* (Watkinson and Neal 1998). Archive preparation will be undertaken in accordance with *Guidelines for the preparation of excavation archives for long-term storage* (Walker 1990). In accordance with guidelines laid down in MAP2, all metalwork and a samples of metallurgical residues will be submitted for X-radiography prior to assessment.

All wet-preserved artefacts will be treated in accordance with *First Aid for Finds* (Watkinson and Neal 1998), *Guidelines for the care of waterlogged archaeological leather* (1995) or *Waterlogged wood, guidelines on the recording, sampling, conservation and curation of structural wood* (1990).

2.1.4 Trial Pits

The number and position of trial pits will be agreed on completion of the first phase of the investigation. In some instances, trial pits will be excavated within the proposed areas of machine opened trenches. A series of trial pits will be hand excavated to assess the potential of flint concentrations defined during the fieldwalking programme. The trial pits will be excavated in spits with all excavated material being sieved through a 10mm mesh. A sample of each spit will also be sieved using 1mm mesh in order to recover microliths. Any archaeological features defined beneath the ploughsoil will be sampled in accordance with 2.1.3.

2.1.5 Auger survey

A small-core (30mm) hand auger survey will be undertaken at 20m intervals across the area of the site where peat deposits may be present. The aim of this survey will be to define the extent and produce a deposit model of any peat deposits in this area. A larger core (100mm) hand auger would then be used to recover samples of any deposit or sequence of deposits for environmental assessment.

2.2 ARCHIVE PREPARATION

After completion of the field investigation all records will be indexed, ordered, quantified and checked for consistency. Context, finds, sample and other paper-based records will be transferred to an integrated computer based system. The drawn record will be digitised in an appropriate format that will permit the output of standard AutoCAD type DXF files.

The archival record will include all material relating to the sites and their excavation including correspondence, written, drawn and computerized records. As part of the preparation for the post-excavation programme, the artefactual, ecofactual and samples will be quantified and described. In addition a site summary will be prepared.

Preliminary conservation and stabilization of objects will be undertaken prior to an assessment of long-term conservation and storage needs.

2.3 POST-EXCAVATION AND REPORTING PROCEDURES

Upon completion of the fieldwork, all finds, samples and stratigraphic information will be assessed for their potential for

further analysis. An evaluation report will be prepared. The report will include the archaeological and historical background of the area, fieldwork procedure, the results of the evaluation, the results of the specialist assessment, interpretation and phasing, illustrations (photographs, plans and sections) and assessment, and conclusions.

3.0 PROJECT TEAM

3.1 FIELD TEAM

Andrew Copp (Survey Project Manager) has been a director of Field Archaeology Specialists since its inception in 1993. He has a BA in Prehistory from the University of Sheffield and an MA in Field Archaeology from the University of Birmingham. Andrew has been involved in archaeological fieldwork since 1976 and has extensive survey experience, having acted as site surveyor/supervisor at Sutton Hoo, and undertaken numerous survey and reconnaissance programmes on a variety of projects including pipeline, road and housing construction and mineral extraction sites. Andrew taught the metric survey course and postgraduate survey and reconnaissance course at the University of York between 1988 and 2003. More recently, he has been involved in numerous building recording projects, having most recently completed a detailed measured survey (including plans, sections and elevations) of Ledston Hall, Boston Guildhall, Castle Sinclair Girnigoe and Stanningley Engineering Works.

Richard Jackson (Project Officer) joined Field Archaeology Specialists in 1999. He holds a BA in Archaeology from the University of York. Richard has been involved in archaeological projects for five years including work on the Tarbat Discovery Programme, evaluation and excavations on Transco pipelines and numerous rural and urban evaluations and excavations in northern Britain. Recently, he has been involved in evaluation programmes at Lowgate in Hull and Lawrence Street in York.

Stephen Rowland (Environmental Officer) joined Field Archaeology Specialists in 2002. He holds a BSc in Archaeology and a MSc in Human Palaeoecology from the University of York. Stephen has been involved in palaeoecology projects for five years including work the for Environmental Archaeology Unit of the University of York, Palaeoecology Research Services, the Abu Dhabi Islands Archaeological Survey, and the Dayr Mar Elian Archaeological Project, Syria. Stephen is currently working on palaeoecological assessment and analysis for Fishergate, York and a zooarchaeological assessment of the faunal assemblages from Castle Sinclair Girnigoe, Caithness, and the York Minster excavations on behalf of the York Archaeological Trust.

3.2 PROJECT SPECIALISTS

Stephen Carter (Environmental Consultant)
Stephen Rowland (Zooarchaeology)
Blaise Vyner (Prehistoric pottery)
Alan Vince (Roman and later pottery)
Peter Rowe (Lithics)
Cecily Spall (Ceramic Building Material)
Karen Barker (Conservation - non-organic)
YAT Conservation Laboratories (Conservation - organic)
Cecily Spall (Small finds research)
Malin Holst (Human remains)

4.0 HEALTH & SAFETY

4.1 RISK ASSESSMENT

In order to comply with the Management of Health and Safety at Work Regulations 1992, an assessment of risks will be undertaken prior to any fieldwork being undertaken. All fieldwork will be carried out in accordance with the FAS Health & Safety Policy as well as specific requirements set out in the project's Risk Assessment.

4.2 INDUCTION AND PROCEDURES

Prior to the commencement of fieldwork, all members of the project team will be inducted. This induction will include Health & Safety procedures including safe working practices, the use of PPE and First Aid and welfare facilities.

5.0 INSURANCE

Field Archaeology Specialists carry appropriate levels of Public Liability, Employers Liability and Professional Indemnity insurances.

APPENDIX B ASSESSMENT OF LITHIC MATERIAL

Peter Rowe

1.0 INTRODUCTION

This report summarises an assemblage of 408 lithic artefacts collected from various fieldwork interventions at Ladybridge Farm in 2003 and 2004. The entire assemblage has been catalogued using Microsoft Excel. The following variables have been catalogued: - raw material type, raw material colour, percentage of cortex, cortex type, percentage patina, type of artefact (e.g. flake, blade, core), interpretation (e.g. scraper, arrowhead), period, length, breadth, width, method of knapping, whether burnt, whether damaged. A summary of the material is presented in Table 1. Catalogues of the lithic material are presented in Appendix 1 and Appendix 2.

Table 1 Quantities of flint by intervention

Int. No.	Notes	No.
1	Surface collection from fieldwalking (see Section 2 below).	215
6	Small collection of lithics from test pits. Includes 3 utilised flakes and a small core with two platforms at right angles. The remainder being debitage, natural pebbles and unworked flakes and blades.	37
7	6 flakes and a piece of debitage. One flake with edge use. Also 63 small knapping debris chips (<10mm) recovered during sample processing.	70
9	Single piece of burnt debris.	1
10	8 small knapping debris chips (<10mm) and two larger flakes recovered during sample processing	10
14	3 utilised flakes, a piece of debitage with a retouched edge and 3 unworked pieces of debitage.	7
15	2 flakes, one with edge use.	2
16	Small collection including worked pieces (see Section 3 below).	8
17	A blade fragment and flake, both with utilised edges.	2
18	One utilised flake and four pieces of burnt debitage.	5
19	Small collection including worked pieces (see Section 4 below).	3
20	5 pieces of debitage, 2 proximal ends of blades and a worked flake.	8
21	3 pieces with edge use, a natural pebble, 2 unworked flakes and a piece of debitage.	7
22	5 pieces of debitage, a flake and a proximal end from a blade.	7
23	Small collection including worked pieces (see Section 5 below).	26
Total		**408**

The collections of material from Interventions 6, 7, 9, 14, 15, 17, 18, 20, 21, 22, 27, 32, 33, 36, 38, 39 and 42 have no chronologically diagnostic pieces and are not discussed further. The lithics from interventions 1, 16, 19 and 23 are discussed in turn below.

2.0 INTERVENTION 1 (Appendix 1)

2.1 RAW MATERIAL

This assemblage of 215 lithics was collected during fieldwalking. The material is largely composed of knapped flint although there are 25 pieces of chert, 1 piece of blue agate and a natural pebble of quartz.

The flint is very homogenous in character and other than a few red pieces consists of grey or light brown items often with

a range of different shades within one piece. The flint becomes opaque on finer flakes and is of a good quality with few flaws or fossils.

The chert amongst the assemblage is generally black, although grey and brown pieces are present. Of the chert 7 pieces are natural fragments. The remainder are knapped flakes lacking secondary working.

Very few items have any cortex. When this is present it is worn from glacial or wave action and extremely thin in section.

There are examples of characteristic Wolds flint, this being a light grey/creamy material. The remainder of the knapped stone is probably from glacial or beach pebbles.

2.2 POST-DEPOSITION DAMAGE

The material from the surface collection has light edge chipping consistent with damage caused by movement within a soil matrix. There is also a degree of plough damage, particularly on larger items. For this reason where items do not show consistent damage or retouch it is assumed that post-depositional factors are responsible for edge damage.

Very few pieces amongst the collection have any patina development. Where patina has developed it is normally the result of burning. There are 32 pieces from the fieldwalking collection showing various degrees of thermal damage by burning. The burnt pieces are usually heavily fired with all-over white or grey patination, thermal crazing, pot lid fractures and shattering, particularly along edges. Both tools and waste have been exposed to fire.

2.3 TECHNOLOGY

Assemblage composition

The majority of the assemblage consists of small flakes of flint or pieces of angular debitage. The composition of the assemblage is set out in Table 2.

Table 2 Assemblage composition

Type	**Quantity**	**Percentage**
Blades	17	8
Cores	5	2.3
Debitage	41	19
Irregular burnt pieces	22	10.2
Flakes	117	54.5
Natural pebbles	13	6
Total	**215**	**100**

The cores (Find nos 52, 76, 129, 203 and 936) vary in complexity and number of platforms but are all small examples based on pebbles or large pieces of waste. There are two single platform cores (Find nos 76 and 936) that are both well worked with evidence of platform rejuvenation. Find no 52 is a twin platform core with the platforms at right angles to each other. Find no 129 is based on a large flake and has multiple platforms on both sides and around its perimeter. The final core (Find no 203) is a fragment of a larger item reduced to a single platform.

2.4 TOOL TYPES

The basic tools present at the site are summarised in Table 3.

Table 3 Tool types from Intervention 1

Tool Type	Quantity	Find no.
Projectiles	5	209, 776, 1033, 1230.
Retouched pieces	10	276, 1211, 1267, 1534, 1560, 1623, 1692, 1737, 1803, 1855, 2086.
Scrapers	20	62, 193, 226, 230, 235, 356, 587, 858, 1091, 1332, 1338, 1400, 1536, 1558, 1699, 2191, 2199, 2217, 2223.
Utilised pieces	6	66, 625, 1067, 1128, 1330, 1335.
Total	**39**	

2.5 ARROWHEADS

Projectile points are the most distinctive artefact type amongst the collection but these are few. There is a small crude leaf-shaped arrowhead (Find no 209). It is well worked about the base and along one edge but appears to have been discarded during manufacture after pressure flaking failed along the remaining edge due to a more cherty inclusion in the raw material. This is a small rounded based example and fits Green's type 4A (Green 1980, 72). The leaf-shaped arrowhead is ubiquitous throughout the Neolithic and Early Bronze Age.

There are two transverse arrowheads, a petit-tranchet (Find no 1033) and a British oblique (Find no 1280). The petit-tranchet is based on a dark grey flake and is retouched along one edge and around the base. Unfortunately the opposite edge has been damaged with the break having a fresher surface than the lightly patinated body of the artefact. The British oblique arrowhead is made on a red-brown flake with abrupt retouch along one edge forming a sharp triangular point. The arrowhead is broken across the base and has a notch from modern damage on the un-trimmed side. The petit-tranchet arrowhead is present from at least the early Neolithic (Green 1980, 113) with oblique arrowheads appearing in the later 2nd millennium BC and continuing in use for several centuries (Green 1980, 114-5).

A single barbed and tanged arrowhead of red flint is present (Find no 776). The tip of the arrowhead is damaged and one of the tangs has fractured away. This artefact falls into Green's Sutton type B category (Green 1980, 117 & 122), i.e. it is small and has as square tang and standard barbs. Sutton type arrowheads span the full chronological period of the occurrence of barbed and tanged arrowheads (Green 1980, 138) although they do have a particular association with Beaker assemblages.

2.6 SCRAPERS

Scrapers are the dominant tool type from the site. This type of implement was the mainstay of the stone tool kit for several millennia and it is difficult to assess the subtle differences between different styles in terms of chronology. Table 4 attempts to summarise the different scraper morphologies from the fieldwalking collection: -

Table 4 Scraper morphology from Intervention 1

Scraper Type	Date range	Find nos	Quantity
Fragment only	Undiagnostic	25, 82, 102, 103, 240, 432, 483, 935, 974.	9
Larger unsymmetrical flake	Mesolithic – Bronze Age	49, 131, 651, 907.	4
Small end scraper on narrow flake or blade	Possibly early Neolithic	416, 1013, 1436.	3
Small circular or thumbnail type	Early Bronze Age	187, 200, 915, 1051, 1090, 1187.	6
		Total	**22**

Many of the scrapers are damaged fragments and it is not possible to define an exact category due to their incomplete nature (e.g. Find no 25). There are four larger flakes with no particular symmetry to the retouch. These could have been produced expediently at any period in prehistory (e.g. Find no 49). Although from a ploughsoil assemblage there is a character of small end scrapers based on narrow flakes or blades (e.g. Find no 1013) that may belong to the early Neolithic. The final category of thumbnail type scrapers dominates the small group (e.g. Find no 915 and Find no 1090). Even within this small sample there is a good deal of variance in this class of scraper from small examples to more robust examples. This class of artifact appears in the early Bronze Age and is a common feature of Beaker associated assemblages.

2.7 OTHER RETOUCHED OR UTILISED PIECES

There are 53 pieces with retouch or edge chipping occasioned by use. These usually take the form of small flakes or blades that have been utilised as cutting or scraping tools (e.g. Find no 220).
The following more specific and less frequent tools types are also present: -

Find no 109 - A flake of grey flint modified at the distal end to create an awl like point. This has become slightly polished through use. This artefact is based on a flake removal from a narrow blade core suggesting a date from the Mesolithic period.

Find no 285 - A burin made on a small flake of grey flint. Again these artefacts have a particular association with the Mesolithic period.

Find no 1211 - A long narrow blade (60mm x 16mm x 6mm) backed along both edges with abrupt retouch on the right edge and more invasive retouch at 45º on the left edge. This blade tool has close affinities with Mesolithic material from elsewhere in the region.

Find nos 20 and 1501 - Two examples of broken backed robust blades. Potentially Mesolithic in date.

Find no 1438 - An unusual chunk of debitage with a ground end. Perhaps used as a pestle. Chronologically undiagnostic.

Find no 111 - A small flake of grey flint with a prominent retouched notch at the distal end. Chronologically undiagnostic.

There is also a complete fabricator (Find no 972) and a broken off distal end from a second example (Find no 1326). The complete fabricator is based on a thick-ridged blade with a high degree of wear. These enigmatic tools were probably used for working materials such as leather from the early to later Neolithic. It has also been suggested that they may have been used as ‘strike-a-lights’ (Edmonds 1995, 41).

