



□ archaeology



Phase II Archaeological Evaluation Report

Prepared for:

Swindon Borough Council Property Services Civic Offices Euclid Street Swindon SN1 2JH

Prepared by:

Wessex Archaeology
Portway House
Old Sarum Business Park
Salisbury
SP4 6EB

www.wessexarch.co.uk

November 2014

Report Ref: 102000.05 Planning Ref: S/02/2000MWT



Quality Assurance

Project Code	102000	Accession Code		Client Ref.	
Planning Application Ref.	S/02/2000MWT	Ordnance Survey (OS) national grid reference (NGR)	413075 183020	(centre)	

Version	Status*	Prepared by	Checked and Approved By	Approver's Signature	Date
v01	I	NB	SF	SF-	6/11/14
File:			•	00_Wichelstowe PHASE II IASE II_EVAL_Rep_V0.1.doc	
V02	E	SF	ADC	A.D. Croslett	10/11/14
File:			•	00_Wichelstowe PHASE II IASE II_EVAL_Rep_V0.2.doc	
	F	SF	RAC		17/11/14
File:				00_Wichelstowe PHASE II IASE II_EVAL_Rep_V0.3.doc	
File:					
File:					

^{*} I = Internal Draft; E = External Draft; F = Final

DISCLAIMER

THE MATERIAL CONTAINED IN THIS REPORT WAS DESIGNED AS AN INTEGRAL PART OF A REPORT TO AN INDIVIDUAL CLIENT AND WAS PREPARED SOLELY FOR THE BENEFIT OF THAT CLIENT. THE MATERIAL CONTAINED IN THIS REPORT DOES NOT NECESSARILY STAND ON ITS OWN AND IS NOT INTENDED TO NOR SHOULD IT BE RELIED UPON BY ANY THIRD PARTY. TO THE FULLEST EXTENT PERMITTED BY LAW WESSEX ARCHAEOLOGY WILL NOT BE LIABLE BY REASON OF BREACH OF CONTRACT NEGLIGENCE OR OTHERWISE FOR ANY LOSS OR DAMAGE (WHETHER DIRECT INDIRECT OR CONSEQUENTIAL) OCCASIONED TO ANY PERSON ACTING OR OMITTING TO ACT OR REFRAINING FROM ACTING IN RELIANCE UPON THE MATERIAL CONTAINED IN THIS REPORT ARISING FROM OR CONNECTED WITH ANY ERROR OR OMISSION IN THE MATERIAL CONTAINED IN THE REPORT. LOSS OR DAMAGE AS REFERRED TO ABOVE SHALL BE DEEMED TO INCLUDE, BUT IS NOT LIMITED TO, ANY LOSS OF PROFITS OR ANTICIPATED PROFITS DAMAGE TO REPUTATION OR GOODWILL LOSS OF BUSINESS OR ANTICIPATED BUSINESS DAMAGES COSTS EXPENSES INCURRED OR PAYABLE TO ANY THIRD PARTY (IN ALL CASES WHETHER DIRECT INDIRECT OR CONSEQUENTIAL) OR ANY OTHER DIRECT INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE.



Phase II Archaeological Evaluation Report

Contents

Sumn	mary	iv
Ackno	nowledgements	V
1	INTRODUCTION	1
1.1	Project background	
1.1	The Site	
1.2	The Site	I
2	ARCHAEOLOGICAL BACKGROUND	2
2.1	Introduction	2
2.2	Recent investigations in the area	2
3	METHODOLOGY	3
3.1	Aims and objectives	
3.2	Fieldwork methodology	
3.3	Monitoring	5
3.4	Recording	
3.5	Specialist strategies	5
	General	
	Artefact	
	Environmental	6
4	ARCHAEOLOGICAL RESULTS	6
4.1	Introduction	6
4.2	Area South of M4 (Figure 2)	6
	Introduction	
	Stratigraphic sequence	
	PrehistoricRomano-British	
	Undated	
4.3	West Wichel (Figures 3 and 4)	
	Introduction	
	Stratigraphic sequence	
	Prehistoric	
	Romano-British	
	Undated	
		•
5	ARTEFACTUAL EVIDENCE	9
5.1	Introduction	9



5.2	Pottery	g				
5.3	Other Finds					
6	ENVIRONMENTAL EVIDENCE	10				
7	DISCUSSION	10				
7.1	Summary	10				
7.2	Archaeological conclusion	10				
8	STORAGE AND CURATION	11				
8.1	Museum	11				
	Preparation of the archive					
	Discard policy					
	Copyright					
	Security Copy					
_	REFERENCES					
9.1	Bibliography	12				
	DICES					
Appendix	x 1: Trench Tables	14				
Appendix	x 2: Oasis Record	22				
Wichelsto	owe, Swindon, Wiltshire - Wessex Archaeology					
	OASIS ID - wessexar1-194625	22				
Tables						
Table 1:	Excavated trenches by Site area	4				
Table 2:	All finds by context (number / weight in grammes)					
Figures						
Figure 1:	 Site and evaluation trench location plan showing areas of archaeological p based on results 	otential				
Figure 2:						
Figure 3:						
Figure 4:						
Figure 5:	: Sections					
Sections	S					
Section 1						
Section 2	G					
Section 3						
Section 4 Section 5	g ,					
Section	5. South-east facing section of ditch 31605					
Plates	Manufair was bad, assessment on the CO 407					
Cover: Back cov	Working shot, excavating pit 32407 ver: Working shot, Trench 317					
243K 00V						
Plate 1:	South-west facing section of ditch 30212					
Plate 2:	North-west facing section of ditch 30004					
Plate 3:	West facing section of ditch 30108					



Plate 4: South facing section of pit **30104**

Plate 5: South-east facing section of posthole **30804**

Plate 6: Pit **32407**, view from the south-west

Plate 7: Gullies **32104** and **32106**, view from the north

Plate 8: **Trench 307**, view from the west

Plate 9: North-east facing section of furrow **30811**



Phase II Archaeological Evaluation Report

Summary

Wessex Archaeology (WA) was commissioned by Swindon Borough Council (the Client), to undertake an archaeological trial trench evaluation associated with a proposed development at Wichelstowe, located to the south of Swindon, Wiltshire, centred on National Grid Reference (NGR) 413075 183020.

Outline Planning Permission (OPP) for a proposed mixed-use development, including 4,500 dwellings, was granted consent in 2005. Various intrusive and non-intrusive archaeological projects were undertaken which identified a low level of archaeological activity within the Site, including Romano-British agricultural features and a number of medieval clay extraction pits. Further development at the Site was granted consent in 2014, informed by the results of a Phase I evaluation. Due to a number of constraints, comprising services and ecological issues, and with the agreement of the County Archaeologist, the Phase II works were completed as a condition of consent, and in accordance with a Natural England ecological licence.

The Phase II evaluation comprised the machine excavation of 29 trenches, in two broad areas within the Site. In keeping with the Phase I works, late prehistoric (Middle Bronze Age to Late Bronze Age) activity was recorded sporadically across the Site, with a small concentration of Middle/Late Bronze Age pottery from the features (a single posthole and ditches) within Trench 301 (to the south of the M4) and Trench 308 (in the West Wichel area).

An Iron Age gully and pit were recorded in Trenches 321 and 324 respectively, and may form part of a wider area of dispersed activity in the West Wichel area; the Phase I work had previously confirmed a substantial Late Bronze Age to Early Iron Age ditch lay approximately 300m to the east, albeit separated by a small partially infilled brook running north to south through the Site.

A continuation of the relatively low level of Romano-British activity recorded to the south of the M4 during the Phase I works was confirmed during the Phase II evaluation. The similarly low levels of cultural material collected from the fills of the excavated features, suggest the Site is some distance from an area of intense settlement or increased activity.

Further evidence of the medieval or post-medieval ridge and furrow was noted in the West Wichel area, and has been subject to a detailed survey in the 1980s. Remnants of the furrows were visible as negative features cut into the subsoil and natural within the trenches.

The fieldwork was carried out between 6th and 24th October 2014.



Phase II Archaeological Evaluation Report

Acknowledgements

This project was commissioned by Swindon Borough Council and Wessex Archaeology would like to thank Tim Mann in this regard. The archaeological evaluation was monitored by Melanie Pomeroy-Kellinger (County Archaeologist, Wiltshire Council) and Rob Armour Chelu (Archaeological Consultant, Armour Heritage) on behalf of the Local Planning Authority, Swindon Borough Council.

All fieldwork was undertaken with the permission of the tenant farmers. In this regard thanks are due to Mr Hinder, Mr Shepperson, and Mr Wicks.

The fieldwork was undertaken by Susan Clelland assisted by Ray Kennedy and Natalia Hunt. This report was written by Naomi Brennan, with finds analysis by Lorraine Mepham (pottery, ceramic building material), and Matt Leivers (worked flint). The report illustrations were prepared by Rob Goller.

The project was managed on behalf of Wessex Archaeology by Sue Farr.



Phase II Archaeological Evaluation Report

1 INTRODUCTION

1.1 Project background

- 1.1.1 Wessex Archaeology (WA) was commissioned by Swindon Borough Council (the Client), to undertake an archaeological trial trench evaluation associated with the proposed development of land at Wichelstowe, to the south of Swindon, Wiltshire, centred on National Grid Reference (NGR) 413075 183020 (hereafter 'the Site', **Figure 1**).
- 1.1.2 The Site has been subject to previous relatively low level archaeological evaluation, undertaken in respect of a previous Environmental Statement (ES) completed in 2003 (Foundations Archaeology 2002). This intrusive fieldwork was required to investigate the results of geophysical survey completed with regard to the same ES.
- 1.1.3 Following completion of the 2003 ES, Outline Planning Permission (OPP) for development was granted in 2005. The OPP provided consent for a development comprising up to 4,500 dwellings and facilities including employment and commercial uses, schools, open space, park and ride facility, roads, sewers and associated works.
- 1.1.4 Since the 2005 OPP was granted, a degree of development work has been undertaken at the Site, including the construction of the majority of the eastern part of the Site (East Wichel) and completion of infrastructure comprising new roads and a bridge across the Wiltshire & Berkshire Canal in the northern central part of the Site. Further development at the Site was granted consent in 2014, informed by the results of a Phase I evaluation (Wessex Archaeology 2014). Due to a number of constraints, comprising services and ecological issues, and with the agreement of the County Archaeologist, the Phase II works were completed as a condition of consent, and in accordance with a Natural England ecological licence (2014-1698-EPS-MIT-1).
- 1.1.5 The Phase II fieldwork reported here was undertaken between the 6th and 24th October 2014.

