

CHRB20



LAND SOUTH-WEST OF WOLDS EDGE, COLD HARBOUR FARM, BISHOP BURTON, EAST RIDING OF YORKSHIRE

ARCHAEOLOGICAL TRIAL TRENCHING EVALUATION

PLANNING REF. 20/02056/PLF

commissioned by Knights Garth Organic Eggs Ltd

December 2020

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PROJECT INFO:

HA Project Code **CHRB20** / NGR **SE 97479 38399** / Parish **Bishop Burton** / Local Authority **East Riding of Yorkshire Council** / OASIS Ref. **headland5-409537** / Archive Repository **Humber Historic Environment Record**

PROJECT TEAM:

Project Manager **David Harrison** / Author **Michail-Athanasios Kaikas** / Fieldwork **Michail-Athanasios Kaikas** / Graphics **Julia Bastek-Michalska**

Approved by **David Harrison**



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part of the **RSK** Group



PROJECT SUMMARY

Headland Archaeology (UK) Ltd was commissioned by Knights Garth Organic Eggs to undertake an archaeological evaluation by trial trenching, as a condition of a planning permission (ref 20/02046/PLF) for the creation of a poultry unit and associated infrastructure, on land south-west of Wolds Edge, East Riding of Yorkshire. The site lies within a rich archaeological landscape containing archaeological activity from the Mesolithic period onwards. Three trial trenches were excavated all of which were devoid of archaeological features or finds.

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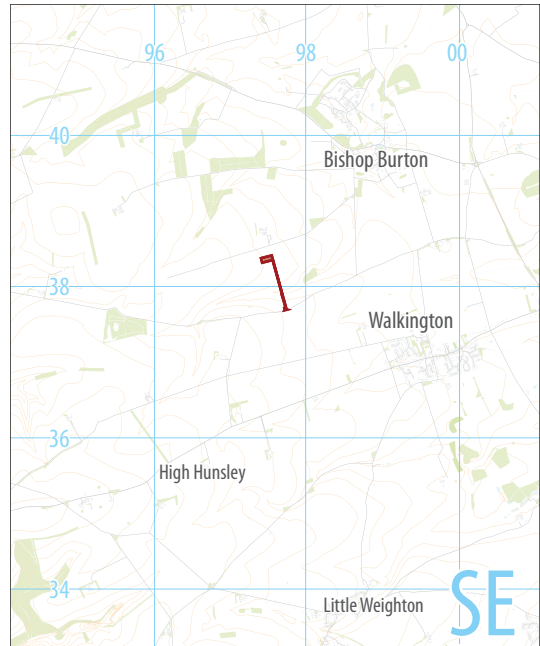
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Land adjacent to
Cold Harbour Road
Bishop Burton
East Riding of Yorkshire



0 200km
1:12,500,000 @ A4



0 200m
1:800 @ A4

development boundary
trench location

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ILLUS 1 Site location

LAND SOUTH-WEST OF WOLDS EDGE, COLD HARBOUR FARM, BISHOP BURTON, EAST RIDING OF YORKSHIRE

ARCHAEOLOGICAL TRIAL TRENCHING EVALUATION

1 INTRODUCTION

1.1 PLANNING BACKGROUND

Headland Archaeology was commissioned by Knights Garth Organic Eggs to carry out a programme of trial trenching on land south-west of Wolds Edge, Cold Harbour farm in East Riding of Yorkshire (Illus 1), as a condition of a planning permission (ref 20/02956/PLF) for the erection of a poultry unit and associated infrastructure. The trial trench evaluation was required to provide information regarding the presence or absence, character, extent, state of preservation and date of any archaeological features or deposits within the proposed development area (PDA).

The work was carried out in accordance with a Written Scheme of Investigation (Harrison 2020), which was submitted to, and approved by, the Archaeological Advisor to the East Riding of Yorkshire Council. The trial trench evaluation conforms to industry best practice (ClfA 2014a, b and c) and was carried out on the 30th November 2020.

1.2 SITE DESCRIPTION (LOCATION AND GEOLOGY)

The Proposed Development Area (PDA) comprises a rectangular block of land in the north of a rectangular field, 2km north-east of Bishop Burton and 4km north-west of Walkington East Riding of Yorkshire, centred on SE 97479 38399 (Illus 1).

It is bounded by Cold Harbour Road to the north and by an existing farm track to the east.

The bedrock geology comprises Burnham Chalk Formation with no superficial deposits recorded (NERC 2020).