3.0 INTERVENTION 16 (Appendix 2)

This small collection of eight flint items is of interest as three retouched pieces are present, the remainder comprising a waste flake and four pieces of debitage. Two of the retouched pieces (Find nos 1563 and 1567) are fragments of larger items. Find no 1563 is too fragmentary for identification but Find no 1567 is a quarter of a scraper with retouch at 45º. The remaining worked item is a small thumbnail scraper (Find no 1568, C1137) dating from the early Bronze Age. The scraper is small with a 23mm diameter but at 11mm is fairly thick.

4.0 INTERVENTION 19

This assemblage of three flint items comprises a scraper, a core and a small piece of unworked debitage. The core (Find

no 1550, C1159) has a single, roughly circular platform with a maximum diameter of 37mm. The core has been worked around the entire circumference of the platform.

C1158 produced a further early Bronze Age thumbnail scraper (Find no 1548). This has been heavily fired and the ventral surface has fractured away. This example is slightly ovate measuring 21mm x 18mm.

5.0 INTERVENTION 23

This intervention produced 26 lithics comprising a leaf-shaped arrowhead, 2 end scrapers, a core fragment, 5 pieces with utilised edges, 6 pieces of debitage, 7 unworked flakes, 3 unworked blades and a natural pebble.

The leaf-shaped arrowhead (Find no 1589, C1191) from the intervention is a well-worked bi-facial example in a dull brown flint. The tip is damaged, potentially through use. The arrowhead measures 27mm x 21mm x 5mm and with its rounded distal end and high waist fits Green's type series 3A (Green 1980, 71).

The two scrapers (Find nos 1589, C1191 and Find no 1599, C1192) from the intervention are both undiagnostic, based on large unsymmetrical flakes with abrupt retouch at the distal ends.

The raw material from this assemblage is consistent with that described for Intervention 1 but includes a single flake of volcanic tuff of Langdale greenstone (Find no 1596, C1190). The distal end of the flake has a small remnant of a polished surface suggesting that it was knapped from a polished stone axe-head.

6.0 CONCLUSION

From the chronologically diagnostic pieces we can state with certainty that the landscape was in use from the Mesolithic through to the Bronze Age inclusive. There is a range of tools suggesting domestic and hunting activities throughout prehistory. Unfortunately the majority of the diagnostic pieces were retrieved from the ploughsoil and cannot be used to accurately date discrete features.

References

Edmonds, M. 1995. *Stone Tools and Society* (London)

Green, H.S. 1980. *The Flint Arrowheads of the British Isles*. BAR British Series. 75(i) (Oxford)

Appendix 1 Lithic material from Intervention 1

	RAW MATERIAL					TECHNOLOGY										
Find	Mat	F. Col.	Cort	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam	Notes
1	F	BR	50	CR R	0	FP				30	21	9	H	0		Unusual blade scars on ventral face
5	F	G	0		0	F				24	22	10	H	0	M RE	
10	F	G	0		0	F	USE	RE		24	22	6	S	0		
11	C	BL	0		0	F				25	25	8	H	0		
12	F	G	0		0	F	USE	RE		22	32	7	H	0		
13	F	?	0		G100	F				20	32	10	H	3	T	
14	F	BR	5	CR	0	B	USE	LE RE		22	12	4	S	0		
20	F	G	0		0	B	RET	LE RE	M?	29	17	9	H	0	M DE	
21	C	BL	0		0	FP				31	24	9	H	0	M RE	
24	F	BR-R	5	BR	0	BM	USE?	RE		15	11	2	S	0	M RE	
25	F	G-P	0		0	F	SCRAPER	LE		32	31	5	?	0	M	Fragment of broken scraper
26	F	?	0		G100	IB<35							?	3	T	
27	F	?	0		G100	BM				18	14	3	?	2	T	
28	F	?	20	CR	G100	F	RET	LE		35	28	11	H	3	T	Badly damaged retouced piece. Possibly scraper
29	F	G	0		0	F	USE	LE RE		32	19	6	S	0		
31	F	BR	0		0	F	USE?	RE		28	20	11	H	0	M LE	
34	F	G	0		0	F	USE	LE RE		18	12	4	S	0		
35	F	G	0		0	D<30							S	0		
36	F	G	0		0	B	NOTCH	RE		26	8	4	S	0		
38	C	BR	0		0	NP<35							N/A	0		
39	F	G	0		0	B	RET	RE		22	12	3	S	0	M RE	
42	F	?	0		G100	IB<20							SH	3	T	
44	F	G	0		0	F	USE	LE RE		20	20	4	S	0		
45	F	BR	0		0	F				14	16	3	H	0		
46	F	G	0		W90	F				25	26	7	H	2	T	
47	F	G	0		0	F	RET	LE		35	24	7	S	0	M RE	Possible ground end
48	F	G	0		0	F				20	23	5	H	0		
49	F	G	0		0	F	SCRAPER	E & E		44	30	8	H	0		
50	F	BR	0		0	F	USE	LE		30	18	3	S	0		
51	F	BR	35	CR	G50	D<25							SH	0		
52	F	G	15	BR	0	CORE 2				32	40	22	H	0		Fragment only
53	F	BR	50	CR	0	FP				25	28	8	H	0		
54	F	G	25	CR R	0	F				31	19	7	H	0		
61	F	BR	5	CR	0	F				31	26	8	H	0		
62	F	BR	0		0	F	USE	LE		22	16	5	H	0		
63	F	G	0		0	F				25	25	11	H	0		
65	F	BR	5	CR	0	D<30							SH	0		
71	F	BR	0		0	F	NOTCH	RE		25	16	5	H	0		
72	C	BR	0		0	FP				20	21	6	H	0		

	RAW MATERIAL					TECHNOLOGY										
Find	Mat	F. Col.	Cort	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam	Notes
73	Q	G	0		0	NP<25							N/A	0		
76	F	G	5	CR R	0	CORE 1				20	35	25	S	0		
82	F	BL	10	BR	0	F	SCRAPER	?		22	21	5	S	0	M?	Fragment only
84	F	BR	0		0	F				20	16	5	H	0		
102	F	G	0		0	F	SCRAPER	END		16	30	6	?	0	M	Fragment only
103	F	G	0		Y50	F	SCRAPER	RE		29	25	6	?	0	Y	Fragment only
107	F	G	0		0	F	USE	LE		32	21	5	S	0		
109	F	G	0		0	F	AWL	LE RE		40	24	5	H	0		Well used ground end
110	C	BR	0		0	NP<25							N/A	0		
111	F	BR	0		0	F	NOTCH	END LE		27	28	8	H	0		
115	F	BR	15	CR	0	F	USE	LE		32	35	11	H	0		
117	F	G	0		0	F				15	18	5	H	0		
118	F	BR	5	CR	0	F	RET	LE		31	42	9	H	0	Y	
120	F	G	5	CR	0	D<25							H	0		
124	F	G	0		0	F	USE	RE		19	17	2	S	0		
125	F	G	0		0	F	USE	RE		25	20	2	S	0	Y	
126	F	BR	0		0	F	USE	DE		14	25	8	H	0		
127	F	?	0		W100	F				18	16	5	H	2	T	
129	F	G	0		0	CORE M				17	34	14	S	0		
131	F	G	0		0	D<40	SCRAPER	E & E		45	22	18	H	0		
132	F	G	0		0	F	USE?	RE		28	27	8	H	0	?	
133	F	BR	0		0	F	USE	LE		39	26	10	H	0	Y	
134	F	BR	40	CR R	0	D<50							H	0	?	
136	F	BR	20	CR	0	F	USE	LE		34	16	6	H	0		
137	C	BR	0		0	F				19	14	5	H	0		
138	F	BR	0		0	IB<25							SH	3	T	
144	F	G	0		0	F	USE	RE		42	32	6	H	0		
145	F	?	0		G100	IB<25							SH	3	T	
146	F	BR	0		0	F				16	17	4	H	0		
151	F	?	0		W100	F				22	15	4	S	0		
152	C	BL	0		0	F				23	23	5	H	0		
176	C	BL	0		0	NP<50							N/A	0		
185	F	G	0		0	B	RET	LE RE		24	21	6	H	0		
187	F	?	0		0	F	SCRAPER	THUMB	BE	14	25	5	H	3	T	Fragment only
195	F	G	0		0	D<20	USE?	RE					H	0		
197	F	G	20	CR	0	D<30							H	0		
198	F	G	0		0	F	USE	RE		30	35	9	H	0	Y	
200	F	?	0		W100	F	SCRAPER	THUMB	BE	22	22	7	H	0		

	RAW MATERIAL					TECHNOLOGY										
Find	Mat	F. Col.	Cort	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam	Notes
202	F	G	0		0	D<25	RET	LE					H	0		
203	F	G	0		0	CORE FRAG				16	31	26	S	0		
209	F	G	0		0	F	LEAF ARROW?		N-BE	25	17	6	?	0		
220	F	G	0		0	F	USE	RE		26	20	3	S	0		
222	F	?	0		W100	IB<25							SH	3	T	
229	F	?	0		WG100	F	USE	LE		39	24	8	H	2	T	
240	F	G	0		0	F	SCRAPER	?		11	34	4	?	0	Y	Fragment only
242	C	G	0		0	F				36	25	12	H	0		
247	C	BR	0		0	F				48	38	12	H	0		
262	F	G	15	CR	0	D<20							SH	0		
266	F	?	0		W100	NP<25							N/A	0		
267	F	BR	0		0	F	USE	LE RE		22	22	5	H	0		
268	F	?	0		W100	IB<25							SH	3	T	
270	F	?	0		W100	IB<25							SH	3	T	
272	C	G	35	BR	0	F				27	36	10	H	0		
276	F	G	20	CR	0	F				25	32	10	H	0		
281	F	G	0		0	F	USE	END		35	25	4	S	0		
282	C	B	50	BR	0	F				30	19	4	H	0		
285	F	BR	0		0	F	BURIN	LE		29	21	4	S	0		
290	F	BR	20	CR	0	D<25							SH	0		
293	F	?	0		0	F				9	10	2	S	2	T	
304	F	BR	0		0	D<30	USE	LE					H	0		
305	F	G	0		0	F	USE	LE		39	25	8	H	0		
306	F	BR	0		0	FD	USE	LE		19	23	5	?	0		Looks like a tranchet but isn't.
312	C	BL	0		0	F				16	22	5	H	0		
313	F	BR	0		0	BP	USE	LE RE		14	13	2	S	0		
340	A	BLUE	0		0	B	USE	LE		12	11	3	?	0		V. crystalline agate
355	F	G	50	CR	0	NP<15							N/A	0		
399	F	BR	0		0	F	USE	LE RE		26	29	5	H	0		
416	F	G	0		O95	F	SCRAPER	END	?M	21	15	5	H	0		
417	C	BL-G	0		0	F	PF	RE		23	16	6	H	0		
432	F	?	0		G100	IB<20	SCRAPER	FRAG					SH	3	T	Possible burnt scraper frag.
437	F	G	0		0	F	USE	RE		23	17	3	H	0		
456	C	BL	0		0	D<30							H	0		
483	F	G	0		0	F	SCRAPER	FRAG		31	23	6	?	0		
505	F	BR	0		0	F	USE	RE END		22	23	6	H	0		
521	C	BL	0		0	F				25	19	4	H	0		
493	C	BL	0		0	NP<4							N/A	0		

	RAW MATERIAL					TECHNOLOGY										
Find	Mat	F. Col.	Cort	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam	Notes
503	C	BL	0		0	F5				27	28	9	H	0		
542	F	?	0		W100	IB<30							SH	3	T	
575	C	BL	0		0	F				25	27	10	H	0		
651	F	BR	0		W10	F	SCRAPER	E & E		35	31	10	H	0		
669	F	?	0		W100	NP<30							N/A	0		
678	F	?	0		G100	NP<20							N/A	0		Has appearance of very abraded thumb scraper
776	F	R	0		0	F	B & T ARROW		B	29	20	5	?	0	A	Tip and one barb broken away.
783	C	BL	0		0	D<35							H	0		
791	F	G	0		0	D<20							H	0		
817	F	BR	0		0	F				11	15	3	S	0		
824	F	BR-R	0		0	F	RET	RE		31	16	5	S	0		
853	C	BL	0		0	NP<20							N/A	0		
886	F	G	50	CR	0	D<45							H	0		
875	F	BR	0		W95	F				32	20	6	H	0	M RE	
896	C	BL	0		0	D<45							H	0		Possibly natural
906	C	BL	0		0	NP<25							N/A	0		
907	F	BR	0		0	F	SCRAPER	E & E		40	25	7	H	0		
908	F	BR-R	0		0	D<30							H	0		
914	F	BR	0		0	F	USE	LE		28	22	6	H	0	M RE	
915	F	BR	40	CR	0	FP	SCRAPER	THUMB	BE	20	20	9	H	0		
921	F	BR	45	CR R	0	FP	USE	RE		24	16	9	H	0		
922	F	BR-R	30	CR R	0	D<30	USE?	RE					H	0		
923	F	G	0		0	F				19	12	4	S	0		
925	F	BR	0		0	F				15	19	5	H	0		
929	F	BR	5	CR R	0	D<25							SH	0		
930	F	BR	0		0	F	USE	RE		41	20	11	H	0		
932	F	G	0		0	F	USE	LE RE		34	12	6	?	0		
933	F	BR-R	10	CR R	0	D<35	RET	LE RE					H	0		
934	F	BR	0		0	D<20							SH	0	A T	
935	F	BR	0		0	D<35	SCRAPER	FRAG					SH	0	A?	
936	F	G	0		0	CORE 1				25	40	45	S	0		
937	F	?	0		W100	F				35	28	12	H	2	T	
938	F	BR	25	CR R	0	D<35							H	0	M RE	
939	F	BR	50	CR	0	D<25							H	0		
943	F	?	50	CR R	W100	F	USE	RE		32	25	10	H	0		
944	F	BR	0		0	D<25							SH	0		
945	F	G	40	W R	0	D<20							SH	0		
948	F	BR	5	CR R	0	F				17	11	3	S	0		

	RAW MATERIAL					TECHNOLOGY										
Find	Mat	F. Col.	Cort	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam	Notes
954	F	BR	0		0	D<30							SH	0		
955	F	BR	0		0	F				10	12	2	S	0		
956	F	BR	0		0	F	USE?	DE		17	19	8	H	0	M DE	
958	F	BR	5	CR R	0	F				25	19	6	S	0		
962	F	G	0		0	D<25	USE	LE					H	0		
963	F	G	0		0	BD	USE	LE RE		16	10	3	S	0		
967	F	BR	0		0	D<25							SH	0		
969	F	BR	0		0	F	USE	LE RE		14	12	3	S	0		
972	F	G	0		0	F	FABRICATOR	LE RE END	N	55	20	14	H	0		
974	F	G	50	BR R	0	F	SCRAPER	RE		25	28	10	H	0	Y	
984	F	?	0		W100	IB<20							?	2	T	
1013	F	BR-R	0		0	F	SCRAPER	E & E		34	23	12	H	0		
1026	F	BR	0		0	B	USE	RE		25	10	4	S	0		
1033	F	G	0		0	F	TRANSVERSE	RE	N	30	23	5	S	0	Y	Left edge broken off
1034	F	G	0		W70	D<30							SH	0		
1035	F	?	0		G100	IB<25							SH	3	T	
1037	F	G	50	CR R		NP<35							N/A	0		
1038	F	BR	5	CR R	0	F				25	20	8	H	0	M RE	
1039	F	G	0		0	D<30							SH	0		
1041	F	?	0		G100	IB<20							SH	3	T	
1046	F	G	0		0	F				6	14	2	H	0		
1047	F	?	0		W100	IB<20							H	3	T	
1051	F	G	20	CR R	0	F	SCRAPER	END		20	36	13	H	0		
1053	F	?	20	CR R	W100	F	USE	RE		29	15	8	H	0		
1054	F	?	0		W100	B				21	7	3	?	0		
1090	F	G	20	CR R	0	F	SCRAPER	THUMB	BE	30	30	15	H	0		
1093	F	?	10	CR R	W100	IB<35							SH	3	T	
1122	F	G	0		0	D<20							SH	0		
1126	F	BR	0		0	F	USE	RE		21	12	5	S	0		
1128	F	BR	5	CR R	0	D<30	USE	RE					SH	0		
1136	F	BR	0		0	F	USE?	RE		24	19	6	H	0	Y	
1138	F	BR	0		0	D<30							SH	0	T	Frost damage
1141	F	?	0		W100	IB<20							?	3	T	
1144	F	BR	0		0	IB<25							?	2	T	
1151	F	BR	20	CR R	0	D<30							H	0		
1167	C	BL	0		0	F				38	32	10	H	0		
1178	F	BR	0		0	D<25							BIPOLAR	0		
1187	F	BR-R	0		0	F	SCRAPER	END		25	28	14	H	0		
1211	F	G	0		0	B	BACKED	LE RE	ME	60	16	6	S	0		
1216	F	BR	0		0	F				21	16	5	H	0		
1220	F	GR	0		0	D<25							SH	0		