1.2 The Site

1.2.1 The Site comprises an area of land measuring approximately 300ha, the majority of which is located to the north of the M4, east of the Toothill area of Swindon (**Figure 1**). It consists of a number of agricultural fields, which are currently under pasture, areas of woodland, small rivers and drainage features. Boundaries within the Site comprise predominantly mature hedgerows, ditches and watercourses. The remains of the Wiltshire & Berkshire Canal are present within the central area of the Site, and recently constructed infrastructure including a new road (Foxham Way/Black Horse Way/East Wichel Way), a bridge over the former canal, a supermarket and new build housing, are located to the eastern side of the Site.



- 1.2.2 With the exception of its extreme south-western extent, the Site's southern boundary comprises the M4, with a railway line forming the western boundary. To the north, the Site is bounded by the Okus and Kingshill areas of urban Swindon. Further recent development and a Park and Ride facility form the eastern boundary.
- 1.2.3 Within the Site's larger boundary, a number of areas are excluded from the development proposals (Figure 1). These include the Scheduled medieval settlement and associated ridge and furrow at West Leaze, the Scheduled site of a watermill to the south-east of West Leaze, and West Leaze itself.
- 1.2.4 The Site is located on gently undulating ground, and lies at elevations between 96m above Ordnance Datum (aOD) and 106m aOD. The underlying solid geological deposits within the majority of the Site are mapped as West Walton Formation, Ampthill Clay Formation and Kimmeridge Clay Formation, a sedimentary bedrock formed approximately 151 to 161 million years BP. To the north-east of the Site, around West Leaze, the geology is recorded as Portland Group Limestone and Calcareous Sandstone, a sedimentary bedrock formed *c*. 146 to 151 million years BP. Superficial deposits of alluvial deposits are recorded along the north-eastern edge of the Site (British Geological Survey).

2 ARCHAEOLOGICAL BACKGROUND

2.1 Introduction

- 2.1.1 A number of archaeological investigations have already been completed across the Site, and this information is readily available through the Wiltshire and Swindon Historic Environment Record (WHER), and is also contained within a recently completed archaeological desk based assessment (Armour Heritage 2013a). The results of the DBA will not be repeated in detail within this report.
- 2.1.2 In summary, the DBA identified evidence for prehistoric, Romano-British, early, late and post-medieval activity within the bounds of the Site itself and its broader environs. Five Scheduled Monuments were identified within the study area and included a bowl barrow near Rushy Platt farm, medieval settlement and associated ridge and furrow, and the site of a watermill at West Leaze.
- 2.1.3 The Scheduled Monument at West Leaze (**Figure 1**) represents important evidence for settlement and land use in the immediate area during the medieval period. The monument includes the remains of a small deserted medieval settlement, with an associated hollow way, house platforms and ridge and furrow (*ibid*.).
- 2.1.4 The remains of the Wiltshire and Berkshire Canal, which survives in part as a sinuous linear feature, crosses the Site on a north-east to south-west alignment. The canal was originally constructed in 1804, and ceased use for commercial traffic in 1906, being subsequently infilled in 1962. Its alignment is preserved by the continuation of Wharf Road and water filled elements within the Site (*ibid*.).

2.2 Recent investigations in the area

2.2.1 As noted above a number of archaeological investigations have been completed across the Site and include excavations, evaluations and watching briefs (Foundations Archaeology 2002 and 2009). Excavations and subsequent watching briefs, associated with the construction of new roads within the central area of the Site, south of West Leaze, recorded evidence of Romano-British and medieval activity (Foundations Archaeology



- 2009). During this fieldwork, a number of ditches, pits and postholes were identified. The majority of the ditches were interpreted as field boundaries, with the limited stratigraphy indicating that the activity included at least two phases, dating between the $2^{nd} 4^{th}$ centuries AD. The only direct evidence for any structural remains within the area comprised a small number of postholes, which were associated with a single sherd of pottery datable to the 2^{nd} century AD (Foundations Archaeology 2009).
- 2.2.2 A large number of amorphous, shallow pit features were present within the excavation and watching brief areas. The pits varied in size and contained a mixed group of pottery, including prehistoric, Romano-British and medieval pottery. It is possible that these features represented backfilled clay quarry pits which would be consistent with their amorphous appearance, and may have been associated with pottery production and medieval domestic settlement to the north at West Leaze (Foundations Archaeology 2009).
- 2.2.3 Extensive remains of ridge and furrow agriculture have been recorded across many areas of the Site. The remains were mapped through the South Swindon Survey, undertaken between 1984 and 1986 (Swindon Borough Council 1986). Extant elements of this were also noted during the Phase I evaluation.
- 2.2.4 During the Phase I evaluation five broad zones of potential were identified (Wessex Archaeology 2014). Two were recorded to the south and east of the shrunken medieval village of West Leaze, where ditches and pits containing Neolithic, Bronze Age and Romano-British pottery were recorded. The third area of potential related to Romano-British activity recorded at the western extent of the Site, spanning the M4 motorway. A further area was coincident with a substantial Late Bronze Age to Early Iron Age ditch recorded within the West Wichel area of the Site. A final area of potential interest, more difficult to define, was identified in the central area of the Site, where Mesolithic worked flints and Bronze Age pottery were recovered. A section of the infilled Wiltshire and Berkshire Canal, constructed in 1804, crossed the West Wichel area of the Site. The canal was visible as a low earthwork within the field, and was flanked by a low bank, constructed from up cast clays which, where excavated, survived to a depth of 1.6m.

3 METHODOLOGY

3.1 Aims and objectives

- 3.1.1 Prior to the commencement of the works a Written Scheme of Investigation (WSI) was submitted to and approved by Wiltshire Council, and detailed the standards and specifications of the fieldwork (Armour Heritage 2013b). All trial trenching, excavation and recording was undertaken in accordance with the requirements of the WSI, and the Institute for Archaeologists Standard and Guidance for Archaeological Field Evaluation (IfA 2008).
- 3.1.2 The general aims of the archaeological evaluation were to:
 - Clarify the presence/absence and extent of any buried archaeological remains within the Site that may be impacted by development;
 - Identify, within the constraints of the evaluation, the date, character, condition and depth of any surviving remains within the Site;
 - Assess the degree of existing impacts to sub-surface horizons and to document the extent of archaeological survival of buried deposits; and



- Produce a report which will present the results of the evaluation in sufficient detail to allow an informed decision to be made concerning the Site's archaeological potential.
- 3.1.3 More specifically the archaeological evaluation sought to:
 - Establish the potential for significant palaeoenvironmental deposits to be present across the Site; and
 - Determine or confirm the approximate date or date range of the remains (should they be present), by means of artefactual or other associated evidence.

3.2 Fieldwork methodology

- 3.2.1 Due to a number of constraints, including services and ecological issues, and with the agreement of the County Archaeologist, the archaeological evaluation was divided into two separate phases, one undertaken between November 2013 and December 2013, and a second phase completed in October 2014 (this report).
- 3.2.2 Due to issues with access, current construction projects, flooded ground/high water tables and ecological fencing 148 of the 168 trenches proposed for Phase I were completed. A total of 30 trenches were proposed for the Phase II works, of which 29 were excavated. This report is concerned with the results of the Phase II evaluation.
- 3.2.3 Given the large area investigated by the trial trenching, the fieldwork associated with the Phase I work was divided into three different areas. For consistency, these Site areas have also been referenced for the Phase II works, with the quantity of trial trench investigations summarised in **Table 1** below. The fieldwork was undertaken between the 6th and 24th October 2014.

Table 1: Excavated trenches by Site area

Site Area	Phase I	Phase II
West Wichel	89	26
Middle Wichel	35	0
Area south of M4	24	3
Totals	148	29

- 3.2.4 The trial trenches were set-out using a Leica Viva series GNSS unit using the OS National GPS Network through an RTK network with a 3D accuracy of 30mm or below. All survey data was recorded using the OSGB36 British National Grid coordinate system.
- 3.2.5 Prior to machining, the investigation areas were scanned using a cable avoidance tool (CAT) by operatives experienced in the use of such equipment. Trench excavation was carried out by a single 360° mechanical excavator fitted with a 2.0m wide toothless ditching bucket, and was supervised by a suitably qualified archaeologist at all times. Topsoil and subsoil were removed by machine in a series of level spits to the top of the archaeology or natural, whichever was encountered first. The excavated spoil was stockpiled at a safe distance from the edge of each trench, and separated into topsoil and subsoil bunds.



3.2.6 On completion of all investigations at each trench, topsoil and subsoil were reinstated to broadly replicate the stratigraphic sequence encountered, and levelled to the existing ground surface.

3.3 Monitoring

3.3.1 The fieldwork stage of the evaluation was monitored by Armour Heritage and the County Archaeologist from Wiltshire Council. This was achieved via site visits in which the progress and results of the evaluation were discussed, and recommendations for additional work to answer or define specific queries relating to the overall aims of the evaluation were put forward.

3.4 Recording

- 3.4.1 All archaeological features and deposits exposed in the trial trenches were cleaned and recorded in plan using GPS survey equipment. To ensure that a unique project-wide georeferenced sequence was maintained, all context numbers were related to the investigation areas (*i.e.*, the trench number).
- 3.4.2 Full written and photographic records were made of each investigation area, even where no archaeological remains were identified. Feature sections and representative sections were recorded at an appropriate scale (1:10). Other plans, sections and elevations of archaeological features and deposits were drawn as necessary at an appropriate scale (normally 1:10 or 1:20). Drawings were made in pencil on permanent drafting film. Written records were made using WA *pro forma* record sheets.
- 3.4.3 The spot height of all principal features and levels was calculated in metres relative to Ordnance Datum, correct to two decimal places. Plans and sections have been annotated with spot heights as appropriate.
- 3.4.4 A digital photographic record was maintained during the evaluation. General site photographs were taken to record the progress of the investigations, including shots suitable for use in publicity material, and to record the condition of the land prior to trenching and after reinstatement.