	RAW MATERIAL					TECHNOLOGY										
Find	Mat	F. Col.	Cort	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam	Notes
1228	F	?	0		W100	F				24	17	4	S	0		
1229	F	?	0		W100	BM				20	12	4	SH	3	T	
1230	F	BR-R	0		0	F	TRANSVERSE	LE	NL	50	23	6	S	0	M RE	
1231	F	?	0		W100	IB<30							SH	3	T	
1252	F	G	0		0	B	USE?	LE RE		29	11	4	S	0		
1263	F	?	0		W100	IB<30							SH	3	T	
1273	F	BR-R	0		0	F	USE	LE RE		25	21	6	H	0		
1280	F	GR	10	CR	0	IB<30							SH	1	T	
1293	F	BR	10	CR R	0	D<35							H	0		
1314	F	G	0		0	D<35							SH	0		
1326	F	BR	0		0	F	FABRICATOR	BROKEN	N	22	18	10	H	0	A	Tip only of fabricator
1342	F	?	15	CR R	G100	IB<35							S	2	T	
1345	F	G	0		0	B	USE	RE		52	25	8	S	0	MLE RE	
1395	F	G	0		0	F	USE	RE		21	21	7	H	0		
1406	F	?	0		G100	IB<30							SH	3	T	
1435	C	B	0		0	NP<35							H	0		
1436	F	G	0		0	F	SCRAPER	END		29	24	13	H	0		
1438	F	G	0		0	D<40	GROUND	END					H	0		
1474	F	?	0		W100	F				21	15	3	S	0		
1478	F	?	5	CR R	G100	IB<25							SH	1	T	
1501	F	BR	0		0	B	BACKED	RE	M	35	12	8	H	0		

Appendix 2 Lithic material from other interventions

SITE INFO.				RAW MATERIAL					TECHNOLOGY									
Int	Find	CNo	FNo	Mat	F. Col.	Cort.	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam
7	1544	1111	1	F	G	0		0	F				45	26	8	S	0	
7	1544	1111	1	F	G	0		0	F				11	29	4	S	0	
7	1544	1111	1	F	BR	10	CR R	0	D<30							SH	0	
7	1544	1111	1	F	BR	0		0	F				18	17	4	S	0	
7	1544	1111	1	F	G	0		0	F				11	20	5	S	0	
7	1544	1111	1	F	BR	50	CR R	0	FP				30	15	4	H	0	
7	1613	1111	1	F	G-BR	0		0	F<5							S	0	Knapping debris
7	1613	1111	1	F	G-BR	0		0	F<10							S	0	Knapping debris
7	1545	1112	2	F	G	0		0	F	USE	LE DE		31	21	1 0	H	0	Y re
10	1619	1117	7	F	BR	0		0	F<5									Knapping debris
10	1619	1117	7	C	BL	0		0	F<5									Knapping debris
10	1619	1117	7	C	BL	0		0	F<10									Knapping debris
10	1619	1117	7	F	BR	0		0	F<10									Knapping debris
10	1619	1117	7	F	BR	0		0	F				16	15	4	H	0	
10	1619	1117	7	C	G	0		0	F				13	21	2	S	0	
20	1546	1170	SQD	F	G	25	CR R	0	BP				25	11	6	S	0	
20	1547	1169	Spit 2 SQJ	F	G	0		0	BP				11	4	1	S	0	
20	1547	1169	Spit 3 SQJ	F	G	0		0	D<10							SH	0	
20	1547	1169	Spit 3 SQJ	F	BR	0		0	D<15							SH	0	
20	1547	1169	Spit 3 SQJ	F	BR	25	CR R	0	D<20							H	0	
19	1548	1148	Spit3 SQA	F	?	15	CR R	W100	F	SCRAPER	THUMB	BE	21	18	6	H	3	T
17	1549	1157	Spit1 SQH	F	BR	5	CR R	W80	BP	USE	RE					S	1	T
19	1550	1159	Spit3 SQA	F	G	5	CR R	0	COR				19	37	3	S	0	
14	1551	1130	Spit2 SQJ	F	G	0		0	E 1 F	USE	LE		24	20	4 2	S	0	
14	1551	1130	Spit3 SQJ	C	W	0		0	D<30							?	0	
17	1552	1150	Spit3 SQE	F	G	0		0	F	USE	LE		22	19	4	?	0	
14	1553	1131	Spit3 SQF	F	G	5	CR R	W100	F	USE	LE DE		32	45	1	H	0	
14	1554	1126	Spit1 SQA	F	G	0		0	D<20	RET	FRAG				0	SH	0	
14	1554	1126	Spit2 SQA Spit2	F	BR	15	CR R	0	F	PF	LE	N	31	22	5	S	0	Bifacial pressure flaking
15	1555	1134	SQA	F	BR	0		0	F	USE	RE		12	15	4	H	0	
22	1556	1183	Spit2 SQJ	C	G	0		0	D<25							SH	0	
21	1557	1178	Spit2 SQE	F	G	15	CR R	0	FD	USE	LE RE		20	19	5	H	0	
22	1558	1182	Spit2 SQJ	F	G	0		0	F				15	17	3	S	0	
22	1559	1184	Spit1 SQJ	F	G	0		0	D<30							H	0	
22	1559	1184	Spit3 SQJ	F	?	0		G100	IB<20							S	0	

SITE INFO.				RAW MATERIAL					TECHNOLOGY									
Int	Find	CNo	FNo	Mat	F. Col.	Cort.	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam
22	1560	1180	Spit3 SQA	F	G	0		0	D<20							H	0	
22	1560	1180	Spit2 SQA	F	G	0		0	D<15							S	0	
21	1561	1173	Spit2 SQA	F	G	0		0	F				12	12	3	S	0	
21	1561	1173	Spit2 SQA	C	BR	10	CR R	0	D<20	USE	RE					H	0	
21	1562	1172	Spit2 SQA	F	G	0		0	D<20							?	0	
21	1562	1172	Spit1 SQA	F	G	0		0	F				17	15	3	?	0	
21	1562	1172	Spit1 SQA	F	G	0		0	NP<15							N/A	0	
16	1563	1138	Spit1 SQA	F	G	0		0	D<20							SH	0	
16	1563	1138	Spit2 SQA	F	G	0		Y95	F	RET	RE		17	22	5	H	0	Fragment only
16	1564	1143	Spit2 SQE	F	?	0		G100	IB<15							SH	3	T
14	1565	1132	Spit2 SQG	F	G	0		0	D<20							SH	0	
15	1565	1135	Spit2 SQJ	C	G	0		0	F				17	11	2	S	0	
14	1566	1129	Spit1 SQT	F	?	0		W100	IB<20							SH	3	T
16	1567	1141	Spit2 SQJ	F	G	0		0	D<25							SH	0	
16	1567	1141	Spit2 SQJ	F	G	0		0	F	SCRAPER	FRAG		21	17	9	H	0	
16	1567	1141	Spit2 SQJ	F	G	0		0	D<10							SH	0	
16	1567	1141	Spit2 SQJ	F	BR	0		0	F				7	7	1	S	0	
16	1568	1137	Spit2 SQA	F	BR	20	CR R	0	F	SCRAPER	THUMB	BE	23	22	1	H	0	
18	1569	1156	Spit1 SQJ	F	?	0		G100	IB<20						1	SH	3	T
18	1569	1156	Spit2 SQJ	F	G	5	CR R	0	F	USE	RE		14	25	4	S	0	
18	1569	1156	Spit2 SQJ	F	?	0		G100	IB<15							SH	3	T
18	1570	1155	Spit2 SQJ	F	?	5	CR R	W100	D<25							H	2	T
22	1571	1188	Spit1 SQF	F	BR	0		W70	BP				21	12	7	S	0	
21	1572	1178	Spit3 SQJ	F	BR	0		0	F	USE	DE		14	22	3	H	0	
19	1573	1161	Spit1 SQJ	F	G	0		0	D<25							SH	0	
20	1574	1171	Spit1 SQE	F	G	0		0	F	USE	LE RE		28	16	4	S	0	
20	1575	1166	Spit1 SQA	F	G	0		0	D<15							SH	0	
20	1576	1168	Spit3 SQJ	F	?	0		W100	IB<25							SH	3	T
6	1577	1012	Spit2 TP 5	F	BR	0		0	F	USE	LE		19	16	3	S	0	
6	1578	1061	TP 21	F	BR	20	CR R	0	D<20	USE?	DE					?	0	
6	1579	1028	TP 10	F	BR	0		W95	D<30							S	0	
6	1580	1059	Spit2 TP21	F	?	0		G100	IB<20							H	3	T
6	1581	1024	TP9	F	BR-R	15	CR R	0	F	USE	LE		27	15	5	S	0	
6	1582	1002	TP1	F	BR	0		0	F				16	16	3	S	0	
6	1583	1011	TP4	F	BR	0		0	D<20							SH	0	

SITE INFO.				RAW MATERIAL					TECHNOLOGY									
Int	Find	CNo	FNo	Mat	F. Col.	Cort.	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam
6	1583	1011	TP4	C	BL	0		0	F				21	15	5	S	0	
18	1584	1153	SQA Spit3	F	?	0		W100	D<25							SH	2	T
6	1585	1032	TP12	C	BL	0		0	D<25							SH	0	
9	1586	1116	6	F	?	0		W100	IB<20							SH	3	T
6	1587	1055	TP19	F	G	0		0	B				11	6	1	S	0	
6	1588	1055	TP19	C	BL	0		0	D<25							SH	0	
6	1588	1053	TP22 Spit1	F	BR	0		0	F	USE	RE					S	0	
23	1589	1191	16	C	BL	0		0	FP				50	47	9	H	0	
23	1589	1191	16	F	BR	10	CR R	W30	D<35	USE	RE					H	0	
23	1589	1191	16	F	G	0		0	D<35							SH	0	M
23	1589	1191	16	F	G	30	CR R	0	D<30							H	0	
23	1589	1191	16	F	BR	0		0	F				21	20	3	S	0	
23	1589	1191	16	F	BR	0		0	B	USE	LE RE		38	12	4	S	0	
23	1589	1191	16	F	G	0		0	F	USE	RE		38	25	8	S	0	
23	1589	1191	16	F	BR	50	CR R	0	D<25							?	0	
23	1589	1191	16	F	BR	0		0	F	USE?	LE RE					S	0	
23	1589	1191	16	F	BR-R	15	CR R	0	F	USE	RE					S	0	
23	1589	1191	16	F	BR	50	CR R	0	FP				25	18	7	H	0	
23	1589	1191	16	F	BR	10	W R	0	FD	USE?	LE		27	15	3	S	0	
23	1589	1191	16	F	BR	0		0	F	ARROW	LEAF	NE-BE	27	21	5	S	0	Y TIP
23	1589	1191	16	F	BR	5	CR R	0	F	SCRAPER	END		41	25	1	H	0	
23	1590	1196	17	F	BR	10	CR R	0	D<25						1	S	0	
23	1590	1196	17	F	BR	0		0	BM				13	8	2	S	0	
6	1591	1407	SQ90 Spit3	F	?	70	CR R	W100	D<25							H	0	
6	1592	1464	SQ10 9 Spit1	C	BL	0		0	NP<3 5							N/A	0	
6	1592	1464	SQ10 9 Spit1	F	N/A	100	CR R	0	NP<1 5							N/A	0	
6	1593	1437	SQ10 0 Spit1	F	BR	0		0	COR E 2				25	22	1 9	S	0	Platform at right angles
6	1594	1441	SQ10 1 Spit2	C	BL	0		0	NP<2 5							N/A	0	
6	1594	1441	SQ10 1 Spit2	C	BL	0		0	F				29	26	8	H	0	
27	1595	1198	20	C	G	0		0	F				36	25	5	S	0	
23	1596	1190	16	?	BR	0		0	F				59	24	1 2	?	0	Unidentified stone
23	1596	1190	16	T	GR	0		0	B				37	15	5	H	0	
23	1596	1190	16	F	BR	0		0	B				26	7	2	S	0	
6	1597	1352	SQ72 Spit2	C	BL	0		0	NP<3 0							N/A	0	
6	1598	1387	SQ84 Spit1	?	BR	0		0	?							N/A	0	Unidentified stone
23	1599	1192	18	C	BL	0		0	F	USE	LE RE		36	33	7	H	0	
23	1599	1192	18	F	G	0		0	D<25	CORE FRAG						H	1	T
23	1599	1192	18	F	?	0		W100	FD				21	19	5	H	2	T
23	1599	1192	18	F	?	0		G100	IB<20							SH	2	T
23	1599	1192	18	F	G	0		0	D<15							SH	0	
23	1599	1192	18	F	G	0		0	NP<1 5							N/A	0	
23	1599	1192	18	F	BR	0		0	F	SCRAPER	END		42	23	1 0	H	0	
6	1600	1376	SQ80 Spit2	F	CR	100	CR	0	F				28	18	8	H	0	
6	1601	1254	SQ39	F	?	0		W100	IB<20							SH	3	T

SITE INFO.				RAW MATERIAL					TECHNOLOGY										
Int	Find	CNo	FNo	Mat	F. Col.	Cort.	C. col.	Patina	Type	Interp.	Work	Period	L	B	W	Bulb	Bu	Dam
6	1602	1256	Spit3 SQ40	F	?	0		G100	IB<30							SH	3	T
6	1602	1256	Spit2 SQ40	F	BR	5	CR R	0	D<15							SH	0	
6	1602	1256	Spit2 SQ40	C	BL	0		0	NP<1 5							N/A	0	
6	1603	1321	Spit2 SQ62	C	BL	0		0	PF				9	23	6	H	0	
6	1603	1321	Spit1 SQ62	F	G	50	CR R	0	PF				44	35	1 6	H	0	
6	1604	1288	Spit1 SQ51	C	BL	0		0	PF				26	21	8	H	0	
6	1605	1310	Spit1 SQ58	F	G	0		W70	IB<20							S	3	T
6	1606	1287	Spit2 SQ50	F	?	0		G100	IB<20							SH	3	T
6	1607	1267	Spit3 SQ44	C	BL	0		0	NP<1 0							N/A	0	
6	1607	1267	Spit1 SQ44	C	BL	0		0	NP<4 5							N/A	0	
6	1608	1273	Spit1 SQ46	C	BL	0		0	NP<2 0							N/A	0	
6	1609	1259	Spit1 SQ41	F	BR	0		0	D<15							SH	0	
6	1609	1259	Spit2 SQ41	F	?	0		G100	IB<20							H	2	T
6	1610	1279	Spit2 SQ48	C	BL	0		0	NP<1 0							N/A	0	
			Spit1															