3.5 Specialist strategies

General

3.5.1 All finds and environmental samples were processed according to procedures set out in WA's policies and guidelines on finds analysis, environmental sampling and archive preparation, and in accordance with the Institute for Archaeologists' Standard and Guidance for the collection, documentation, conservation and research of archaeological materials (IfA 2001). Copies of the WA policies and guidelines can be supplied on request.

Artefact

3.5.2 All artefacts were recovered, stored and processed in accordance with standard methodologies and national guidelines (Institute for Archaeologists 2001; SMA 1993; 1995). Small finds were recorded three-dimensionally using GPS surveying equipment. Bulk finds were collected and recorded by context from both excavated features and the surfaces of unexcavated features.



3.5.3 Any finds requiring immediate on site conservation treatment to prevent deterioration were dealt with according to guidelines laid down in *First Aid for Finds* (Watkinson and Neal 1998).

Environmental

- 3.5.4 Bulk environmental soil samples, normally up to 40 litres, for plant macro-fossils, charred plant remains, small animal bones and other small artefacts were taken from appropriate well-sealed and dated/datable archaeological deposits following Wessex Archaeology's standard environmental sampling policy.
- 3.5.5 The environmental sampling strategy followed the recommendations outlined in Environmental Archaeology: A Guide to the Theory and Practice of Methods, from Sampling and Recovery to Post-excavation (second edition) (English Heritage 2011).

4 ARCHAEOLOGICAL RESULTS

4.1 Introduction

- 4.1.1 For ease of reference, the evaluation results are described in the following sections by Site area (**Table 1**), period and trench, which follows the approach adopted for the Phase I report (Wessex Archaeology 2014). A phased interpretation is provided in the discussion (see below).
- 4.1.2 Trench numbers started at 300 in order to take into account the previous phases of evaluation. Detailed descriptions relating to each identified archaeological feature and deposit can be found in the trench tables at the back of this report (**Appendix 1**). Trench and context numbers are shown in bold (e.g., posthole **10004** in **Trench 100**).
- 4.1.3 A number of blank trenches were encountered during the Phase II evaluation within the West Wichel Area; these comprised **Trenches 303-306, 309-310, 312-317, 323 and 325-329**. A number of natural features such as tree throws and hollows were also observed during the evaluation. These were largely unrecorded with the exception of feature **31406** in **Trench 314** and **30809** in **Trench 308**.
- 4.1.4 A number of the trench positions were adjusted during the works due to constraints on Site such as field boundaries and ecological fencing. **Trenches 321** and **322** could not be excavated due to the presence of a pond, though trench number **321** was reused in order to investigate further an area of activity associated with **Trench 324**.

4.2 Area South of M4 (Figure 2)

Introduction

4.2.1 The area south of the M4 was located within the south-western corner of the Site, and was positioned across relatively flat low-lying pasture fields at a height of 100m aOD (**Figure 2**). Three trenches were excavated within this area, and confirmed the presence of several linear ditches and tree hollows.

Stratigraphic sequence

4.2.2 The natural soil sequence recorded across this area of the Site was fairly uniform and comprised a grey-brown silty clay topsoil (between 0.20-0.23m deep) with a well developed turf. Below the topsoil, a mid brown-grey silty clay subsoil with some orange mottling was recorded to a depth of 0.33m to 0.40m below ground level (bgl). The



underlying natural comprised a mid orange clay. All archaeological features were recorded cut into this layer.

Prehistoric

4.2.3 Limited prehistoric activity was recorded during the Phase I evaluation, and the evidence was similarly sparse in the Phase II works. A single ditch (**30110**) on an approximate east to west alignment was recorded (**Figure 5**; **Section 1**), and contained six sherds of Late Bronze Age pottery.

Romano-British

- 4.2.4 In contrast, a number of Romano-British features were located within this area during the Phase I evaluation, including several ditches and a pit. Nevertheless, dating evidence was only recovered from ditch **30212** (**Plate 1**) during the Phase II works, and comprised a single sherd deriving from a flagon handle.
- 4.2.5 The ditch itself was recorded on a similar alignment to the Late Bronze Age linear, and it is noteworthy the other six ditches recorded in the three trenches were positioned on slightly different orientations. Indeed, both the profile and single fill in both ditches was similar, and their position and orientation indicates that they may run closely parallel or even form part of the same meandering feature.

Undated

- 4.2.6 As with the Phase I evaluation, the majority of the features were undated, and contained a low level of culturally derived material, suggesting that this area of the Site was situated at some distance from the main activity areas.
- 4.2.7 Five of the six undated linear features (ditches 30004, 30106, 30108, 30204 and 30209) were relatively shallow, measuring between 0.16-0.39m in depth, and likely to relate to agricultural drainage or ploughing. Of these, ditches 30004 (Plate 2), 30204 and 30209 were aligned north-west south-east, in line with the existing field boundaries and current ploughing regime. Ditch 30004 may be a continuation of ditch 30204. The other two shallow linear features (30106, 30108 (Plate 3)) were on a near east west alignment, and suggests that they were either associated with a different phase of activity or originally lay in another field.
- 4.2.8 A more substantial ditch **30208** was located at the eastern end of **Trench 302** on a north-east south-west alignment. In contrast to the single secondary silty clay deposits found within the other linear features, this ditch had an area of primary deposition on its south-eastern edge (**30207**) as well as the main secondary fill (**30206**) (**Figure 5**; **Section 2**). This feature is likely to have been a small boundary or drainage feature.
- 4.2.9 The final feature located in this area was a shallow pit **30104** (**Plate 4**). This did not contain any anthropogenic derived material and no other similar features were found within the Phase II trenches in this area, although a similar undated shallow pit was located to the north-west within the Phase I trenches (pit **12005**).

4.3 West Wichel (Figures 3 and 4)

Introduction

4.3.1 The West Wichel area of the Site was located to the north of the M4 motorway and bounded by the Great Western Railway in the west, Mill Lane to the east and the Okus area of Swindon to the north. The ground surface of the area was gently undulating and



rose steadily, from the south-west (100m aOD) towards the centre of the area (103m aOD) around South Leaze Farm, and sloped downwards to the north-east of the area (95m aOD). The majority of the trenches were located within fields laid to pasture. In total 26 trenches were excavated within the area, locating two areas of prehistoric potential (**Figure 1**).

Stratigraphic sequence

- 4.3.2 The natural soil sequence was fairly similar across the area and was characterised by dark grey-brown silty clay loam topsoil (between 0.11m and 0.27m deep) with a well developed turf line. Below the topsoil a mid to dark orange-brown silty clay subsoil was recorded to a depth of 0.20m to 0.58m bgl. The underlying natural geology was consistent across the area and comprised a brown or orange clay. Blue-grey mottling within the natural geology indicated a partially anaerobic environment, and waterlogging was noted in a number of trenches.
- 4.3.3 A lower subsoil deposit (30808, 31806 (Figure 5; Section 5) and 31906) was observed in three of the trenches in this area (Trench 308, 318 and 319). A defined band of alluvial material was also recorded in Trench 308 (30809), and contained two redeposited sherds of Romano-British Savernake ware pottery, and a single piece of ironworking slag. Given the proximity of these trenches to the present watercourse and flood plain, the deposits may have resulted from localised flooding events.

Prehistoric

- 4.3.4 A possible area of prehistoric activity was focused on **Trench 308** (**Figures 1** and **3**) to the east of South Leaze Farm. Within this trench a posthole **30804** (**Plate 5**) was located containing quantities of Middle Bronze Age pottery sherds. Immediately to the south-east, a shallow ditch (**30807**) also contained Middle Bronze Age pottery sherds (**Figure 5**; **Section 3**). A further small pit or posthole to the north-west of these features (**30812**) was undated.
- 4.3.5 An additional area of prehistoric activity was recorded approximately 650m to the north-east, around **Trenches 321** and **324** (**Figure 1** and **4**). A large partially exposed pit (**32407**) was initially uncovered in **Trench 324**. Investigation confirmed the pit contained a single fill **32406**, within which animal bone and flint-tempered Late Bronze Age and Iron Age pottery was found (**Figure 5**; **Section 4** and **Plate 6**). A single dark, charcoal rich fill was recorded and may indicate that the pit had been deliberately backfilled. With the agreement of the County Archaeologist, following the recording of the pit, the trench was extended to enable the full extent of the pit to be recorded in plan prior to backfilling.
- 4.3.6 Though ditch (32404) identified to the north-west of the pit in **Trench 324** could not be dated, a possible north south aligned prehistoric gully (32104) was located within **Trench 321** approximately 20m to the north, and contained similar Iron Age shelly ware pottery within the single fill (32105). This shallow linear was cut by a potentially modern north-west south-east aligned gully 32106 (Plate 7).

Romano-British

4.3.7 A single possible Romano-British feature was located within **Trench 318** where a northwest to south-east aligned ditch **31805** was located (**Figure 3** and **Figure 5**; **Section 5**). The feature contained four sherds of Roman greyware pottery.



Medieval

4.3.8 Remnants of ridge and furrow cultivation were noted in this area within Trenches 307 (Plate 8), 308 and 311. A selection of these were further investigated (30704 and 30811 (Plate 9)) but could not be conclusively dated. Within Trench 320 an extant ditch 32005 and bank were observed. The position and alignment of this suggests that it is also related to the ridge and furrow cultivation recorded in the 1980s (Swindon Borough Council 1986), perhaps forming part of a field boundary.

Undated

- 4.3.9 Within **Trench 319** (and on a different alignment to the known ridge and furrow) was undated linear feature **31904** (**Figure 3**). This shallow feature is likely to relate to drainage though it was not possible to determine whether it pre- or post-dated the ridge and furrow.
- 4.3.10 A narrow undated gully **32404** was also located within Trenches **324** (**Figure 4**), which contained a small amount of charcoal and badly degraded animal bone.

5 ARTEFACTUAL EVIDENCE

5.1 Introduction

5.1.1 A small quantity of finds were recovered during the Phase 2 evaluation, consisting largely of pottery, with a small amount of animal bone and a single piece of ironworking slag. Finds were recovered from seven of the trenches excavated; quantities by material type and by context are given in **Table 2**.

5.2 Pottery

- 5.2.1 The pottery constitutes the only dating evidence recovered. Of the 41 sherds recovered, 33 are late prehistoric and 8 Romano-British.
- 5.2.2 Twenty-three sherds are in coarse, flint-tempered fabrics, containing varying frequencies of crushed, calcined flint inclusions. None of these sherds are diagnostic, but the fabrics are characteristic of the period from Middle to Late Bronze Age, those sherds which are most profusely tempered (posthole 30804, ditch 30807) probably belonging to the Middle Bronze Age Deverel-Rimbury ceramic tradition, while those more sparsely tempered (ditch 30110, pit 32407) more typical of the succeeding post-Deverel-Rimbury plainware tradition, although it is possible that their dating could extend later, into the Iron Age. Similar wares were recorded during the Phase 1 evaluation.
- 5.2.3 Nine sherds in shelly or shelly/sandy fabrics (gully **32104**, pit **32407**), and one sandy sherd (topsoil in **Trench 323**) are also undiagnostic, and are broadly dated as Iron Age.
- 5.2.4 The Romano-British sherds comprise four sandy greywares (ditch **31805**), two grog-tempered coarsewares characteristic of the Savernake ware tradition which covers much of north Wiltshire and parts of the surrounding counties (topsoil in **Trench 323**, layer **30809**), and one oxidised ware (ditch **30212**). The latter is the only diagnostic sherd, deriving from a flagon handle, but none can be closely dated.

5.3 Other Finds

5.3.1 The other finds include a small quantity of animal bone, all from **Trench 324**, all in very poor condition and amongst which only sheep/goat tooth fragments can be identified; and a single piece of ironworking slag of uncertain date.



Trench	Context	Animal Bone	Pottery	Slag
301	30111		6/8	
302	30211		1/5	
308	30805		8/107	
308	30806		4/22	
308	30809		2/23	1/19
318	31804		4/6	
321	32105		5/16	
323	32301		2/81	
324	32405	8/7		
324	32406	18/113	9/41	
TOTALS		26/120	41/309	1/19

Table 2: All finds by context (number / weight in grammes)

6 ENVIRONMENTAL EVIDENCE

6.1.1 No environmental samples were taken during the Phase II evaluation.

7 DISCUSSION

7.1 Summary

- 7.1.1 The Phase II archaeological evaluation at Wichelstowe has been successful in its stated aims, and has contributed further information on the prehistoric and Romano-British activity within the Site. The evaluation indicates a low archaeological potential across much of the Site with some localised areas of higher potential (**Figure 1**).
- 7.1.2 In addition to reaffirming the area of Romano-British potential identified during the Phase I evaluation in the vicinity of the M4, it has also located two further small areas of possible prehistoric potential to the east of South Leaze Farm. The results of the evaluation correlate well with previous investigations undertaken within the Site during previous phases of evaluation, excavation and geophysical survey (Foundations Archaeology 2002, 2009; Archaeological Surveys 2013 and Wessex Archaeology 2014).

7.2 Archaeological conclusion

- 7.2.1 In keeping with the Phase I works, late prehistoric (Middle Bronze Age to Late Bronze Age) activity was recorded sporadically across the Site, with a small concentration of Middle/Late Bronze Age pottery from the features (a single posthole and ditches) within **Trench 301** (to the south of the M4) and **Trench 308** (in the West Wichel area).
- 7.2.2 The Iron Age gully and pit recorded in **Trenches 321** and **324** respectively was noteworthy; the desk based assessment (AH 2013a) had indicated evidence of this date was relatively sparse in the vicinity of the Site, and the confirmation of a fairly substantial pit, with a possible associated gully suggests there is further potential for features of this date in the near vicinity. Indeed, during the Phase I works, a substantial Late Bronze Age to Early Iron Age ditch was recorded in **Trench 143**, approximately 300m to the east, albeit separated by a small partially infilled brook running north to south through the Site. Further associated activity on the raised ground either side of the brook is likely.
- 7.2.3 A continuation of the relatively low level of Romano-British activity recorded to the south of the M4 during the Phase I works was confirmed during the Phase II evaluation. The low levels of cultural material collected from the fills of the excavated features, suggests the



Site is some distance from an area of settlement or increased activity. The features recorded are most likely largely agricultural in origin, relating to drainage or field boundary features. Overall, given the abraded nature of the finds during the Phase I works, and the low quantity of finds during the Phase II evaluation, the potential for the pottery to be residual within later contexts should not be wholly dismissed.

7.2.4 Further evidence of the medieval or post-medieval ridge and furrow was noted in the West Wichel area, and has been subject to a detailed survey in the 1980s. Remnants of the furrows were visible as negative features cut into the subsoil and natural within the trenches.

8 STORAGE AND CURATION

8.1 Museum

- 8.1.1 The archive is currently stored at Wessex Archaeology's office in Salisbury under the project code **102000**. The complete project archive will be prepared in accordance with the relevant standards set out in 'Management of Research Projects in the Historic Environment' (MoRPHE), English Heritage (2006), and in accordance with Wessex Archaeology's Guidelines for Archive Preparation. The archive will be deposited at the completion of all post-excavation works with the appropriate local museum.
- 8.1.2 Deposition of any finds with the museum will only be carried out with the full agreement of the landowner.

8.2 Preparation of the archive

- 8.2.1 The complete Site archive, which will include paper records, photographic records, graphics, artefacts and ecofacts, and digital data, will be prepared following the standard conditions for the acceptance of excavated archaeological material, and in general following nationally recommended guidelines (SMA 1995; IfA 2009; Brown 2011; ADS 2013).
- 8.2.2 All archive elements are marked with the Site code (**102000**). A fully cross-referenced index of the archive will be prepared on completion of the project.

8.3 Discard policy

8.3.1 Wessex Archaeology follows the guidelines set out in *Selection, Retention and Dispersal* (SMA 1993), which allows for the discard of selected artefact and ecofact categories which are not considered to warrant any future analysis. Any discard of artefacts will be fully documented in the project archive.

8.4 Copyright

- 8.4.1 Wessex Archaeology shall retain full copyright of any report under the *Copyright, Designs* and *Patents Act* 1988 with all rights reserved. Excepting that it hereby provides an exclusive licence to the client for the use of the report by the client in all matters directly relating to the project as described in the specification. Any document produced to meet planning requirements may be copied for planning purposes by the Local Planning Authority.
- 8.4.2 This report, and the archive generally, may contain material that is non-Wessex Archaeology copyright (e.g., Ordnance Survey, British Geological Survey, Crown Copyright), or the intellectual property of third parties, which we are able to provide for



limited reproduction under the terms of our own copyright licences, but for which copyright itself is non-transferable by Wessex Archaeology. You are reminded that you remain bound by the conditions of the *Copyright, Designs and Patents Act* 1988 with regard to multiple copying and electronic dissemination of the report.

8.5 Security Copy

8.5.1 In line with current best practice (e.g. Brown 2011), on completion of the project a security copy of the written records will be prepared, in the form of a digital PDF/A file. PDF/A is an ISO-standardised version of the Portable Document Format (PDF) designed for the digital preservation of electronic documents through omission of features ill-suited to long-term archiving.

9 REFERENCES

9.1 Bibliography

- ADS 2013, Caring for Digital Data in Archaeology: a guide to good practice, Archaeology Data Service & Digital Antiquity Guides to Good Practice
- Archaeological Surveys 2013, *Geophysical Survey, Wichelstowe, Swindon,* unpublished client report
- Armour Heritage (AH), 2013a, Wichelstowe, Swindon: Heritage Statement & Heritage Asset Assessment, unpublished client report ref: AH121.1/1
- Armour Heritage, 2013b, Wichelstowe, Swindon: Written Scheme of Investigation: Archaeological Trial Trench Evaluation, unpublished client report ref: AH121.2/1
- British Geological Survey, *Geology of Britain Viewer*, available at http://mapapps.bgs.ac.uk/geologyofbritain/home.html
- Brown, D.H., 2011, Archaeological archives; a guide to best practice in creation, compilation, transfer and curation, Archaeological Archives Forum (revised edition)
- English Heritage, 2006, Management of Research Projects in the Historic Environment: The MoRPHE Project Managers' Guide
- English Heritage, 2011, Environmental Archaeology: A Guide to the Theory and Practice of Methods, from Sampling and Recovery to Post-excavation (second edition)
- Foundations Archaeology, 2002. Swindon Southern Development, Borough if Swindon: Archaeological Evaluation, unpublished client report ref: No. 345
- Foundations Archaeology, 2009. Land at Mill Lane, Swindon: Archaeological Excavation and Associated Watching Briefs (Phase III): Post-excavation Assessment, unpublished client report ref: No. 646
- Institute for Archaeologists, 2001, Standard and Guidance for the collection, documentation, conservation and research of archaeological materials
- Institute for Archaeologists, 2008, Standard and Guidance for an archaeological field evaluation



- Institute for Archaeologists, 2009, Standard and Guidance for the creation, compilation, transfer and deposition of archaeological archives, Institute for Archaeologists
- SMA, 1993, Selection, Retention and Dispersal of Archaeological Collections: Guidelines for use in England, Wales and Northern Ireland
- SMA, 1995, *Towards an Accessible Archaeological Archive*, Society of Museum Archaeologists

Swindon Borough Council, 1986, South Swindon Survey 1984-86

Watkinson, D and Neal, V (eds), 1998, First Aid for Finds

Wessex Archaeology, 2014, Wichelstowe, Swindon, Wiltshire: Phase 1 Archaeological Evaluation Report, unpublished client report ref: 102000.03



APPENDICES

Appendix 1: Trench Tables

bgl= below ground level

TRENCH	300		Type: Evaluation	Machii excava			
Dimension	ns: 42.65m x	1.5m Max. depth: 0.40m	Ground level: 100.6	5-100.68	3m aOD		
Context	Description				Depth (m)		
30000	Topsoil	Modern topsoil. Mid to dark grey-brow friable. Bioturbated. No inclusions. Ox	0.00-0.20 bgl				
30001	Subsoil		Modern subsoil. Mid to dark orange-grey silty clay. Moderately compact. No inclusions. Some waterlogging. Overlies 30002.				
30002	Natural	Natural geology. Mid orange silty clay mottling. No inclusions.	0.40+ bgl				
30003	Secondary fill	Secondary fill of ditch 30004. Mid to provide orange mottling. No visible inclusions	0.34 deep				
30004	Ditch	North-west - south-east aligned ditch plan and section. 0.80m wide, 0.34m concave sides, concave base. Cuts 3	0.34 deep				