APPENDIX C GEOPHYSICAL DATA PLOTS

Area A1 results of magnetometer survey (raw data trace and greyscale plots)

Scale 1:2000

Figure Ci

Area A2 results of magnetometer survey (raw data trace and greyscale plots)

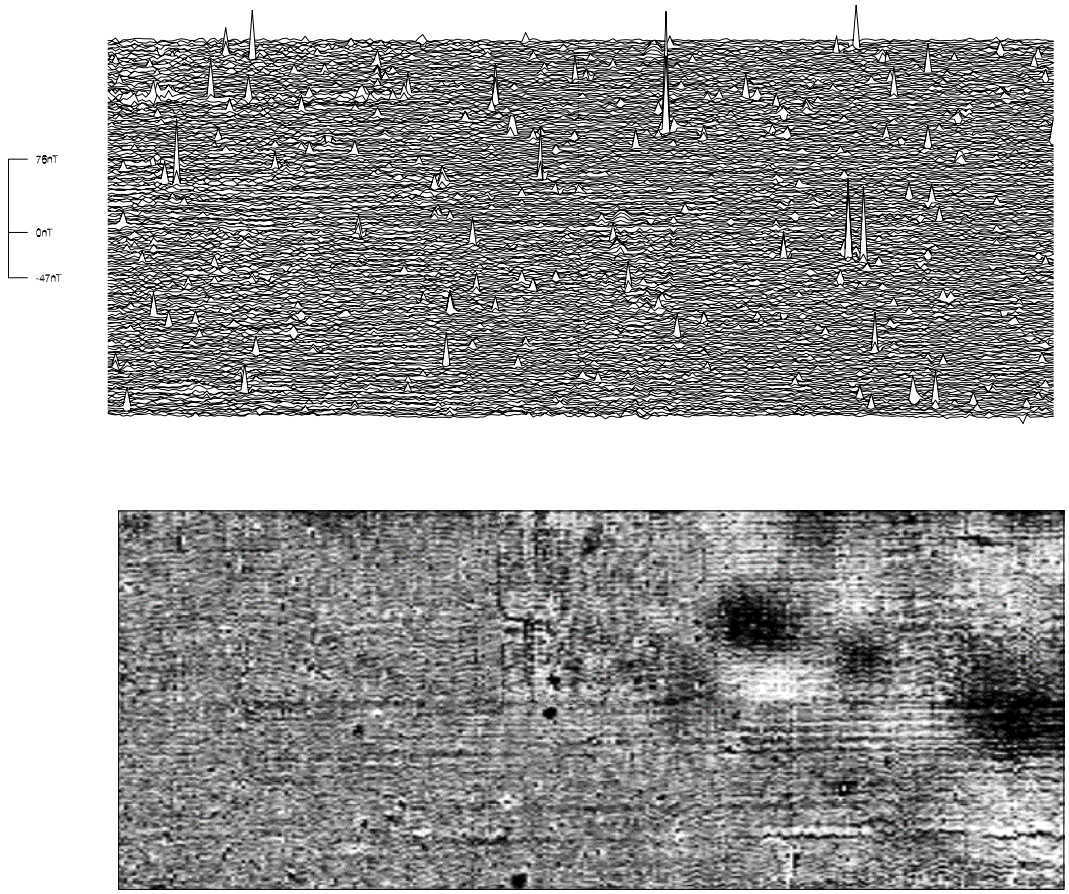
Scale 1:2000

Figure Cii

Area A3 results of magnetometer survey (raw data trace and greyscale plots)

Scale 1:2000

Figure Ciii



Area B1 results of magnetometer survey (raw data trace and greyscale plots)

Scale 1:2000

Figure Civ

FIELD ARCHAEOLOGY SPECIALISTS

Area B2 results of magnetometer survey (raw data trace and greyscale plots)

Scale 1:2000

Figure Cv

Cvi

FAS_lbf02_figCv.dwg

Area C1 results of magnetometer survey (raw data trace and greyscale plots)

Scale 1:2000

Figure Cvi

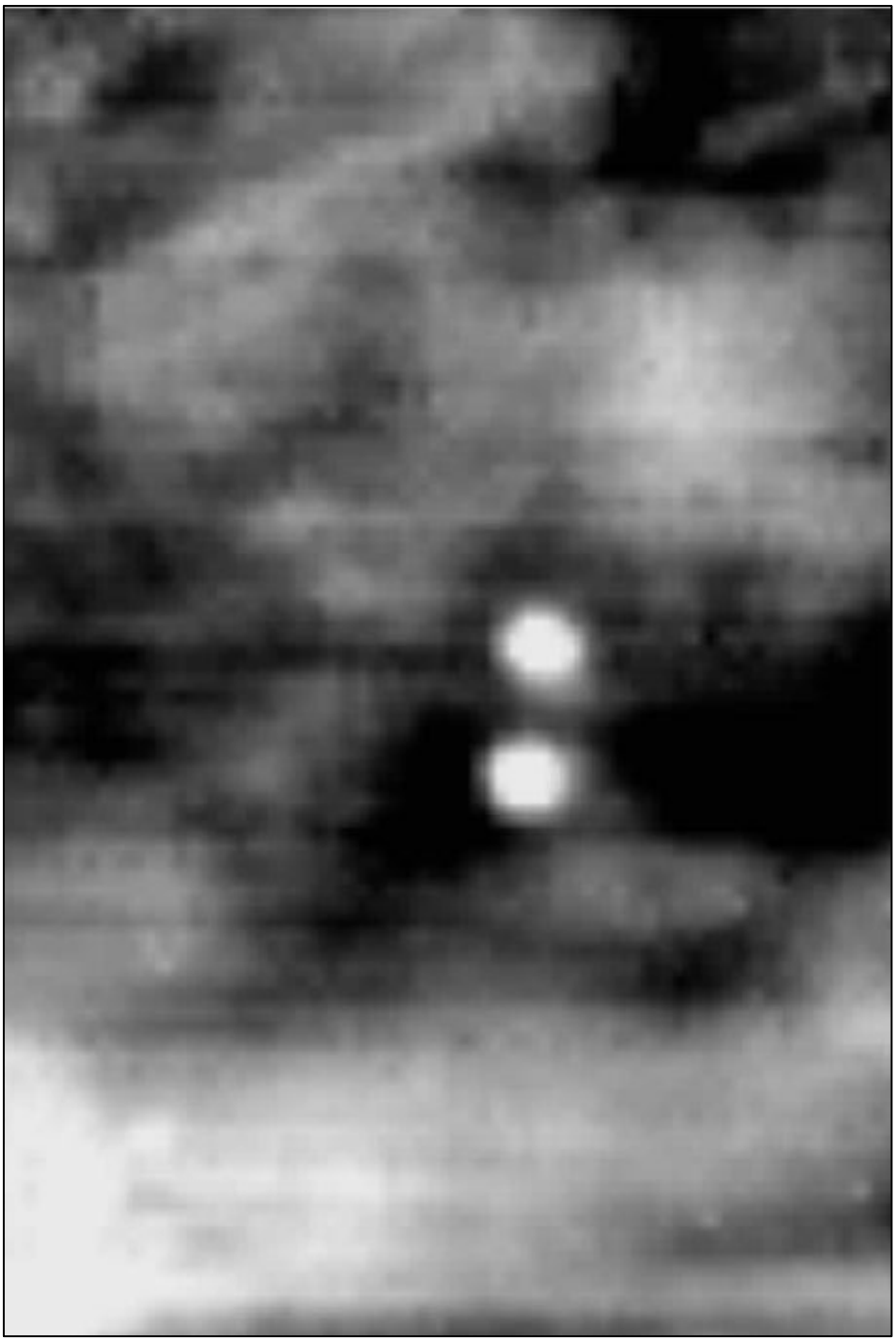
Area E1 results of magnetometer survey (raw data trace and greyscale plots)

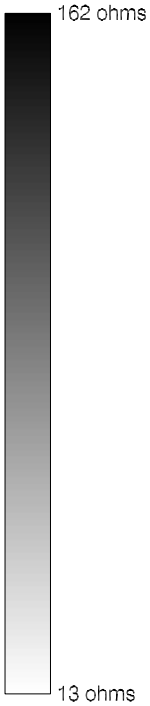
Scale 1:2000

Figure Cvii

Area A1 soil resistance survey raw data plot (1.0m probe separation) | Scale 1:500 | Figure Cviii

Area A1 soil resistance survey raw data plot (0.5m probe separation)	Scale 1:500		Figure Cix





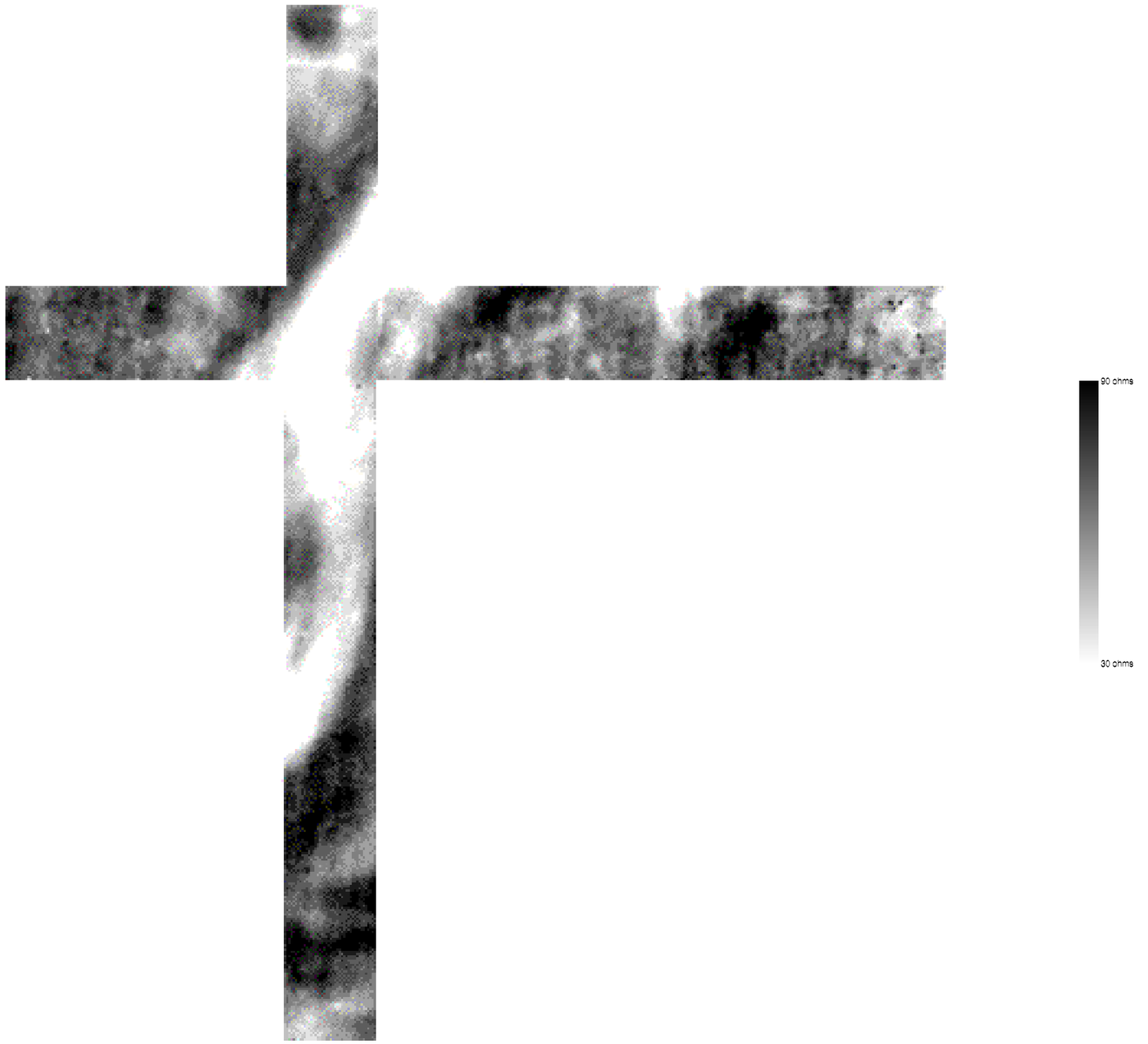
Area B1 soil resistance survey raw data plot (1.0m probe separation)	Scale 1:500		Figure Cx

Area B1 soil resistance survey raw data plot (0.5m probe separation)	Scale 1:500		Figure Cxi

Area D1 soil resistance survey raw data plot (1.0m probe separation)

Scale 1:1500

Figure Cxii



Area D1 soil resistance survey raw data plot (0.5m probe separation)

Scale 1:1500

Figure Cxiii

APPENDIX D INDEX TO FIELD FILE

CODE		DESCRIPTION	RECORD	FORMAT
		Indices		
YO1		Index of notebooks	-	-
YO2		Index of contexts	15	A4
YO3		Index of features	2	A4
YO4		Index of structures	-	-
YO5		Index of drawings	3	A4
YO6	.0	Index of photographs	12	A4
	.1	Index of film processing	1	A4
YO7	.0	Index of finds	59	A4/digital
	.1	Index of finds by context	-	-
	.2	Index of finds by grid square	-	-
	.3	Sample Register	1	A4
	.4	Artefact Register	-	-
	.5	Finds Storage Register	-	-
YO8		Index of geophysical data files	1	A4
YO9	.0	Index of survey stations	1	A4
	.1	Index of co-ordinate files	1	A4
	.2	Index of topographic files	1	A4
YO10		Index of interventions	2	A4
Y1		**Notebooks**	-	-
		Contexts		
Y2	.0	Context Record	82	A4
	.1	Skeleton Record	-	-
	.2	Coffin Record	-	-
	.3	Masonry Record	-	-
	.4	Timber Record	-	-
		Features		
Y3	.0	Feature Record	55	A4
	.1	Auger Record	79	A4
		Structures		
Y4		Structure Record	-	-
		Site drawing		
Y5	.0	Legend	-	-
	.1	Plans	33	A1/A4
	.2	Maps	-	-
	.3	Sections	54	A1/A4
		Photographs		
Y6	.0	Black and white negatives	97	35mm
	.1	Colour negatives	262	35mm
	.2	Colour slides	-	-
	.3	Colour enprints	262	6x4
	.4	Black and white prints	4	contact
		Finds		
Y7	.0	Finds Location Record	-	-
		Survey		
Y8	.0	Record of geophysical data files	1	A4
	.1	Record of .RAW data file	1	A4
	.2	Record of .FLD data file	1	A4
	.3	Surface Reconnaissance Record	1	A4