TRENCH 301					Type: Evaluation	Mach	
Dimensio	ns: 46.62m x	1.5m	Max. depth: 0.44m		Ground level: 100	.65-100.8	30m aOD
Context	Description						Depth (m)
30101	Topsoil		rn topsoil. Dark grey-brown sil bated. No inclusions. Overlies			d friable.	0.00-0.22 bgl
30102	Subsoil	mottli	rn subsoil. Mid brown-grey silt ng. Moderately compact. Very es 30103.				0.22-0.40 bgl
30103	Natural		al geology. Mid grey-orange s ng. Rare sub-angular flint, <1-			grey-blue	0.40+ bgl
30104	Pit		Oval pit filled with 30105. Not fully seen in plan. 1.2m long, 0.60m+ wide, 0.17m deep. Straight, shallow sides, flat base. Cuts				
30105	Secondary fill	mottli	Secondary fill of pit 30104. Dark grey silty clay with orange-grey mottling. Occasional sub-angular - sub-rounded flint, <1-5cm. Compact. Overlies 30104.				0.17 deep
30106	Ditch		East - west aligned ditch filled with 30107. 1.00m wide, 0.16m deep. Moderate, straight sides, flat base. Cuts 30103.				0.16 deep
30107	Secondary fill		Secondary fill of ditch 30106. Dark grey silty clay. Occasional orange-grey mottling. No visible inclusions. Overlies 30106.				0.16 deep
30108	Ditch	1.50m	North-north-west - south-south-east aligned ditch filled with 30109. 1.50m wide, 0.18m deep. Shallow, straight sides, flat base. Cuts 30103.				0.18 deep
30109	Secondary fill		Secondary fill of ditch 30108. Mid grey silty clay with grey-orange mottling. No visible inclusions. Compact. Overlies 30108.				0.18 deep
30110	Ditch	wide,	North-east – south-west aligned ditch filled with 30111. 0.72m wide, 0.29m deep. Steep, concave sides, concave base. Cuts 30103.				0.29 deep
30111	Secondary fill	mottli	ndary fill of ditch 30110. Pale ong. No visible inclusions. Occaes 30110.				0.29 deep



TRENCH	302			Type: Evaluation	Machi	
Dimonsio	ns: 46.50m x	1 5m	Max. depth: 0.43m	Ground level: 100.7	excava	
Context	Description	1.3111	wax. deptil. 0.43iii	Ground level. 100.7	1-100.30	Depth (m)
30201	Topsoil		rn topsoil. Dark grey-brown silty bated. No inclusions. Overlies 3		friable.	0.00-0.23 bgl
30202	Subsoil	mottlir	rn subsoil. Mid brown-grey silty ng. Moderately compact. Very ra es 30203.			0.23-0.33 bgl
30203	Natural		al geology. Mid grey-orange silt nottling. Very rare sub-angular f		lue-	0.33+ bgl
30204	Ditch	wide,	west - south-east aligned ditch 0.27m deep. Steep, concave si	des, flat base. Cuts 30	203.	0.27 deep
30205	Secondary fill		Secondary fill of ditch 30204. Mid to dark grey silty clay with blue and orange mottling. No visible inclusions. Overlies 30204.			
30206	Secondary fill		ndary fill of ditch 30208. Mid gre ng. No visible inclusions. Overlie		ıe-grey	0.51 deep
30207	Primary fill		ry fill of ditch 30208. Pale blue- es 30208.	orange. No visible inclu	usions.	0.43 deep
30208	Ditch		east - south-west aligned ditch wide, 0.51m deep. Steep, con- 80203.			0.51 deep
30209	Ditch	1.0m v 30203		ht sides, flat base. Cut	:S	0.39 deep
30210	Secondary fill	freque Cut by	Secondary fill of ditch 30208. Mid to dark grey-brown silty clay with frequent orange mottling. No visible inclusions. Overlies 30209. Cut by land drain.			
30211	Secondary fill	mottlir	ndary fill of ditch 30212. Mid greng. No visible inclusions. Overlie	es 30212.		0.37 deep
30212	Ditch		east - south-west aligned ditch 0.37m deep. Moderate, concav			0.37 deep

TRENCH 303			Type: Evaluation	Machi excava			
Dimension	ns: 44.70m x 2	2.0m	Max. depth: 0.61m	Ground level: 99.77	-100.45ı	m aOD	
Context	Description					Depth (m)	
30301	Topsoil	Moder	n topsoil. Dark grey-brown silty	clay. Fairly loose and	friable.	0.00-0.22	
		Bioturl	pated. No inclusions. Overlies 3	30302.		bgl	
30302	Subsoil	Moder	Modern subsoil. Mid to dark orange-grey silty clay. Moderately				
		compa	compact. No inclusions. Overlies 30303.				
30303	Natural		ll geology. Mid brown-orange sig. Very rare sub-angular flint, <		grey	0.52+ bgl	

TRENCH 304				Type: Evaluation	Machi excav	
Dimensio	ns: 44.10m x	2.0m	Max. depth: 0.69m	Ground level: 100.6	2-101.6	0m aOD
Context	Description					Depth (m)
30401	Topsoil		Modern topsoil. Dark black-brown silty clay. Fairly loose and riable. Bioturbated. No inclusions. Overlies 30402.			
30402	Subsoil		lodern subsoil. Mid to dark orange-grey silty clay. Moderately ompact. No inclusions. Overlies 30403.			0.27-0.58 bgl
30403	Natural		tural geology. Mid brown-orange silty clay with common grey ttling. Very rare sub-angular flint, <1-5cm.			



TRENCH 305			Type: Evaluation	Machi excava		
Dimensio	ns: 45.64m x	2.0m	Max. depth: 0.46m	Ground level: 100.8	5-102.40	0m aOD
Context	Description					Depth (m)
30501	Topsoil		Modern topsoil. Dark black-brown silty clay. Fairly loose and friable. Bioturbated. No inclusions. Overlies 30502.			
30502	Subsoil		odern subsoil. Mid to dark orange-grey silty clay. Moderately ompact. Rare sub-angular flint, <1-8cm. Overlies 30503.			0.20-0.38 bgl
30503	Natural		ıl geology. Dark grey silty clay e sub-angular flint, <1-15cm. E			0.38+ bgl

TRENCH	TRENCH 306		Type: Evaluation	Machi excava		
Dimensio	ns: 47.50m x	2.0m	Max. depth: 0.26m	Ground level: 103.7	2-104.0	5m aOD
Context	Description					Depth (m)
30601	Topsoil	Moder	n topsoil. Dark brown silty clay.	. Fairly loose and friabl	e.	0.00-0.15
		Bioturk	pated. No inclusions. Overlies 3	30602.		bgl
30602	Subsoil	Moder	n subsoil. Mid orange-grey silty	/ clay. Moderately com	pact.	0.15-0.20
		Very ra	are sub-angular flint, <1-5cm. C	Overlies 30603.		bgl
30603	Natural	Natura	l geology. Mid orange and grey	y silty clay. Rare sub-a	ngular	0.20+ bgl
		flint, <	1-5cm.		-	

TRENCH	TRENCH 307			Type: Evaluation	Machi	
Dimensio	Dimensions: 46.30m x 2.0m Max. depth: 0.60m			Ground level: 102.2	5-103.03	Bm aOD
Context	Description					Depth (m)
30701	Topsoil	Moder	n topsoil. Dark brown silty clay.	Fairly loose and friabl	e.	0.00-0.21
		Bioturk	pated. No inclusions. Overlies 3	30702.		bgl
30702	Subsoil	Moder	n subsoil. Mid orange-grey mot	tled silty clay. Moderat	ely	0.21-0.44
		compa	ict. Very rare sub-angular flint,	<1-5cm. Overlies 3070	3.	bgl
30703	Natural	Natura	ll geology. Mid orange silty clay	with frequent grey mo	ttling.	0.44+ bgl
		Very ra	are sub-angular flint, <1-5cm.			
North-eas	t – south-west	furrows	noted with trench.			

TRENCH	308			Type: Evaluation	Machi excava	
Dimensio	ns: 46.40m x	2.0m	Max. depth: 0.45m	Ground level: 101.8	4-103.44	lm aOD
Context	Description					Depth (m)
30801	Topsoil		rn topsoil. Dark brown silty clay.	•		0.00-0.14
-			bated. Very rare sub-angular fli			bgl
30802	Subsoil		rn subsoil. Mid orange-grey mot			0.14-0.40
00002	Gubcon		act. Very rare sub-angular flint,			bgl
30803	Natural		al geology. Mid orange silty clay	with frequent grey mo	ttling.	0.45+ bgl
	7.1010	Very rare sub-angular flint, <1-5cm.				0.10 29.
30804	Posthole	Sub-circular posthole filled with 30805. 0.35m long, 0.33m wide,				0.08 deep
00001	7 001/10/0	0.08m deep. Moderate, straight sides, concave base. Cuts 30803.				0.00 000p
	Secondary		Secondary fill of posthole 30804. Dark grey silty clay. Sparse			
30805	fill	charcoal flecks. Very rare sub-angular filmt, <1-5cm. Overlies		S	0.08 deep	
	""	30804.				
	Secondary		ndary fill of ditch 30807. Pale ora			
30806	fill		sional manganese flecks. No vis	sible inclusions. Overlie	es	0.09 deep
	''''	30807				
			-east - south-west aligned ditch			
30807	Ditch	30806	6. 0.91m wide, 0.09m deep. Sha	illow, concave sides, c	oncave	0.09 deep
		base.	Cuts 30803.			
30808	Layer	Lower	subsoil. Mid grey-orange silty o	clay. Moderately compa	act. No	0.40-0.45



		inclusions. Overlies 30803.	bgl
30809	Layer	Area (approx. 1.2m wide) of mottled grey-brown silty clay, likely	-
,		due to water movement and silting.	
30810	Fill	Fill of furrow 30811. Pale grey-brown clay. Occasional manganese	0.20 door
30610	ГШ	flecks. No visible inclusions. Overlies 30811.	0.29 deep
		North-east - south-west aligned furrow filled with 30810. 1.3m	
30811	Furrow	wide, 0.29m deep. Steep, concave sides, concave base. Cuts	0.29 deep
		30803.	•
20012	Posthole	Sub-oval posthole filled with 30813. 0.54m long, 0.35m wide,	0 12 door
30812	Postriole	0.13m deep. Steep, straight sides, concave base. Cuts 30803.	0.13 deep
20042	Secondary	Secondary fill of posthole 30812. Mid brown-grey silty clay. Rare	0.42 door
30813 fill		charcoal flecks. Rare sub-angular flint, <1-5cm. Overlies 30812.	0.13 deep
Additional	north-east – s	outh-west furrows noted with trench.	

TRENCH	TRENCH 309			Type: Evaluation	Machi	
Dimensio	Dimensions: 45.30m x 2.0m Max. depth: 0.39m			Ground level: 102.8	excava 4-103 29	
Context	Description		maxi dopum oloom	0.00.00.00.00.00.00.00.00	. 100.20	Depth (m)
30901	Topsoil		n topsoil. Dark grey-brown silty			0.00-0.22
		Bioturk	oated. Very rare sub-angular fli	nt, <1-5cm. Overlies 30	0902.	bgl
30902	Subsoil	Moder	n subsoil. Mid orange and grey	mottled silty clay.		0.22-0.36
		Moder	ately compact. Very rare sub-a	ngular flint, <1-5cm. O	verlies	bgl
		30903				
30903	Natural	Natura	ıl geology. Mid orange silty clay	with frequent grey mo	ttling.	0.36+ bgl
		Very ra	are sub-angular flint, <1-7cm.		_	

TRENCH	TRENCH 310			Type: Evaluation	Machi	ne
					excava	2000
Dimensio	Dimensions: 43.90m x 2.0m Max. depth: 0.59m			Ground level: 100.7	7-102.62	2m aOD
Context	Description					Depth (m)
31001	Topsoil		n topsoil. Dark brown silty clay.		e.	0.00-0.18
		Bioturl	pated. No inclusions. Overlies 3	31002.		bgl
31002	Subsoil	Moder	n subsoil. Mid orange-grey silty	clay. Moderately com	pact.	0.18-0.39
		No inc	lusions. Overlies 31003.			bgl
31003	Natural Matural geology. Mid orange silty cla			with frequent grey mo	ttling.	0.39+ bgl
		No Inc	lusions. Waterlogged.			_

TRENCH	TRENCH 311			Type: Evaluation	Machi	-
Dimensions: 45.44m x 2.0m Max. depth: 0.54m			Ground level: 100.9	0110011		
Context	Description					Depth (m)
31101	Topsoil		n topsoil. Dark brown silty clay.		e.	0.00-0.16
		Bioturk	pated. No inclusions. Overlies 3	31102.		bgl
31102	Subsoil	Moder	n subsoil. Mid orange-grey silty	clay. Moderately com	pact.	0.16-0.36
		No inc	lusions. Overlies 31103.			bgl
31103	Natural	Natura	al geology. Mid orange silty clay	with frequent grey mo	ttling.	0.36+ bgl
		No Inc	lusions.			
North-eas	t – south-west	furrow n	oted with trench.			

TRENCH	TRENCH 312			Type: Evaluation	Machi	
					excava	ated
Dimensions: 43.64m x 2.0m Max. depth: 0.54m			Max. depth: 0.54m	Ground level: 99.75	-100.63ı	m aOD
Context	Description					Depth (m)
31201	Topsoil	Moder	n topsoil. Dark brown silty clay.	Fairly loose and friabl	e.	0.00-0.16
	Bioturbated. No inclusions. Overlies 31202.					bgl
31202	Subsoil	Moder	n subsoil. Mid orange-grey silty	clay. Moderately com	pact.	0.16-0.30



		No inclusions. Overlies 31203.	bgl
31203	Natural	Natural geology. Mid orange silty clay with rare grey mottling. No	0.30+ bgl
		Inclusions.	

TRENCH	TRENCH 313			Type: Evaluation	Machi excava	-
Dimensions: 42.54m x 2.0m Max. depth: 0.60m			Ground level: 99.56	0110011		
Context	Description					Depth (m)
31301	Topsoil		n topsoil. Dark brown silty clay . Bioturbated. No inclusions. Ov			0.00-0.22 bgl
31302	Subsoil		n subsoil. Mid orange-grey silty lusions. Overlies 31303.	clay. Moderately com	pact.	0.22-0.51 bgl
31303	Natural	Natura Inclusi	ıl geology. Mid orange silty clay ons.	with rare grey mottling	g. No	0.51+ bgl

TRENCH			Type: Evaluation	Machi excav	ated	
Dimensio	ns: 42.60m x 2	2.0m	Max. depth: 0.51m	Ground level: 99.54	-100.04	m aOD
Context	Description					Depth (m)
31401	Topsoil	Moder	n topsoil. Dark brown silty clay	loam. Fairly loose and		0.00-0.21
		friable	. Bioturbated. No inclusions. O	verlies 31402.		bgl
31402	Subsoil	Moder	n subsoil. Mid orange-grey silty	clay. Moderately com	pact.	0.21-0.46
		Very ra	are sub-angular flint, <1-3cm. 0	Overlies 31403.		bgl
31403	Natural	Natura	al geology. Mid orange silty clay	with common grey mo	ottling.	0.46+ bgl
		Very ra	are sub-angular flint, <1-5cm.		•	
31404	-	VOID	-			-
31405	Fill	Fill of	natural feature 31406. Dark gre	ey silty clay. Moderately	<i>y</i>	0.13 deep
		compa	act. Frequent charcoal flecks. B	ioturbated. Overlies 31	406.	
31406	Natural	Featur	e derived from the decay of tre	e roots. Sub-oval filled	with	0.13 deep
	Feature	31405	. 0.39m long, 0.33m wide, 0.13	m deep. Steep, concav	ve	_
			irregular base. Cuts 31403.	• •		

TRENCH	TRENCH 315		Type: Evaluation	Machi excava		
Dimensio	ns: 45.00m x 2	2.0m	Max. depth: 0.35m	Ground level: 99.07-	-99.24- n	n aOD
Context	Description					Depth (m)
31501	Topsoil	Moder	n topsoil. Dark grey-brown silty	clay. Fairly loose and	friable.	0.00-0.10
		Bioturl	oated. No inclusions. Overlies 3	31502.		bgl
31502	Subsoil	Moder	n subsoil. Mid orange-grey mot	ttled silty clay. Moderat	ely	0.10-0.20
		compa	act. No inclusions. Overlies 315	03.	-	bgl
31503	Natural	Natura	Natural geology. Mid orange silty clay with frequent grey mottling.		0.20 bgl	
		Very ra	are sub-angular flint, <1-2cm.		_	

TRENCH	TRENCH 316				Machi	ne
					excava	ated
Dimensio	Dimensions: 37.14m x 2.0m Max. depth: 0.46m			Ground level: 98.81	-99.60m	aOD
Context	Description					Depth (m)
31601	Topsoil	Moder	Modern topsoil. Dark brown silty clay. Fairly loose and friable.			
		Bioturl	Bioturbated. No inclusions. Overlies 31602.			
31602	Subsoil	Moder	Modern subsoil. Mid orange-grey mottled silty clay. Moderately			
		compa	ct. No inclusions. Overlies 316	03.		bgl
31603	Natural	Natura	Natural geology. Mid orange silty clay with sparse grey mottling.			0.39+ bgl
		No inc	lusions.			

TRENCH 317	Type: Evaluation	Machine
		excavated



Dimensions: 43.90m x 2.0m		Max. depth: 0.60m	Ground level: 97.20-98.06m	aOD			
Context	Description	Description					
31701	Topsoil		Modern topsoil. Dark brown silty clay. Fairly loose and friable.				
		Bioturl	Bioturbated. No inclusions. Overlies 31702. bgl				
31702	Subsoil	Moder	Modern subsoil. Mid brown-grey silty clay. Moderately compact.				
		No inc	lusions. Overlies 31703.		bgl		
31703	Natural	Natura mottlin	al geology. Mid orange-grey silt g. No inclusions. Occasional iro	y clay with blue-green on oxide flecks.	0.42+ bgl		

TRENCH	318			Type: Evaluation	Machi excava	_	
Dimensio	ns: 44.12m x	2.0m	Max. depth: 0.48m	Ground level: 97.34	-97.77m	aOD	
Context	Description					Depth (m)	
31801	Topsoil		n topsoil. Dark brown silty clay pated. No inclusions. Overlies 3		e.	0.00-0.11 bgl	
31802	Subsoil		Modern subsoil. Mid orange and grey mottled silty clay. Moderately compact. No inclusions. Overlies 31806.				
31803	Natural		Natural geology. Mid orange silty clay with frequent grey mottling. No inclusions.				
31804	Secondary fill		dary fill of ditch 31805. Mid gre ional manganese flecks. No vis .		es	0.26 deep	
31805	Ditch		North - south aligned ditch filled with 31904. 0.92m wide, 0.26m deep. Straight, steep sides, concave base. Cuts 31803.			0.26 deep	
31806	Layer	Moder	subsoil. Mid grey-orange slightately compact. No inclusions. Ses 31903.		cks.	0.29-0.48 bgl	

TRENCH	319			Type: Evaluation	Machi	ne	
				excava	ated		
Dimensio	ns: 45.80m x 2	2.0m	Max. depth: 0.45m	Ground level: 98.11	-98.67m	aOD	
Context	Description					Depth (m)	
31901	Topsoil		n topsoil. Dark brown silty clay pated. No inclusions. Overlies 3	•	e.	0.00-0.14 bgl	
31902	Subsoil		Modern subsoil. Mid orange and grey mottled silty clay. Moderately compact. No inclusions. Overlies 31906.				
31903	Natural		latural geology. Mid brown-orange silty clay with moderate grey nottling. No inclusions.				
31904	Ditch		 south aligned ditch filled with Straight, moderate sides, conc 		19m	0.19 deep	
31905	Secondary fill					0.19 deep	
31906	Layer		subsoil. Mid orange and grey ract. No inclusions. Sparse man			0.27-0.45 bgl	

TRENCH 320			Type: Evaluation	Machi excava		
Dimensions: 44.75m x 2.0m Max. depth: 0.40m			Ground level: 98.00	-98.20m	aOD	
Context	Description					Depth (m)
32001	Topsoil	Moder	lodern topsoil. Dark brown silty clay. Fairly loose and friable.			0.00-0.15
		Bioturl	oated. No inclusions. Overlies 3	32002.		bgl
32002	Subsoil	Moder	odern subsoil. Mid orange and grey mottled silty clay.			0.15-0.30
		Moder	ately compact. No inclusions. (Overlies 32003.		bgl
32003	Natural		al geology. Mid orange silty clay	with frequent grey mo	ttling.	0.30+ bgl
		No inc	lusions.			