APPENDIX E CONTEXT AND FEATURE SUMMARIES

Table 1 Summary of context records

Int	Context	Identity	Feature	Munsell	Description
6 TP1	1000	sieved spit	-	-	spit 1 0 - 10cm
6 TP1	1001	sieved spit	-	-	spit 2 10 - 20cm
6 TP1	1002	sieved spit	-	-	spit 3 20 - 35cm
6 TP2	1003	sieved spit	-	-	spit 1 0 - 10cm
6 TP2	1004	sieved spit	-	-	spit 2 10 - 20cm
6 TP2	1005	sieved spit	-	-	spit 3 20 - 35cm
6 TP3	1006	sieved spit	-	-	spit 1 0 - 10cm
6 TP3	1007	sieved spit	-	-	spit 2 10 - 20cm
6 TP3	1008	sieved spit	-	-	spit 3 20 - 30cm
6 TP4	1009	sieved spit	-	-	spit 1 0 - 10cm
6 TP4	1010	sieved spit	-	-	spit 2 10 - 20cm
6 TP4	1011	sieved spit	-	-	spit 3 20 - 34cm
6 TP5	1012	sieved spit	-	-	spit 1 0 - 10cm
6 TP5	1013	sieved spit	-	-	spit 2 10 - 20cm
6 TP5	1014	sieved spit	-	-	spit 3 20 - 30cm
6 TP6	1015	sieved spit	-	-	spit 1 0 - 10cm
6 TP6	1016	sieved spit	-	-	spit 2 10 - 20cm
6 TP6	1017	sieved spit	-	-	spit 3 20 - 30cm
6 TP7	1018	sieved spit	-	-	spit 1 0 - 10cm
6 TP7	1019	sieved spit	-	-	spit 2 10 - 20cm
6 TP7	1020	sieved spit	-	-	spit 3 20 - 33cm
6 TP8	1021	sieved spit	-	-	spit 1 0 - 10cm
6 TP8	1022	sieved spit	-	-	spit 2 10 - 20cm
6 TP8	1023	sieved spit	-	-	spit 3 20 - 32cm
6 TP9	1024	sieved spit	-	-	spit 1 0 - 10cm
6 TP9	1025	sieved spit	-	-	spit 2 10 - 20cm
6 TP9	1026	sieved spit	-	-	spit 3 20 - 35cm
6 TP10	1027	sieved spit	-	-	spit 1 0 - 10cm
6 TP10	1028	sieved spit	-	-	spit 2 10 - 20cm
6 TP11	1029	sieved spit	-	-	spit 1 0 - 10cm
6 TP11	1030	sieved spit	-	-	spit 2 10 - 20cm
6 TP11	1031	sieved spit	-	-	spit 3 20 - 30cm
6 TP12	1032	sieved spit	-	-	spit 1 0 - 10cm

Int	Context	Identity	Feature	Munsell	Description
6 TP12	1033	sieved spit	-	-	spit 2 10 - 20cm
6 TP12	1034	sieved spit	-	-	spit 3 20 - 30cm
6 TP13	1035	sieved spit	-	-	spit 1 0 - 10cm
6 TP13	1036	sieved spit	-	-	spit 2 10 - 20cm
6 TP13	1037	sieved spit	-	-	spit 3 20 - 30cm
6 TP14	1038	sieved spit	-	-	spit 1 0 - 10cm
6 TP14	1039	sieved spit	-	-	spit 2 10 - 20cm
6 TP14	1040	sieved spit	-	-	spit 3 20 - 25cm
6 TP15	1041	sieved spit	-	-	spit 1 0 - 10cm
6 TP15	1042	sieved spit	-	-	spit 2 10 - 20cm
6 TP15	1043	sieved spit	-	-	spit 3 20 - 28cm
6 TP16	1044	sieved spit	-	-	spit 1 0 - 10cm
6 TP16	1045	sieved spit	-	-	spit 2 10 - 20cm
6 TP16	1046	sieved spit	-	-	spit 3 20 - 31cm
6 TP17	1047	sieved spit	-	-	spit 1 0 - 10cm
6 TP17	1048	sieved spit	-	-	spit 2 10 - 20cm
6 TP17	1049	sieved spit	-	-	spit 3 20 - 32cm
6 TP18	1050	sieved spit	-	-	spit 1 0 - 10cm
6 TP18	1051	sieved spit	-	-	spit 2 10 - 20cm
6 TP18	1052	sieved spit	-	-	spit 3 20 - 31cm
6 TP19	1053	sieved spit	-	-	spit 1 0 - 10cm
6 TP19	1054	sieved spit	-	-	spit 2 10 - 20cm
6 TP19	1055	sieved spit	-	-	spit 3 20 - 30cm
6 TP20	1056	sieved spit	-	-	spit 1 0 - 10cm
6 TP20	1057	sieved spit	-	-	spit 2 10 - 20cm
6 TP20	1058	sieved spit	-	-	spit 3 20 - 33cm
6 TP21	1059	sieved spit	-	-	spit 1 0 - 10cm
6 TP21	1060	sieved spit	-	-	spit 2 10 - 20cm
6 TP21	1061	sieved spit	-	-	spit 3 20 - 30cm
6 TP22	1062	sieved spit	-	-	spit 1 0 - 10cm
6 TP22	1063	sieved spit	-	-	spit 2 10 - 20cm
6 TP22	1064	sieved spit	-	-	spit 3 20 - 30cm
6 TP23	1065	sieved spit	-	-	spit 1 0 - 10cm
6 TP23	1066	sieved spit	-	-	spit 2 10 - 20cm
6 TP23	1067	sieved spit	-	-	spit 3 20 - 34cm
6 TP24	1068	sieved spit	-	-	spit 1 0 - 10cm

Int	Context	Identity	Feature	Munsell	Description
6 TP24	1069	sieved spit	-	-	spit 2 10 - 20cm
6 TP24	1070	sieved spit	-	-	spit 3 20 - 30cm
6 TP25	1071	sieved spit	-	-	spit 1 0 - 10cm
6 TP25	1072	sieved spit	-	-	spit 2 10 - 20cm
6 TP25	1073	sieved spit	-	-	spit 3 20 - 32cm
6 TP26	1074	sieved spit	-	-	spit 1 0 - 10cm
6 TP26	1075	sieved spit	-	-	spit 2 10 - 20cm
6 TP26	1076	sieved spit	-	-	spit 3 20 - 32cm
6 TP27	1077	sieved spit	-	-	spit 1 0 - 10cm
6 TP27	1078	sieved spit	-	-	spit 2 10 - 20cm
6 TP27	1079	sieved spit	-	-	spit 3 20 - 30cm
6 TP28	1080	sieved spit	-	-	spit 1 0 - 10cm
6 TP28	1081	sieved spit	-	-	spit 2 10 - 20cm
6 TP28	1082	sieved spit	-	-	spit 3 20 - 30cm
6 TP29	1083	sieved spit	-	-	spit 1 0 - 10cm
6 TP29	1084	sieved spit	-	-	spit 2 10 - 20cm
6 TP29	1085	sieved spit	-	-	spit 3 20 - 31cm
6 TP31	1086	sieved spit	-	-	spit 1 0 - 10cm
6 TP31	1087	sieved spit	-	-	spit 2 10 - 20cm
6 TP31	1088	sieved spit	-	-	spit 3 20 - 27cm
6 TP30	1089	sieved spit	-	-	spit 1 0 - 10cm
6 TP30	1090	sieved spit	-	-	spit 2 10 - 20cm
6 TP30	1091	sieved spit	-	-	spit 3 20 - 31cm
6 TP32	1092	sieved spit	-	-	spit 1 0 - 10cm
6 TP32	1093	sieved spit	-	-	spit 2 10 - 20cm
6 TP32	1094	sieved spit	-	-	spit 3 20 - 32cm
6 TP33	1095	sieved spit	-	-	spit 1 0 - 10cm
6 TP33	1096	sieved spit	-	-	spit 2 10 - 20cm
6 TP33	1097	sieved spit	-	-	spit 3 20 - 26cm
6 TP34	1098	sieved spit	-	-	spit 1 0 - 10cm
6 TP34	1099	sieved spit	-	-	spit 2 10 - 20cm
6 TP34	1100	sieved spit	-	-	spit 3 20 - 28cm
6 TP35	1101	sieved spit	-	-	spit 1 0 - 10cm
6 TP35	1102	sieved spit	-	-	spit 2 10 - 22cm
6 TP36	1103	sieved spit	-	-	spit 1 0 - 10cm
6 TP37	1104	sieved spit	-	-	spit 1 0 - 10cm

Int	Context	Identity	Feature	Munsell	Description
6 TP37	1105	sieved spit	-	-	spit 2 10 - 25cm
6 TP36	1106	sieved spit	-	-	spit 2 10 - 20cm
6 TP36	1107	sieved spit	-	-	spit 3 20 - 28cm
6 TP38	1108	sieved spit	-	-	spit 1 0 - 10cm
6 TP38	1109	sieved spit	-	-	spit 2 10 - 20cm
6 TP38	1110	sieved spit	-	-	spit 3 20 - 27cm
all	1123	layer	-	10yr 4/4	clayey silt, yellowish-brown, inclusions of gravel, modern cbm, ceramic
all	1124	layer	-	various	gravel in clayey silt matrix, with bands of grey clay, brown clayey silt and concentrations of iron minerals
7	1111	backfill	1	various	clayey silt, dark grey, lenses of black silt, mixed gravel, charcoal flecks, ceramic and flint debitage
7	1112	backfill	2	10yr 4/4	clayey silt, inclusions of charcoal flecks, mixed gravel, fire cracked pebble and flint flake recovered
7	1113	backfill	3	various	clayey silt, inclusions of mixed gravel
8	1114	backfill	4	various	clayey silt, grey, with brown clayey silt lenses, gravel inclusions
9	1115	backfill	5	10yr 4/4	silt, brown, mixed gravel inclusions
9	1116	backfill	6	10yr 4/4	clayey silt, dark brown, mixed gravel, occasional charcoal flecks, cbm frags and flint flakes recovered
9	1122	backfill	6	10yr 4/3	clayey silt, yellowish-brown, mixed gravel
10	1117	backfill	7	10yr 4/4	clayey silt, brown, inclusions of mixed gravel, charcoal flecks, ceramic recovered
10	1121	backfill	11	10yr 4/4	clayey silt, brown, mixed gravel and charcoal flecks
11	1118	backfill	8	10yr 4/4	clayey silt, brown, mixed gravel inclusions
12	1119	backfill	9	10yr 5/2	clayey silt, greyish-brown, mixed gravel inclusions
12	1120	backfill	10	10yr 5/2	clayey silt, greyish-brown, mixed gravel inclusions
14a	1125	sieved spit	-	-	spit 1 0 - 10cm
14a	1126	sieved spit	-	-	spit 2 10 - 20cm
14a	1127	sieved spit	-	-	spit 3 20 - 30cm
14f	1131	sieved spit	-	-	spit 1 0 - 10cm
14g	1132	sieved spit	-	-	spit 2 10 - 20cm
14j	1128	sieved spit	-	-	spit 1 0 - 10cm
14j	1129	sieved spit	-	-	spit 2 10 - 20cm
14j	1130	sieved spit	-	-	spit 3 20 - 30cm
15a	1133	sieved spit	-	-	spit 1 0 - 10cm
15a	1134	sieved spit	-	-	spit 2 10 - 20cm
15j	1135	sieved spit	-	-	spit 1 0 - 10cm

Int	Context	Identity	Feature	Munsell	Description
15j	1136	sieved spit	-	-	spit 2 10 - 20cm
16	1188	backfill	14	10yr 3/3	clayey silt, inclusions of charcoal flecks, gravel an ceramic
16a	1137	sieved spit	-	-	spit 1 0 - 10cm
16a	1138	sieved spit	-	-	spit 2 10 - 20cm
16a	1139	sieved spit	-	-	spit 3 20 - 30cm
16e	1143	sieved spit	-	-	spit 2 10 - 20cm
16j	1140	sieved spit	-	-	spit 1 0 - 10cm
16j	1141	sieved spit	-	-	spit 2 10 - 20cm
16j	1142	sieved spit	-	-	spit 3 20 - 30cm
17	1186	backfill	12	10yr 3/3	clayey silt, dark brown, frequent gravel
17a	1144	sieved spit	-	-	spit 1 0 - 10cm
17a	1145	sieved spit	-	-	spit 2 10 - 20cm
17a	1146	sieved spit	-	-	spit 3 20 - 30cm
17e	1150	sieved spit	-	-	spit 3 20 - 30cm
17h	1151	sieved spit	-	-	spit 3 20 - 30cm
17j	1147	sieved spit	-	-	spit 1 0 - 10cm
17j	1148	sieved spit	-	-	spit 2 10 - 20cm
17j	1149	sieved spit	-	-	spit 3 20 - 30cm
18	1187	backfill	13	10yr 3/4	sandy silt, burnt lenses, occasional gravel
18a	1152	sieved spit	-	-	spit 1 0 - 10cm
18a	1153	sieved spit	-	-	spit 2 10 - 20cm
18a	1154	sieved spit	-	-	spit 3 20 - 30cm
18j	1155	sieved spit	-	-	spit 1 0 - 10cm
18j	1156	sieved spit	-	-	spit 2 10 - 20cm
18j	1157	sieved spit	-	-	spit 3 20 - 30cm
19a	1158	sieved spit	-	-	spit 1 0 - 10cm
19a	1159	sieved spit	-	-	spit 2 10 - 20cm
19a	1160	sieved spit	-	-	spit 3 20 - 30cm
19j	1161	sieved spit	-	-	spit 1 0 - 10cm
19j	1162	sieved spit	-	-	spit 2 10 - 20cm
19j	1163	sieved spit	-	-	spit 3 20 - 30cm
20a	1164	sieved spit	-	-	spit 1 0 - 10cm
20a	1165	sieved spit	-	-	spit 2 10 - 20cm
20a	1166	sieved spit	-	-	spit 3 20 - 30cm
20d	1170	sieved spit	-	-	spit 2 10 - 20cm

Int	Context	Identity	Feature	Munsell	Description
20e	1171	sieved spit	-	-	spit 1 0 - 10cm
20j	1167	sieved spit	-	-	spit 1 0 - 10cm
20j	1168	sieved spit	-	-	spit 2 10 - 20cm
20j	1169	sieved spit	-	-	spit 3 20 - 30cm
21a	1172	sieved spit	-	-	spit 1 0 - 10cm
21a	1173	sieved spit	-	-	spit 2 10 - 20cm
21a	1174	sieved spit	-	-	spit 3 20 - 30cm
21e	1178	sieved spit	-	-	spit 2 10 - 20cm
21j	1175	sieved spit	-	-	spit 1 0 - 10cm
21j	1176	sieved spit	-	-	spit 2 10 - 20cm
21j	1177	sieved spit	-	-	spit 3 20 - 30cm
22a	1179	sieved spit	-	-	spit 1 0 - 10cm
22a	1180	sieved spit	-	-	spit 2 10 - 20cm
22a	1181	sieved spit	-	-	spit 3 20 - 30cm
22f	1185	sieved spit	-	-	spit 3 20 - 30cm
22j	1182	sieved spit	-	-	spit 1 0 - 10cm
22j	1183	sieved spit	-	-	spit 2 10 - 20cm
22j	1184	sieved spit	-	-	spit 3 20 - 30cm
23	1197	backfill	15	various	sandy silt, dark brown, inclusions of charcoal flecks, pea gravel
23	1190	backfill	16	10yr 4/4	sandy silt, reddish-brown, patches of sandy silt, occasional pebbles
23	1191	backfill	16	various	silty sand, greyish-brown, inclusions of pebbles and charcoal flecks, ceramic and flint recovered
23	1192	backfill	18	7.5yr 3/2	sandy silt, dark brown
23	1193	backfill	18	10yr 6/3	marl, occasional pebbles
23	1194	backfill	18	7.5yr 4/2	silt, flecks of charcoal
23	1195	backfill	18	10yr 3/3	clay, very stoney
23	1196	backfill	17	various	silty sand, greyish-brown, inclusions of small pebbles, charcoal flecks, ceramic and flint recovered
23	1205	backfill	19	10yr 4/3	clayey silt, mixed gravel
23	1206	backfill	19	10yr 4/3	clayey silt, mixed gravel
23	1227	fill	19	10yr 4/3	silt, brown, mixed gravel
23	1200	backfill	22	10yr 4/3	clayey silt, mixed gravel and pebbles
24	1201	backfill	23	10yr 3/6	sandy clay, yellowish-brown, gravel and pebbles
25	1202	backfill	24	various	silty sand, greyish-black, patches of yellowish-brown sandy clay, flecks of charcoal, angular gravel
25	1203	backfill	24	various	silty sand, flecks of charcoal

Int	Context	Identity	Feature	Munsell	Description
25	1207	backfill	26	various	silty sand, brown, flecks of charcoal
26	1204	backfill	25	10yr 4/3	sandy clay, brown, inclusions of gravel, pebbles and charcoal
27	1208	backfill	27	10yr 3/2	silt, dark brown, inclusions of mixed gravel, pebbles
27	1209	backfill	28	10yr 4/2	silt, greyish brown, inclusions of mixed gravel and pebbles
27	1210	backfill	29	10yr 4/4	clayey silt, brown, frequent mixed gravel
27	1198	backfill	20	10yr 5/4	clayey silt, mixed gravel
27	1211	fill	30	10yr 5/2	silt, brown, frequent mixed gravel and pebbles
27	1216	backfill	30	various	silt, grey, rare mixed gravel
27	1217	fill	30	various	sand, grey, lenses of orange sand, frequent gravel
27	1218	fill	30	10yr 5/1	silt, grey, rare charcoal flecks
27	1219	fill	30	10yr 4/3	peat, occasional silver sand lenses, mixed gravel
27	1220	fill	30	10yr 5/1	silt, grey, rare mixed gravel and charcoal flecks
28	1214	backfill	32	5y 3/2	sandy clay, olive grey, frequent charcoal flecks, occasional gravel
28	1215	backfill	32	various	clay sand, olive grey, patches of yellow sand, frequent stones and gravel
29	1199	fill	21	10yr 4/4	clayey silt, mixed gravel and pebbles
29	1222	fill	21	various	clayey silt, flecks of orange silt mixed gravel and pebbles
29	1223	fill	21	10yr 3/3	clayey silt, brown
29	1224	backfill	34	2.5y 4/3	sandy silt, olive brown, mixed gravel inclusions
29	1225	backfill	35	2.5y 5/2	sandy silt, greyish-brown, inclusions of mixed gravel
29	1226	backfill	36	2.5y 6/3	silty clay, yellowish-brown, no inclusions
29	1228	backfill	36	10yr 3/1	sandy silt, dark grey, rare pebbles
30	1212	backfill	31	2.5y 5/3	sandy clay, olive grey, rare flecks of charcoal and occasional pebbles
30	1213	backfill	31	2.5y 4/1	sandy clay, lumps of charcoal, frequent rounded stones
31	1221	backfill	33	5y 6/4	sand, grey, inclusions of charcoal flecks and pebbles
33	1233	skeleton	39	-	articulated canine skeleton
33	1234	backfill	39	2.5y 4/2	sandy clay, greyish-brown, inclusions of rare charcoal flecks, pebbles and gravel
33	1235	backfill	40	various	sandy clay, grey, brown staining, inclusions of frequent gravel, pebbles, charcoal flecks
33	1236	backfill	40	10b 3/1	sandy clay, bluish-grey, occasional pebbles
33	1237	backfill	41	10yr 3/1	silty sand, dark grey, frequent patches of yellowish-brown and grey sand, frequent gravel and pebble

Int	Context	Identity	Feature	Munsell	Description
33	1244	fill	47	10yr 3/2	clayey silt, brown, lumps of orange brown mineral staining
33	1245	fill	47	10yr 3/1	peaty silt
34	1246	backfill	48	10yr 4/3	silt, brown
34	1248	backfill	50	10yr 4/3	sandy silt, dark brown mineral staining
36	1229	backfill	37	10yr 4/3	sandy silt, brown, inclusions of gravel and pebbles
36	1230	backfill	38	various	sandy clay, yellowish-brown, patches of light grey sand, dark brown sand and inclusions of angular gravel
36	1231	backfill	38	10yr 5/6	sandy clay, yellowish-brown, frequent iron panning, frequent fragments of iron slag
36	1232	backfill	38	5yr 3/1	sandy clay, rare pebbles
36	1239	backfill	43		silty sand, frequent pebbles and gravel
36	1240	backfill	44		silty sand, frequent pebbles and gravel
36	1241	fill	45	10yr 4/1	clayey silt, flecks of orange brown mineral staining
36	1242	fill	46	7.5yr 3/1	peat, rare fragments of stone
36	1243	fill	46	10yr 4/1	clay, inclusions of pebbles and gravel
37	1238	backfill	42	10yr 3/3	silt, dark brown, yellowish-brown mineral staining, frequent gravel and pebble inclusions
38	1247	backfill	49	10yr 4/3	sandy silt, frequent flecks of charcoal
39	1250	backfill	52	10yr 4/2	sandy silt, brown, flecks of mineral staining, inclusions of charcoal flecks
40	1249	backfill	51	10yr 4/2	sandy silt, flecks of charcoal, lumps of iron pan
42	1251	backfill	53	various	silty sand, with sand percentage, sterile
6 TP39	1252	sieved spit	-	-	spit 1 0 - 10cm
6 TP39	1253	sieved spit	-	-	spit 2 10 - 20cm
6 TP39	1254	sieved spit	-	-	spit 3 20 - 30cm
6 TP40	1255	sieved spit	-	-	spit 1 0 - 10cm
6 TP40	1256	sieved spit	-	-	spit 2 10 - 20cm
6 TP40	1257	sieved spit	-	-	spit 3 20 - 30cm
6 TP41	1258	sieved spit	-	-	spit 1 0 - 10cm
6 TP41	1259	sieved spit	-	-	spit 2 10 - 20cm
6 TP41	1260	sieved spit	-	-	spit 3 20 - 30cm
6 TP42	1261	sieved spit	-	-	spit 1 0 - 10cm
6 TP42	1262	sieved spit	-	-	spit 2 10 - 20cm
6 TP42	1263	sieved spit	-	-	spit 3 20 - 30cm
6 TP43	1264	sieved spit	-	-	spit 1 0 - 10cm
6 TP43	1265	sieved spit	-	-	spit 2 10 - 20cm

Int	Context	Identity	Feature	Munsell	Description
6 TP43	1266	sieved spit	-	-	spit 3 20 - 30cm
6 TP44	1267	sieved spit	-	-	spit 1 0 - 10cm
6 TP44	1268	sieved spit	-	-	spit 2 10 - 20cm
6 TP44	1269	sieved spit	-	-	spit 3 20 - 30cm
6 TP45	1270	sieved spit	-	-	spit 1 0 - 10cm
6 TP45	1271	sieved spit	-	-	spit 2 10 - 20cm
6 TP45	1272	sieved spit	-	-	spit 3 20 - 30cm
6 TP46	1273	sieved spit	-	-	spit 1 0 - 10cm
6 TP46	1274	sieved spit	-	-	spit 2 10 - 20cm
6 TP46	1275	sieved spit	-	-	spit 3 20 - 30cm
6 TP47	1276	sieved spit	-	-	spit 1 0 - 10cm
6 TP47	1277	sieved spit	-	-	spit 2 10 - 20cm
6 TP47	1278	sieved spit	-	-	spit 3 20 - 30cm
6 TP48	1279	sieved spit	-	-	spit 1 0 - 10cm
6 TP48	1280	sieved spit	-	-	spit 2 10 - 20cm
6 TP48	1281	sieved spit	-	-	spit 3 20 - 30cm
6 TP49	1282	sieved spit	-	-	spit 1 0 - 10cm
6 TP49	1283	sieved spit	-	-	spit 2 10 - 20cm
6 TP49	1284	sieved spit	-	-	spit 3 20 - 30cm
6 TP50	1285	sieved spit	-	-	spit 1 0 - 10cm
6 TP50	1286	sieved spit	-	-	spit 2 10 - 20cm
6 TP50	1287	sieved spit	-	-	spit 3 20 - 30cm
6 TP51	1288	sieved spit	-	-	spit 1 0 - 10cm
6 TP51	1289	sieved spit	-	-	spit 2 10 - 20cm
6 TP51	1290	sieved spit	-	-	spit 3 20 - 30cm
6 TP52	1291	sieved spit	-	-	spit 1 0 - 10cm
6 TP52	1292	sieved spit	-	-	spit 2 10 - 20cm
6 TP52	1293	sieved spit	-	-	spit 3 20 - 30cm
6 TP53	1294	sieved spit	-	-	spit 1 0 - 10cm
6 TP53	1295	sieved spit	-	-	spit 2 10 - 20cm
6 TP53	1296	sieved spit	-	-	spit 3 20 - 30cm
6 TP54	1297	sieved spit	-	-	spit 1 0 - 10cm
6 TP54	1298	sieved spit	-	-	spit 2 10 - 20cm
6 TP54	1299	sieved spit	-	-	spit 3 20 - 30cm
6 TP55	1300	sieved spit	-	-	spit 1 0 - 10cm
6 TP55	1301	sieved spit	-	-	spit 2 10 - 20cm

Int	Context	Identity	Feature	Munsell	Description
6 TP55	1302	sieved spit	-	-	spit 3 20 - 30cm
6 TP56	1303	sieved spit	-	-	spit 1 0 - 10cm
6 TP56	1304	sieved spit	-	-	spit 2 10 - 20cm
6 TP56	1305	sieved spit	-	-	spit 3 20 - 30cm
6 TP57	1306	sieved spit	-	-	spit 1 0 - 10cm
6 TP57	1307	sieved spit	-	-	spit 2 10 - 20cm
6 TP57	1308	sieved spit	-	-	spit 3 20 - 30cm
6 TP58	1309	sieved spit	-	-	spit 1 0 - 10cm
6 TP58	1310	sieved spit	-	-	spit 2 10 - 20cm
6 TP58	1311	sieved spit	-	-	spit 3 20 - 30cm
6 TP59	1312	sieved spit	-	-	spit 1 0 - 10cm
6 TP59	1313	sieved spit	-	-	spit 2 10 - 20cm
6 TP59	1314	sieved spit	-	-	spit 3 20 - 30cm
6 TP60	1315	sieved spit	-	-	spit 1 0 - 10cm
6 TP60	1316	sieved spit	-	-	spit 2 10 - 20cm
6 TP60	1317	sieved spit	-	-	spit 3 20 - 30cm
6 TP61	1318	sieved spit	-	-	spit 1 0 - 10cm
6 TP61	1319	sieved spit	-	-	spit 2 10 - 20cm
6 TP61	1320	sieved spit	-	-	spit 3 20 - 30cm
6 TP62	1321	sieved spit	-	-	spit 1 0 - 10cm
6 TP62	1322	sieved spit	-	-	spit 2 10 - 20cm
6 TP62	1323	sieved spit	-	-	spit 3 20 - 30cm
6 TP63	1324	sieved spit	-	-	spit 1 0 - 10cm
6 TP63	1325	sieved spit	-	-	spit 2 10 - 20cm
6 TP63	1326	sieved spit	-	-	spit 3 20 - 30cm
6 TP64	1327	sieved spit	-	-	spit 1 0 - 10cm
6 TP64	1328	sieved spit	-	-	spit 2 10 - 20cm
6 TP64	1329	sieved spit	-	-	spit 3 20 - 30cm
6 TP65	1330	sieved spit	-	-	spit 1 0 - 10cm
6 TP65	1331	sieved spit	-	-	spit 2 10 - 20cm
6 TP65	1332	sieved spit	-	-	spit 3 20 - 30cm
6 TP66	1333	sieved spit	-	-	spit 1 0 - 10cm
6 TP66	1334	sieved spit	-	-	spit 2 10 - 20cm
6 TP66	1335	sieved spit	-	-	spit 3 20 - 30cm
6 TP67	1336	sieved spit	-	-	spit 1 0 - 10cm
6 TP67	1337	sieved spit	-	-	spit 2 10 - 20cm

Int	Context	Identity	Feature	Munsell	Description
6 TP67	1338	sieved spit	-	-	spit 3 20 - 30cm
6 TP68	1339	sieved spit	-	-	spit 1 0 - 10cm
6 TP68	1340	sieved spit	-	-	spit 2 10 - 20cm
6 TP68	1341	sieved spit	-	-	spit 3 20 - 30cm
6 TP69	1342	sieved spit	-	-	spit 1 0 - 10cm
6 TP69	1343	sieved spit	-	-	spit 2 10 - 20cm
6 TP69	1344	sieved spit	-	-	spit 3 20 - 30cm
6 TP70	1345	sieved spit	-	-	spit 1 0 - 10cm
6 TP70	1346	sieved spit	-	-	spit 2 10 - 20cm
6 TP70	1347	sieved spit			spit 3 20 - 30cm
6 TP71	1348	sieved spit	-	-	spit 1 0 - 10cm
6 TP71	1349	sieved spit	-	-	spit 2 10 - 20cm
6 TP71	1350	sieved spit	-	-	spit 3 20 - 30cm
6 TP72	1351	sieved spit	-	-	spit 1 0 - 10cm
6 TP72	1352	sieved spit	-	-	spit 2 10 - 20cm
6 TP72	1353	sieved spit	-	-	spit 3 20 - 30cm
6 TP73	1354	sieved spit	-	-	spit 1 0 - 10cm
6 TP73	1355	sieved spit	-	-	spit 2 10 - 20cm
6 TP73	1356	sieved spit	-	-	spit 3 20 - 30cm
6 TP74	1357	sieved spit	-	-	spit 1 0 - 10cm
6 TP74	1358	sieved spit	-	-	spit 2 10 - 20cm
6 TP74	1359	sieved spit	-	-	spit 3 20 - 30cm
6 TP75	1360	sieved spit	-	-	spit 1 0 - 10cm
6 TP75	1361	sieved spit	-	-	spit 2 10 - 20cm
6 TP75	1362	sieved spit	-	-	spit 3 20 - 30cm
6 TP76	1363	sieved spit	-	-	spit 1 0 - 10cm
6 TP76	1364	sieved spit	-	-	spit 2 10 - 20cm
6 TP76	1365	sieved spit	-	-	spit 3 20 - 30cm
6 TP77	1366	sieved spit	-	-	spit 1 0 - 10cm
6 TP77	1367	sieved spit	-	-	spit 2 10 - 20cm
6 TP77	1368	sieved spit	-	-	spit 3 20 - 30cm
6 TP78	1369	sieved spit	-	-	spit 1 0 - 10cm
6 TP78	1370	sieved spit	-	-	spit 2 10 - 20cm
6 TP78	1371	sieved spit	-	-	spit 3 20 - 30cm
6 TP79	1372	sieved spit	-	-	spit 1 0 - 10cm
6 TP79	1373	sieved spit	-	-	spit 2 10 - 20cm