32004	Secondary	Secondary of still extant feature. Mid orange-brown silty clay. No	-
	fill	visible inclusions. Overlies 32005.	
32005	Ditch	Extant feature with associated bank. North-west - south-east	-
		aligned filled with 32004.	

TRENCH	321			Type: Evaluation	Machi excava		
Dimensio	ns: 13.60m x	2.0m	Max. depth: 0.48m	Ground level: 96.47	-96.66m	aOD	
Context	Description					Depth (m)	
32101	Topsoil		n topsoil. Dark grey-brown silty pated. No inclusions. Overlies 3		friable.	0.00-0.19 bgl	
32102	Subsoil		Nodern subsoil. Mid orange-grey silty clay. Moderately compact. lo inclusions. Overlies 32103.				
32103	Natural		Natural geology. Mid brown-orange silty clay with sparse grey mottling. Very rare sub-angular - flint, <1-4cm.				
32104	Ditch	32105	Poorly defined linear feature. North - south aligned filled with 2105. 0.49m wide, 0.11m deep. Straight, shallow sides, flat base.				
32105	Secondary fill		dary fill of feature 32104. Mid binclusions. Sparse charcoal fle		0	0.11 deep	
32106	Ditch	with 3	Likely modern linear or gully. North-west - south-east aligned, filled with 32107. 0.32m wide, 0.19m deep. Straight, steep sides, flat base. Cuts 32105.				
32107	Secondary fill		dary fill of feature 32106. Mid o inclusions. Overlies 32106.	range-grey silty clay. N	1 0	0.19 deep	

TRENCH	322		Type:	
Dimensions:		Max. depth:	Ground level:	
Context	Description			Depth (m)
		NOT EXCAVATED		

TRENCH 323				Type: Evaluation	Machi excava	
	ons: 23.15m x : 5m x 2.0m	2.0m	Max. depth: 0.50m	Ground level: 96.77-97.11m aOD		
Context	Description					Depth (m)
32301	Topsoil		odern topsoil. Dark grey-brown silty clay. Fairly loose and friable. ioturbated. No inclusions. Overlies 32302.			
32302	Subsoil		n subsoil. Mid orange-grey silt mottling. No inclusions. Overlie		oact.	0.18-0.35 bgl
32303	Natural		al geology. Mid grey-orange sill nottling. No inclusions. Break ir			0.35+ bgl

TRENCH	324			Type: Evaluation	Machi	
Dimensio	ns: 41.90m x	4.9m	Max. depth: 0.50m	Ground level: 96.54	excava -96.81m	
Context	Description					Depth (m)
32401	Topsoil		n topsoil. Dark grey-brown silty pated. No inclusions. Overlies 3		friable.	0.00-0.21 bgl
32402	Subsoil		n subsoil. Mid grey-orange silty ent mottling. No inclusions. Ove		pact.	0.21-0.50 bgl
32403	Natural		al geology. Mid brown-orange sinottling. No inclusions.	ilty clay with moderate	blue-	0.50+ bgl
32404	Ditch		east - south-west aligned ditch 0.22m deep. Straight, steep side			0.22 deep



32405	Secondary fill	Secondary fill of ditch 32404. Mid to dark brown-grey silty clay. Rare sub-angular flint, <1-3cm. Occasional manganese and charcoal flecks. Overlies 32404.	0.22 deep
32406	Secondary	Deliberate backfill of pit 32407. Dark grey clay. Occasional sub-	0.53 deep
	fill	angular flint, <1-5cm. Frequent charcoal flecks. Overlies 32407.	
32407	Pit	Sub-oval pit filled with 32406. 3.50m long, 2.85m wide, 0.53m	0.53 deep
		deep. Steep, concave sides, concave base. Cuts 32403.	

TRENCH 325			Type: Evaluation	Machi excava		
	ons: 21.00m x : Om x 2.0m	2.0m	Max. depth: 0.40m	Ground level: 96.60-	-97.06m	aOD
Context	Description					Depth (m)
32501	Topsoil		Modern topsoil. Dark grey-brown silty clay. Fairly loose and friable. Bioturbated. No inclusions. Overlies 32502.			0.00-0.15 bgl
32502	Subsoil		n subsoil. Mid orange-grey silty ional mottling. No inclusions. C		pact.	0.15-0.35 bgl
32503	Natural		ll geology. Mid grey-orange silt nottling. No inclusions. Break in			0.35+ bgl

TRENCH 326			Type: Evaluation	Machi		
Dimensio	ns: 40.40m x	2.0m	Max. depth: 0.44m	Ground level: 96.20		
Context	Description					Depth (m)
32601	Topsoil		Modern topsoil. Dark grey-brown silty clay. Fairly loose and friable. Bioturbated. No inclusions. Overlies 32602.			0.00-0.18 bgl
32602	Subsoil		Modern subsoil. Mid grey-orange silty clay. Moderately compact. Frequent grey mottling. No inclusions. Overlies 32603.			0.18-0.41 bgl
32603	Natural		ll geology. Mid orange silty clay lusions. Deep plough scars not		ottling.	0.41+ bgl

TRENCH	TRENCH 327			Type: Evaluation	Machi	ne
					excava	ated
Dimensio	ns: 33.20m x 2	2.0m	Max. depth: 0.46m	Ground level: 96.33	-96.63m	aOD
Context	Description					Depth (m)
32701	Topsoil		Modern topsoil. Dark grey-brown silty clay. Fairly loose and friable. Bioturbated. No inclusions. Overlies 32702.			0.00-0.20 bgl
32702	Subsoil		Modern subsoil. Mid orange-grey silty clay. Moderately compact. Slightly mottled. No inclusions. Overlies 32703.			0.20-0.41 bgl
32703	Natural		Natural geology. Mid brown-orange silty clay with common grey mottling. No inclusions. Some waterlogging.			0.41+ bgl

TRENCH	328			Type: Evaluation	Machi	ne
					excava	ated
Dimensio	ns: 44.87m x 2	2.0m	Max. depth: 0.54m	Ground level: 95.84	-95.98m	aOD
Context	Description					Depth (m)
32801	Topsoil	Moder	Modern topsoil. Dark grey-brown silty clay. Fairly loose and friable.			0.00-0.20
		Bioturl	oated. No inclusions. Overlies 3	32802.		bgl
32802	Subsoil	Moder	Modern subsoil. Mid orange-grey silty clay. Moderately compact.			
		Slightly mottled. No inclusions. Overlies 32803.				bgl
32803	Natural	Natural geology. Mid brown-orange silty clay with common blue-			0.44+ bgl	
		grey n	nottling. No inclusions.	-		

TRENCH 329		Type: Evaluation	Machine
			excavated
Dimensions: 43.80m x 2.0m Max. depth: 0.51m		Ground level: 95.68	-95.83m aOD



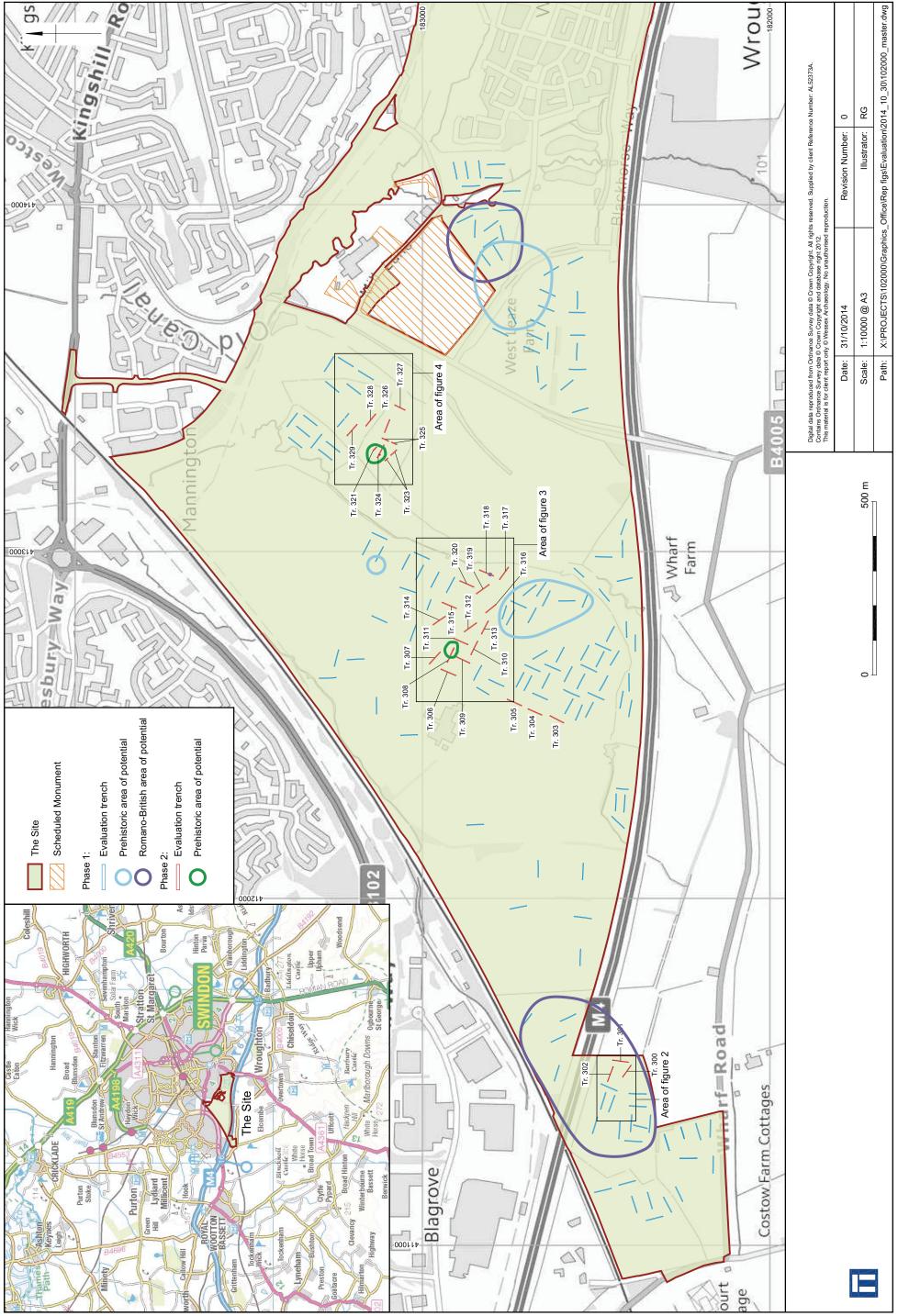
Context	Description		Depth (m)
32901	Topsoil	Modern topsoil. Dark grey-brown silty clay. Fairly loose and friable.	0.00-0.17
		Bioturbated. No inclusions. Overlies 32902.	bgl
32902	Subsoil	Modern subsoil. Mid orange-grey silty clay. Moderately compact.	0.17-0.43
		Slightly mottled. No inclusions. Overlies 32903.	bgl
32903	Natural	Natural geology. Mid brown-orange silty clay with common blue-	0.43+ bgl
		grey mottling. Rare sub-angular flints, <1-4cm.	