Int	Context	Identity	Feature	Munsell	Description
6 TP79	1374	sieved spit	-	-	spit 3 20 - 30cm
6 TP80	1375	sieved spit	-	-	spit 1 0 - 10cm
6 TP80	1376	sieved spit	-	-	spit 2 10 - 20cm
6 TP80	1377	sieved spit	-	-	spit 3 20 - 30cm
6 TP81	1378	sieved spit	-	-	spit 1 0 - 10cm
6 TP81	1379	sieved spit	-	-	spit 2 10 - 20cm
6 TP81	1380	sieved spit	-	-	spit 3 20 - 30cm
6 TP82	1381	sieved spit	-	-	spit 1 0 - 10cm
6 TP82	1382	sieved spit	-	-	spit 2 10 - 20cm
6 TP82	1383	sieved spit	-	-	spit 3 20 - 30cm
6 TP83	1384	sieved spit	-	-	spit 1 0 - 10cm
6 TP83	1385	sieved spit	-	-	spit 2 10 - 20cm
6 TP83	1386	sieved spit	-	-	spit 3 20 - 30cm
6 TP84	1387	sieved spit	-	-	spit 1 0 - 10cm
6 TP84	1388	sieved spit	-	-	spit 2 10 - 20cm
6 TP84	1389	sieved spit	-	-	spit 3 20 - 30cm
6 TP85	1390	sieved spit	-	-	spit 1 0 - 10cm
6 TP85	1391	sieved spit	-	-	spit 2 10 - 20cm
6 TP85	1392	sieved spit	-	-	spit 3 20 - 30cm
6 TP86	1393	sieved spit	-	-	spit 1 0 - 10cm
6 TP86	1394	sieved spit	-	-	spit 2 10 - 20cm
6 TP86	1395	sieved spit	-	-	spit 3 20 - 30cm
6 TP87	1396	sieved spit	-	-	spit 1 0 - 10cm
6 TP87	1397	sieved spit	-	-	spit 2 10 - 20cm
6 TP87	1398	sieved spit	-	-	spit 3 20 - 30cm
6 TP88	1399	sieved spit	-	-	spit 1 0 - 10cm
6 TP88	1400	sieved spit	-	-	spit 2 10 - 20cm
6 TP88	1401	sieved spit	-	-	spit 3 20 - 30cm
6 TP89	1402	sieved spit	-	-	spit 1 0 - 10cm
6 TP89	1403	sieved spit	-	-	spit 2 10 - 20cm
6 TP89	1404	sieved spit	-	-	spit 3 20 - 30cm
6 TP90	1405	sieved spit	-	-	spit 1 0 - 10cm
6 TP90	1406	sieved spit	-	-	spit 2 10 - 20cm
6 TP90	1407	sieved spit	-	-	spit 3 20 - 30cm
6 TP91	1408	sieved spit	-	-	spit 1 0 - 10cm

Int	Context	Identity	Feature	Munsell	Description
6 TP91	1409	sieved spit	-	-	spit 2 10 - 20cm
6 TP91	1410	sieved spit	-	-	spit 3 20 - 30cm
6 TP92	1411	sieved spit	-	-	spit 1 0 - 10cm
6 TP92	1412	sieved spit	-	-	spit 2 10 - 20cm
6 TP92	1413	sieved spit	-	-	spit 3 20 - 30cm
6 TP93	1414	sieved spit	-	-	spit 1 0 - 10cm
6 TP93	1415	sieved spit	-	-	spit 2 10 - 20cm
6 TP93	1416	sieved spit	-	-	spit 3 20 - 30cm
6 TP94	1417	sieved spit	-	-	spit 1 0 - 10cm
6 TP94	1418	sieved spit	-	-	spit 2 10 - 20cm
6 TP94	1419	sieved spit	-	-	spit 3 20 - 30cm
37	1420	backfill	54	10yr4/3	sandy silt, brown, frequent mixed gravel
38	1421	backfill	55	10yr 4/3	sandy silt, brown, frequent mixed gravel
6 TP95	1422	sieved spit	-	-	spit 1 0 - 10cm
6 TP95	1423	sieved spit	-	-	spit 2 10 - 20cm
6 TP95	1424	sieved spit	-	-	spit 3 20 - 30cm
6 TP96	1425	sieved spit	-	-	spit 1 0 - 10cm
6 TP96	1426	sieved spit	-	-	spit 2 10 - 20cm
6 TP96	1427	sieved spit	-	-	spit 3 20 - 30cm
6 TP97	1428	sieved spit	-	-	spit 1 0 - 10cm
6 TP97	1429	sieved spit	-	-	spit 2 10 - 20cm
6 TP97	1430	sieved spit	-	-	spit 3 20 - 30cm
6 TP98	1431	sieved spit	-	-	spit 1 0 - 10cm
6 TP98	1432	sieved spit	-	-	spit 2 10 - 20cm
6 TP98	1433	sieved spit	-	-	spit 3 20 - 30cm
6 TP99	1434	sieved spit	-	-	spit 1 0 - 10cm
6 TP99	1435	sieved spit	-	-	spit 2 10 - 20cm
6 TP99	1436	sieved spit	-	-	spit 3 20 - 30cm
6 TP100	1437	sieved spit	-	-	spit 1 0 - 10cm
6 TP100	1438	sieved spit	-	-	spit 2 10 - 20cm
6 TP100	1439	sieved spit	-	-	spit 3 20 - 30cm
6 TP101	1440	sieved spit	-	-	spit 1 0 - 10cm
6 TP101	1441	sieved spit	-	-	spit 2 10 - 20cm
6 TP101	1442	sieved spit	-	-	spit 3 20 - 30cm

Int	Context	Identity	Feature	Munsell	Description
6 TP102	1443	sieved spit	-	-	spit 1 0 - 10cm
6 TP102	1444	sieved spit	-	-	spit 2 10 - 20cm
6 TP102	1445	sieved spit	-	-	spit 3 20 - 30cm
6 TP103	1446	sieved spit	-	-	spit 1 0 - 10cm
6 TP103	1447	sieved spit	-	-	spit 2 10 - 20cm
6 TP103	1448	sieved spit	-	-	spit 3 20 - 30cm
6 TP104	1449	sieved spit	-	-	spit 1 0 - 10cm
6 TP104	1450	sieved spit	-	-	spit 2 10 - 20cm
6 TP104	1451	sieved spit	-	-	spit 3 20 - 30cm
6 TP105	1452	sieved spit	-	-	spit 1 0 - 10cm
6 TP105	1453	sieved spit	-	-	spit 2 10 - 20cm
6 TP105	1454	sieved spit	-	-	spit 3 20 - 30cm
6 TP106	1455	sieved spit	-	-	spit 1 0 - 10cm
6 TP106	1456	sieved spit	-	-	spit 2 10 - 20cm
6 TP106	1457	sieved spit	-	-	spit 3 20 - 30cm
6 TP107	1458	sieved spit	-	-	spit 1 0 - 10cm
6 TP107	1459	sieved spit	-	-	spit 2 10 - 20cm
6 TP107	1460	sieved spit	-	-	spit 3 20 - 30cm
6 TP108	1461	sieved spit	-	-	spit 1 0 - 10cm
6 TP108	1462	sieved spit	-	-	spit 2 10 - 20cm
6 TP108	1463	sieved spit	-	-	spit 3 20 - 30cm
6 TP109	1464	sieved spit	-	-	spit 1 0 - 10cm
6 TP109	1465	sieved spit	-	-	spit 2 10 - 20cm
6 TP109	1466	sieved spit	-	-	spit 3 20 - 30cm
6 TP110	1467	sieved spit	-	-	spit 1 0 - 10cm
6 TP110	1468	sieved spit	-	-	spit 2 10 - 20cm
6 TP110	1469	sieved spit	-	-	spit 3 20 - 30cm
6 TP111	1470	sieved spit	-	-	spit 1 0 - 10cm
6 TP111	1471	sieved spit	-	-	spit 2 10 - 20cm
6 TP111	1472	sieved spit	-	-	spit 3 20 - 30cm
6 TP112	1473	sieved spit	-	-	spit 1 0 - 10cm
6 TP112	1474	sieved spit	-	-	spit 2 10 - 20cm
6 TP112	1475	sieved spit	-	-	spit 3 20 - 30cm

Table 2 Summary of feature records

Int	Feature	Identity	Context	Dimensions (m)	Profile
7	1	pit	1111	0.45 x 0.30 x 0.25	u - shaped
7	2	pit	1112	0.20 x 0.39 x 0.05	u - shaped
7	3	natural feature	1113	4.0 x 3.0 x 0.50	u - shaped
8	4	natural feature	1114	3.0 x 1.0 x 0.35	u - shaped
9	5	ditch	1115	2.0 x 0.5 x 0.25	u - shaped
9	6	ditch	1116, 1122	2.0 x 1.0 x 0.35	not seen
10	7	pit	1117	1.0 x 0.5 x 0.10	u - shaped
10	11	pit / posthole	1123	0.3 x 0.51 x 0.07	u - shaped
11	8	gully	1118	>3.97 x 0.30 x 0.25	u - shaped
12	9	pit	1119	0.61x 0.63 x 0.30	u - shaped
12	10	pit	1120	0.50 x 0.52 x 0.15	u -shaped
16	14	posthole	1188	0.30 x 0.40 x 0.20	u - shaped
17	12	gully	1186	2.3 x0.2 x 0.40	u - shaped
18	13	ditch	1187	1.50 x 1.84 x 0.75 excavated dimensions	scoop
23	15	scoop	1189, 1197	0.5 x 0.23 x 0.10	u - shaped
23	16	pit	1191	0.57 x 0.45 x 0.40	u - shaped
23	17	pit	1196	0.45 x 0.35 x 0.25	u - shaped
23	18	pit	1192, 1193, 1194, 1195	4.40 x 2.17 x 0.90 excavated dimensions	u - shaped
23	19	sink hole	1205, 1206, 1227	5.59 x 3.23 x 1.13 visible dimensions	not seen
23	22	scoop	1200	1.00 x 0.40 x 0.15	u - shaped
24	23	posthole	1201	0.46 x 0.49 x 0.31 visible dimensions	not seen
25	24	posthole	1202, 1203	0.66 x 0.69 x 0.14	u -shaped
25	26	posthole	1207	0.76 x 0.71 x 0.17	u - shaped
26	25	posthole	1204	0.59 x 0.56 x 0.16	u - shaped
27	20	not a feature	1198	6.50 x 3.50 x 0.15 visible dimensions	irregular
27	27	pit	1208	0.90 x 1.40 x 0.61	u - shaped
27	28	scoop	1209	0.80 x 0.67 x 0.15	u - shaped
27	29	pit/ditch butt - end	1210	2.0 x 2.10 x 0.50	u - shaped
27	30	sink hole	1211, 1216, 1217, 1218, 1219, 1220	>4.00 x 3.00 x 2.50 visible dimensions	not seen

Int	Feature	Identity	Context	Dimensions (m)	Profile
28	28	posthole	1214, 1215	0.25 x 0.60 x 0.16	not seen
29	21	sink hole	1199, 1222, 1223	3.00 x 2.00 x 1.20	not seen
29	34	gully	1224	3.93 x 0.7 x 0.29 visible dimensions	u - shaped
29	35	pit/posthole	1225	0.70 x 0.35 x 0.10	u - shaped
29	36	pit/posthole	1226, 1228	0.90 x 0.60 x 0.21	u - shaped
30	31	pit	1212, 1213	1.21 x 0.60 x 0.27	u - shaped
31	33	gully	1221	2.09 x 0.08 x 0.57	u - shaped
33	39	grave	1233, 1234	0.68 x 1.10 x 0.13	u - shaped
33	40	pit	1235, 1236	2.14 x 0.68 x 0.16	u - shaped
33	41	gully	1237	4.05 x 0.65 x 0.24 visible dimensions	u - shaped
33	47	channel	1244, 1245	9.00 x 3.9 x 0.30 visible dimensions	scoop
34	50	pit	1248	1.40 x 1.44 x 0.19	u - shaped
34	48	furrow	1246	2.00 x 1.00 x 0.14	u - shaped
36	37	scoop	1229	2.00 x 2.50 x 0.10	scoop
36	38	pit	1230, 1231, 1232	0.77 x 1.82 x 0.43	u - shaped
36	43	field drain	1239	10.35 x 0.44 visible dimensions	not seen
36	44	field drain	1240	27.98 x 0.45 visible dimensions	not seen
36	45	ditch	1241	4.15 x 4.07 x 0.59 visible dimensions	u - shaped
36	46	channel	1242, 1243	6.89 x 4.18 x 0.43	u - shaped
37	42	scoop	1238	1.00 x 0.45 x 0.08	scoop
38	49	pit	1247	0.30 x 0.25 x 0.07	u - shaped
39	52	scoop	1250	0.22 x 0.18 x 0.09	u - shaped
40	51	scoop	1249	0.33 x 0.31 x 0.03	scoop
42	53	channel	1251	4.03 x 5.60 x 0.20	backfill
37	54	field drain	1420	31.02 x 0.52 visible dimensions	not seen
38	55	field drain	1421	4.14 x 0.57 visible dimensions	not seen

APPENDIX F ASSESSMENT OF PREHISTORIC POTTERY

Blaise Vyner

1.0 INTRODUCTION

Assessment has been undertaken in order to obtain preliminary information on the chronology and nature of the pottery assemblage, and the range of pottery fabrics present, and to provide information on the extent and nature of any further required examination of the material.

2.0 CERAMIC ASSEMBLAGES

Assemblage quantities in terms of the regional ceramic sequence: very small, 1-10 sherds; small 11-25 sherds; medium-sized, 25-100 sherds.

F1, C1111: comprises a small assemblage of sherds from two, perhaps three vessels. One vessel is represented by a single plain sherd, while a group of sherds derive from one or two thick-walled vessels decorated with wide deep grooves: Late Neolithic Grooved Ware.

F7, C1117: comprises a small assemblage of sherds from two, perhaps three, plainware vessels. No diagnostic features are visible.

F16, C1191: comprises a small assemblage of sherds, apparently from three vessels. One appears to have been a deep, bag-shaped vessel with a carination, and is probably Neolithic Grimston Ware. The second is a thin-walled jar in a quartz-gritted fabric with a flat base and flared sides, and the third is a vessel of uncertain form, but with thicker walls and a fabric from which numerous calcitic grits have leached.

F17, C1196: Very small assemblage of comprising small and damaged sherds from two vessels, probably later Neolithic.

3.0 ASSESSMENT

3.1 CHRONOLOGY

Chronology of Grimston Ware from the region remains unclear. Traditionally seen as an earlier to middle Neolithic ceramic type, it appears to survive into the currency of later Neolithic Grooved ware. Both styles have been found in previous archaeological work in the Nosterfield area. The likely period represented by the pottery in this assemblage is 3500 - 2500 BC.

3.2 EXTENT OF THE ASSEMBLAGE

This is a small assemblage which is of interest because such pottery remains rare within Yorkshire and the region, and because it can make a useful contribution to the understanding of the nature of Neolithic activity in an area where a variety of contemporary sites is present. In addition to Nosterfield, pottery of this kind is known from Marton-le-Moor and Scorton.

3.3 NATURE OF THE ASSEMBLAGE

The few vessels represented here appear to vary widely in style and form. Each is represented by only a few sherds, suggesting that selective deposition may have taken place, as has been suggested for other locations in the Nosterfield area.

3.4 RANGE OF VESSEL FABRICS

Three principal fabric types are present. Some sherds contain few obvious added grits, while others have large fragments of igneous or quartzitic grit which has been added presumably to reduce heat shock during firing. A number of sherds have numerous cavities from which calcitic grits - perhaps gypsum - have leached, leaving an open, corky texture.

3.5 ACCRETIONS

No carbonised accretions have been noted during assessment.

4.0 RECOMMENDATIONS

4.1 ILLUSTRATION

Four sherds of pottery have been provisionally identified as worthy of illustration. Detailed analysis of the assemblage may increase this drawing requirement by one or two pieces.

4.2 CONSERVATION

The calcitic gritted sherds are weak and liable to fragmentation and should be consolidated. Other sherds are fairly robust with no obvious requirement for conservation.

4.3 FURTHER ANALYSIS

This ceramic assemblage has the potential to contribute usefully to the further understanding of the site and its regional context. This material should be examined and analysed leading to production of a report(s) containing:

1. The identification of the pottery fabric fillers, with an indication of the relative proportion of each fabric or recognisable vessel (by weight to the nearest 5g).
2. Brief review of the pottery in the regional context.
3. Note of any contribution from the ceramic assemblage to the interpretation of site status and function.

APPENDIX G ASSESSMENT OF SOIL SAMPLES

Headland Archaeology and Field Archaeology Specialists Ltd

1.0 INTRODUCTION

Archaeological evaluation undertaken at Ladybridge Farm by Field Archaeology Specialists between September and October 2004 recovered a total of 230 litres of sediment from prehistoric features and naturally accumulating marl and peat deposits. The samples were retained from the fills of seven features being nine distinct deposits. The samples were subject either to flotation or more detailed examination to assess the character and preservation of environmental information in the range of feature types encountered across the site.

Dependent upon their potential and volume, samples were subjected to one or two processing techniques of increasingly fine recovery. As a result all the samples were processed through flotation in a Sirāf (water recycling) tank, and four sub-samples from F46 and F47 were retained for further analysis due to the presence of uncharred organic material. Macroplant remains, both carbonised and waterlogged, were identified by Mhairi Hastie, Headland Archaeology.

1.1 AIMS AND OBJECTIVES

The aim of the assessment was to record, characterise and establish the environmental potential of archaeological deposits present at the site in accordance with the Method Statement (see Appendix A). In addition, the aim of the sediment analysis was twofold: to maximise the amount of data recovered from the excavated sediments and, to establish the character of the archaeological sediments in terms of the presence and preservation of uncharred and charred organic material such as plants and insects that could be further studied toward the elucidation of past diet, living conditions and building materials as well as the reconstruction of site formation processes.

1.2 METHODOLOGY

Sirāf flotation was used for samples with potential for waterlogged preservation of organic materials and for fine charred organic matter (such as carbonised wood, seeds and grains). Samples were washed down within a 1mm mesh held inside a water recycling flotation (Sirāf) tank with the light fraction washed over into a 250 micron mesh. This light fraction was kept wet, as was the heavy residue if it contained uncharred organic material. Where there was evidence of uncharred material within flotation samples, a 1litre sub-sample was processed with the aim of identifying species present and capturing information on deposit formation and potential. Where no uncharred organic material was present, dried residues were screened using 2mm and 5mm test sieves, producing three fractions (<2mm, 2-5mm and >5mm), all of which were scanned rapidly, but only the larger two were sorted exhaustively for cultural and environmental materials. Notes were made on the abundance (rare, occasional, common or very common) and retention (discarded, sampled or kept) of these objects on recording pro-formae which are included in the site archive. Sorted residues which consisted solely of sterile mixed gravel were disposed of; several sediment samples yielded no light fraction and this was noted on recording pro-formae.

Carbonised plant remains recovered from flotation were submitted to Headland Archaeology for detailed assessment. The carbonised remains were scanned using a binocular microscope and any material of archaeological significance removed.

Four samples that were thought to contain organic remains were retained from two shallow depressions F46 & F47. One litre sub-samples from each deposit were submitted to Headland Archaeology for processing and assessment. A sub-sample, 0.5 litres in size, was wet-sieved through a 250 μm sieve and the material remaining in the sieve was then scanned using a binocular microscope. All identifications were made with reference to Headland Archaeology's comparative reference collection and seed atlases.

2.0 ASSESSMENT

F1 C1111

Flotation of the entire 10L sample produced no light fraction, the dense fraction weighed 3.262kg and contained rare charcoal, small lithic flakes and a few pieces of undiagnostic calcined bone; the remainder consisted of sterile gravel and was discarded.

F7 C1117

Flotation of the entire 10L sample produced no a small light fraction consisting of modern rootlets. The dense fraction weighed 5.06kg and contained rare charcoal and small lithic flakes; the remainder consisted of sterile gravel and was discarded.

F8 C1118

Flotation of the entire 10L sample produced no a small light fraction consisting of lots of modern rootlets. The dense fraction weighed 5.448kg and consisted of sterile gravel and was discarded.

F9 C1119

Flotation of the entire 10L sample produced a small light fraction consisting of modern rootlets. The dense fraction weighed 4.152kg and consisted of sterile gravel and was discarded.

F14 C1188

Flotation of the entire 10L sample produced a fair amount of light fraction consisting of charcoal. The dense fraction weighed 1.99kg and contained a fair amount of charcoal; the remainder consisted of sterile gravel and was discarded.

F46 C1242

Flotation of a 30L sub-sample produced a small light fraction consisting of fine silt and uncharred organic material. As a result further specialist analysis was commissioned. The dense fraction weighed 1.178kg and contained sterile gravel and was discarded.

F46 C1243

Flotation of a 30L sub-sample produced a fair amount of light fraction consisting of fine silt and uncharred organics. The dense fraction weighed 13.488kg and consisted of sterile gravel and peaty lumps. As a result further specialist analysis was commissioned.

F47 C1244

Flotation of a 30L sub-sample produced a small light fraction consisting of fine silt. The dense fraction weighed 2.762kg and consisted of sterile gravel and peaty lumps. As a result further specialist analysis was commissioned.

F47 C1245

Flotation of a 30L sub-sample produced a fair sized light fraction consisting of fine silt and uncharred organics. As a result further specialist analysis was commissioned. The dense fraction weighed 5.298kg and consisted of sterile gravel and was discarded.

3.0 DISCUSSION

3.1 SIRĂF SAMPLES

The flotation of the retained samples from the site determined that 70 of the 230 litres of sediment retained during excavation did not contain uncharred organics or invertebrate remains. In addition 20 of the litres processed were deemed to be completely sterile and to contain only modern uncharred organic in the form of modern rootlets. Flotation did identify samples which contained uncharred organics and which should be subject to further more detailed examination, although without exception the presence of uncharred organcis had already been noted during excavation. The method also allowed the capture of charred organics, from Late Neolithic and undated features. In addition, the enhanced recovery of small lithic flakes was noted in features of probable Late Neolithic date where larger fragments had been collected by hand.

3.2 LABORATORY SAMPLES (Tables 1 and 2)

Neolithic features: F1, F7 & F14
Small fragments of abraded wood charcoal were present in all three samples, albeit in very low quantities. Oak dominated the samples although occasional small fragments of non-oak charcoal were also recovered from C1111 (pit F1) and C1117 (pit F7). Only one sample, C1188 (post-hole F14), contained sufficiently large fragments of charcoal for single entity AMS dating. Small-abraded fragments of carbonised hazelnut shell were recovered from C1111 (pit F1). These were poorly preserved and are not sufficiently large enough for single entity AMS dating.

Naturally accumulating deposits: F46 & F47
The samples consisted principally of well-humified peat and sand/fine gravel. Occasional poorly preserved fragments of root and small spongy fragments of wood were present in Context 1243. No other macroplant remains were recovered. Wood charcoal was present, albeit in extremely small quantities, and initial scanning of the charcoal suggests that it consisted principally of oak (*Quercus* sp.). Small fragments of insect pupae were present in C1243 (F46) and C1245 (F47) and natural cylindrical iron concretions were recovered from three samples, C1242 (F46), C1244 and C1245 (both F47). None of the material from these four samples is suitable for radiocarbon dating.

4.0 ASSESSMENT

Carbonised remains recovered consisted principally of small fragments of wood charcoal and occasional abraded fragments of hazelnut shell. The quantity of the material recovered from each sample was low and the material is unlikely to relate to the original function of the features from which it was recovered.

The organic samples consisted of well-humified peat and there were no significant differences in composition. No recognisable plant remains were recovered apart from small fragments of wood charcoal. Occasional fragments of insect pupae and root debris were preserved but these are likely to be later contaminants of the deposits.

The concentration of macroplant remains recovered from both the natural accumulating deposits and the prehistoric features was low and preservation was poor. If this is typical of other samples and future deposits then the potential for the recovery of significant macroplant remains is minimal.

Further sampling for macroplant remains should concentrate on deposits that contain significant quantities of well-preserved carbonised or waterlogged remains, with all deposits of potential palaeoenvironmental significance being assessed in order to confirm their value prior to any detailed analysis being conducted.

5.0 RECOMMENDATIONS

Further analysis of assessed samples

Any detailed analysis of the macroplant remains recovered from the assessed samples would add little to the information gained above and no further work is recommended.

One sample, C1188, contained sufficiently large enough fragments of charcoal for single entity AMS dating if this is required.

Further Excavation: Sampling strategy

Sampling should concentrate on deposits that contain large concentrations of carbonised or waterlogged macroplant remains. Assessment of all samples should be carried out prior to any detailed analysis to identify their value for obtaining relevant palaeoenvironmental information.

Table 1

Int	FNo	CNo	Sample size (litres)	Quantity assessed	Context details	Composition of sample
36	46	1242	40	0.5	Upper fill of F46 consisting of desiccated peat	Well-humified peat +++ Poorly preserved wood fragments+ Roots+
36	46	1243	40	0.5	Lower fill of F46 consisting of clay	Well-humified peat +++ Wood charcoal + Insect pupae +
33	47	1244	40	0.5	Upper fill of F47 consisting of compacted clayey silt	Wood charcoal +
33	47	1245	40	0.5	Lower fill consisting of peaty silt	Well-humified peat +++ Wood charcoal + Insect pupae fragments + Roots +

Table 2

FNo	CNo	Sample	Int	Total sample size (litres)	Material assessed	Context details	Hazelnut shell	Qty	AMS	Charcoal Oak/non-oak
1	1111	1615	7	10	Flot residue >5mm & 250mm	Fill of pit	+	++		Non-oak
7	1117	1617	10	10	Flot residue >5mm & 250mm	Fill of pit		++		Mixed
14	1188	1623	16	10	Flot and flot residue >5mm	Fill of pit		++	*	Oak

APPENDIX H ASSESSMENT OF ZOOARCHAEOLOGICAL REMAINS

Stephen Rowland

1.0 INTRODUCTION

Archaeological evaluation undertaken at Ladybridge Farm by Field Archaeology Specialists between September and October 2004 recovered a small assemblage of hand-collected and coarse-sieved animal bone. Following a systematic fieldwalking survey, which produced a small assemblage of bone (Intervention 1, C1000), a total of 112 test pits and 42 interventions were excavated. Animal bone was recovered only from TP20 and TP23 and from four features from Interventions 27 and 33.

1.1 METHODOLOGY

The faunal remains from each context were rapidly scanned and notes were made on the state of preservation ('excellent', 'good', 'fair' or 'poor'), angularity ('spiky','rounded' or 'battered') , taxon and elements present, along with any modifications and pathological lesions. Following the procedures of the Environmental Archaeology Unit (Dobney et al 1999), only mandibles, teeth, or limb bones with at least one articular or metaphyseal surface were identified to species, the rest being identified more generally as medium mammal (sheep or pig sized) or large mammal (cow or horse sized).

2.0 ASSESSMENT (Table 1)

Int 1

Material from field-walking was well-preserved and verging on slightly rounded. There was a single measurable sheep metacarpal and two juvenile pig radii, all of which were large and robust consistent with having come from modern breeds. There were also two well-preserved fragments of oyster shell.

Int6

Test pits 20 and 23 yielded a fragment of rather modern neonatal large mammal rib and of medium mammal humerus (caprovid) respectively.

Int27

Two features produced animal bone, including pit F27 and sink hole F30. The fragment of large mammal long bone shaft from Pit F27 was badly eroded but quite dense while the fragments of large mammal tibia and premaxilla (both probably cow) were poorly preserved, cracked and dark in colour, consistent with a peaty depositional environment.

Int33

Two features identified comprised dog burial F39 and sink hole F47. The dog skeleton was adult and fairly complete, missing part of the hind leg, possibly due to truncation. The bones were well-preserved but not fresh, and were about the size of a small collie. Very localised weathering of the right zygomatic implied partial exposure, while the lack of wear on the teeth indicated a soft diet; this latter aspect is likely to imply a modern burial. The large mammal (cow) metarsal from channel F47 was dense but cracked and dark brown in colour, indicative of a wet environment of burial with occasional drying.

3.0 DISCUSSION

Combined with the lack of dating evidence there is little that can be deduced from such a small and disparate sample of material. The very low concentration of bone within such a large area of excavation along with the poor state of preservation

of much of the material would suggest that there is little potential for the systematic recovery of large assemblages of animal bone from the Ladybridge Farm site.

4.0 POTENTIAL FOR FURTHER ANALYSIS

The assemblage is too small to be of any future value, and as such, it is recommended that no further work be carried out on this material.

5.0 ARCHIVE

Electronic and paper records are stored by Field Archaeology Specialists Ltd.

References

Dobney, K., Jaques, S.D. and Johnstone, C. 1999. A protocol for recording vertebrate remains. *Reports from the Environmental Archaeology Unit* **99/15**

Table 1 Summary of zooarchaeological data recorded from Ladybridge Farm

Key: Int = Intervention, F=Feature, C=Context, Pr = Preservation; g=good, f=fair, p=poor; An = Angularity: s=spiky, r=rounded, b=battered; Size= fragment size (mm), Contents: sh/g = caprovid, lm = large mammal, mm1 = medium mammal 1, fb = freshly broken, M= measurable, df=distal epiphysis fused, du=distal epihpysis unfused, pu=proximal epiphysis unfused.

Int	F	C	Type	Date	Pr	An	Size	Contents
1		1000	Surface collection	Modern	F	R	20-140	Sheep: 1metacarpal, large, robust and modern-looking, M, df; pig: 2 juvenile radii, du, pu, large and modern-looking; Small goose: 1 tarsometarsus, fb, ringed - modern; oyster: 2 small fragments
6	TP20	1056	Sieved ploughsoil	?	F	S	30	lm neonatal rib fragment (fb)
6	TP23	1065	Sieved ploughsoil	?	F	S	30	mm1: humerus frag, (sh/g), fb
27	27	1208	Pit	?	F	B	60	lm long bone shaft fragment missing outer surface. Fb
27	30	1220	Sink hole	?	P	R	70	lm premaxilla. fb, cracked, dark brown and exfoliating
27	30	1211	Sink hole	?	P	B	170	lm tibia (cow), fb, cracked, dark brown and brush damaged.
33	39	1233	Dog burial	Modern	F	S	10-200	dog: near complete skeleton of a medium-sized adult dog. M, fb.
33	47	1245	Sink hole	?	F	B	50-100	lm(cow) metatarsal shaft, cracked, freshly broken, exfoliating