Appendix 2: Oasis Record

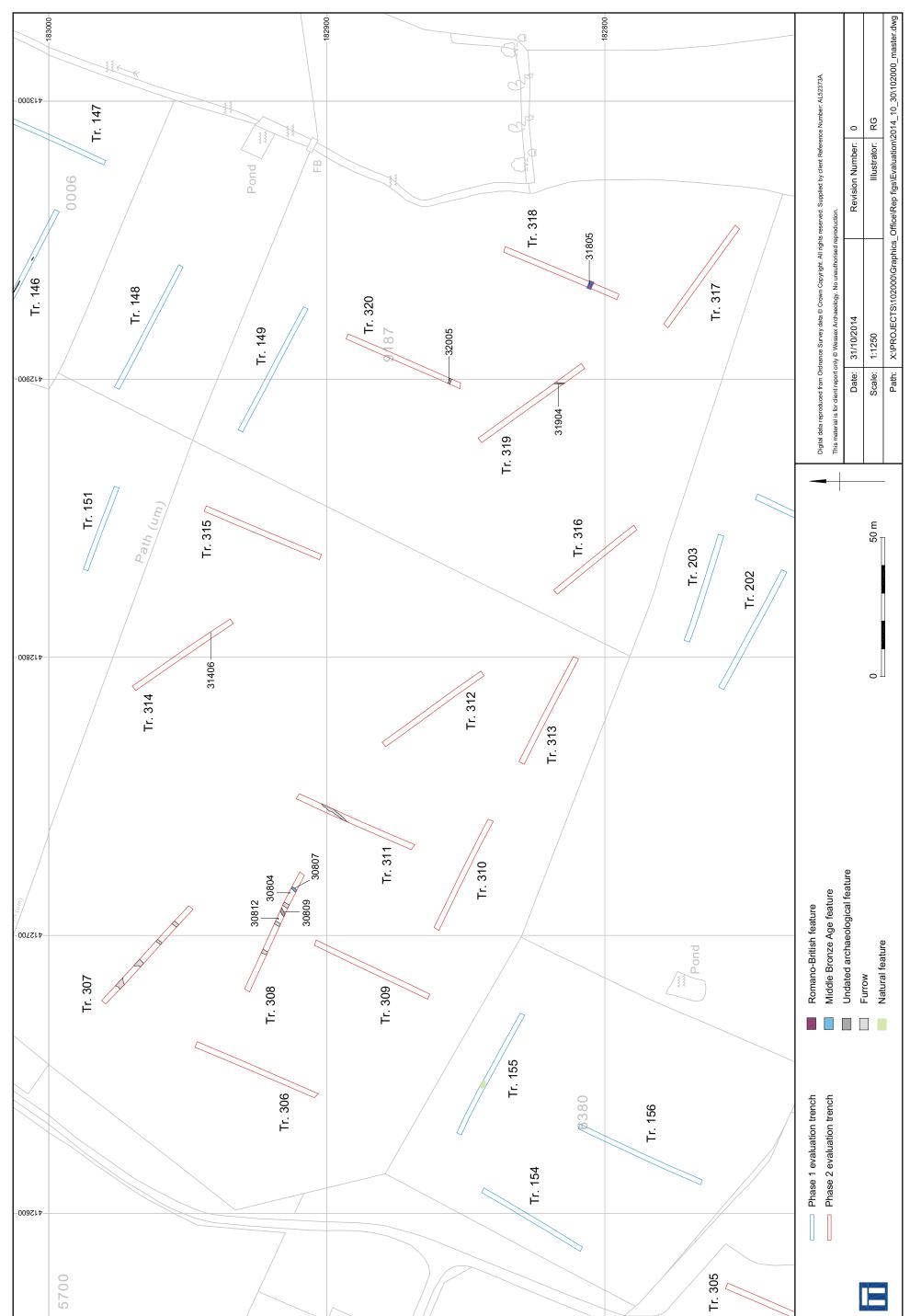
Wichelstowe, Swindon, Wiltshire - Wessex Archaeology

OASIS ID - wessexar1-194625

	07.076 72 Troccoxer 1 76 7626						
Versions							
View	Version	Completed by	Email	Date			
View 1	1	Sue Farr	s.farr@wessexarch.co.uk	10 November 2014			
View 2	2	Sue Farr	s.farr@wessexarch.co.uk	10 November 2014			
Completed s	ections in current ve	ersion					
Details	Location	Creators	Archive	Publications			
Yes	No	Yes	Yes	1/1			
Validated se	ctions in current ver	sion					
Details	Location	Creators	Archive	Publications			
No	No	No	No	0/1			
File submiss	sion and form progre	ess					
Grey literatur	e report submitted?	No	Grey literature report filename/s				
Images submitted?		No	Image filename/s				
Boundary file submitted?		No	Boundary filename				
HER signed of	off?		NMR signed off?				

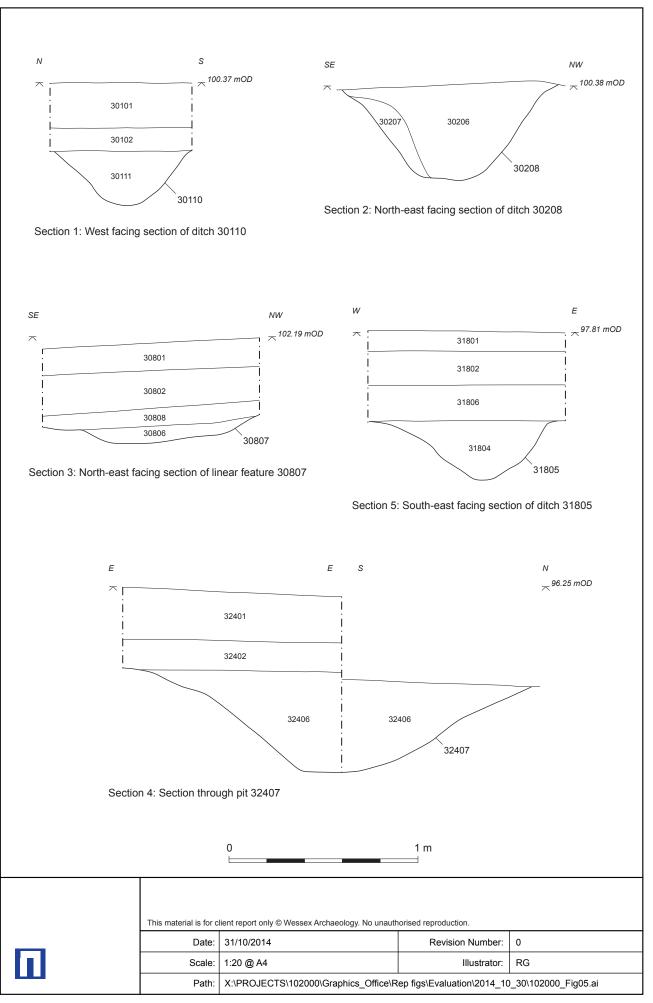


Evaluation trenches, area south of M4



Evaluation trenches, West Wichel, eastern area

Figure 4



Sections Figure 5



Plate 1: South-west facing section of ditch 30212



Plate 2: North-west facing section of ditch 30004

	This material for client report only @ Wessex Archaeology. No unauthorised reproduction			
_	Date:	30/10/2014	Revision Number:	0
Ш	Scale:	n/a	Illustrator:	RG
	Path:	X:\PROJECTS\102000\Graphics_Office\Rep figs\Evaluation\2014_10_30\102000_Pl01.ai		



Plate 3: West facing section of ditch 30108



Plate 4: South facing section of pit 30104

	This material for client report only © Wessex Archaeology. No unauthorised reproduction				
	Date:	30/10/2014	Revision Number:	0	
	Scale:	n/a	Illustrator:	RG	
	Path:	X:\PROJECTS\102000\Graphics_Office\Rep figs\Evaluation\2014_10_30\102000_Pl02.ai			



Plate 5: South-east facing section of posthole 30804



Plate 6: Pit 32407, view from the south-west

	This material for client report only © Wessex Archaeology. No unauthorised reproduction				
	Date:	30/10/2014	Revision Number:	0	
	Scale:	n/a	Illustrator:	RG	
	Path:	X:\PROJECTS\102000\Graphics_Office\Rep figs\Evaluation\2014_10_30\102000_Pl03.ai			



Plate 7: Gullies 32104 and 32106, view from the north



Plate 8: Trench 307, view from the west

	This material for client report only © Wessex Archaeology. No unauthorised reproduction				
П	Date:	30/10/2014	Revision Number:	0	
	Scale:	n/a	Illustrator:	RG	
	Path:	X:\PROJECTS\102000\Graphics_Office\Rep figs\Evaluation\2014_10_30\102000_Pl04.ai			



Plate 9: North-east facing section of furrow 30811

	This material for client report only © Wessex Archaeology. No unauthorised reproduction			
	Date:	30/10/2014	Revision Number:	0
	Scale:	n/a	Illustrator:	RG
	Path:	X:\PROJECTS\102000\Graphics_Office\Rep figs\Evaluation\2014_10_30\102000_Pl05.ai		