1.3 ARCHAEOLOGICAL BACKGROUND

James Goodyear, Archaeological Advisor to the East Riding of Yorkshire Council, has advised that:

The site of the proposed development lies within a major archaeological landscape, with heritage assets dating from the prehistoric period identified within the immediate landscape around the application. To the south-east lies a 'ladder settlement', this is a characteristic form of settlement within East Yorkshire during the period from the 1st century B.C until the 4th or early 5th century A.D, it comprises an arrangement of small rectilinear enclosures – often containing roundhouses – closely associated with a double-ditched trackway. Within the settlement area finds confirm the date of the cropmarks; six gold staters of North Eastern (Corieltavian) type have been found on the site, along with various other objects. Additional crop-marks have been identified within the area around the proposal site; these include linear ditches, ring ditches and track-ways. A cluster of ring ditches to the east are likely to represent either round barrows or round houses of the Bronze Age, therefore meaning there is continued occupation of this landscape from at least 2500 B.C through to the Romano-British period. (Humber Historic Environment Record Ref HER/PA/CONS/28230)



ILLUS 2 Trench 2, looking south-west

2 OBJECTIVES

The purpose of the evaluation was to identify and assess the significance of any heritage assets that may be affected by the development. This was to be achieved by determining and understanding the nature, function and character of any remains on the site, in their cultural and environmental setting.

Specifically, the aims of the evaluation were to provide information on:

- › the location, extent, nature, and date of any archaeological features or deposits that may be present; and
- › the integrity and state of preservation of any archaeological features or deposits that may be present.

The resulting archive (finds and records) will be prepared in accordance with the Archaeological Archive Deposition Policy for Museums in Yorkshire and the Humber (Turnpenny 2012) and organised and deposited with the local museum to facilitate access for future research and interpretation for public benefit.

3 METHODOLOGY

Three trenches were excavated, each measuring 25m x 2m (Illus 1). All trenches were set out in accordance with the agreed layout plan in the WSI.

3.1 EXCAVATION

The trenches were set out using a Trimble GNSS device in order that they could be relocated in relation to existing features and located within the Ordnance Survey National Grid and were also CAT scanned prior to any digging.

All trenches were excavated in spits to the archaeological horizon or natural deposits (whichever was reached first) by a 14 ton tracked mechanical excavator with a 1.8m toothless ditching bucket. The excavator operated under archaeological supervision at all times. On completion of machine excavation, all faces of the trench that required examination or recording were cleaned using appropriate hand tools. The stratigraphic sequence was recorded in full in each of the trenches, even if no archaeological deposits were identified. All subsequent excavation was carried out by hand using shovel, mattock and trowel to evaluate depth and dimension and character of possible features. Topsoil and subsoil were temporarily stored on the side of each trench.

Archaeological investigation was carried out over the full area of each trench and after cleaning to establish the presence or absence of archaeological deposits. Features that were identified were then excavated, recorded and photographed as appropriate.

3.2 RECORDING

All recording followed the guidance laid down by the Chartered Institute for Archaeologists (CIfA 2014a) and was in line with the



ILLUS 3 Trench 2, south-east facing representative section

approved WSI (Harrison 2020). All trenches and contexts were given a unique number and all recording was undertaken on pro-forma recording sheets which conform to archaeological standards.

A plan of the trenches, features and levels across the entire site was recorded digitally using a Trimble GNSS device. The geological feature was also surveyed in plan with a Trimble GNSS device.

A written description of each trench was recorded on standard Headland Archaeology proforma sheets using an appropriate context recording system.

A full photographic record was taken using a digital camera. An appropriately sized metric scale was clearly visible within all record photographs apart from general shots showing the site (eg site condition shots).

4 RESULTS

4.1 INTRODUCTION

Full context descriptions and trench descriptions are presented in Appendix 1 and a full photographic register is presented in Appendix 2. Contexts are identified numerically by trench ie Trench 1 (01001), Trench 2 (02001). Deposits are indicated by rounded

brackets. Selected technical detail is utilised below in order to describe the deposits found. This structure reflects adherence to the ClfA guidance on report production, which states that 'descriptive material should be clearly separated from interpretative statements' (ClfA 2014b, 14).

4.2 GENERAL SITE STRATIGRAPHY

Topsoil comprised mid-brown silty-loamy clay which was soft, friable and plastic with occasional to frequent flint fragments. The average thickness was 0.3m (Illus 3). No subsoil was observed in any of the trenches. Natural deposits comprised of chalk bedrock with occasional sub-angular flint fragments. Occasional patches of degraded chalk were observed, and natural hollows filled with natural deposits of mid-orange/brown silty clay.

Soil-filled fissures and hollows naturally infilled with silty clay were present in all three trenches; a pattern attributed to peri-glacial activity (Illus 2). Plough scarring on a north-west/south-east alignment was observed in Trench 1.

5 CONCLUSION

No archaeological features, deposits or finds were present in any of the trenches excavated. No further archaeological work is anticipated.

6 REFERENCES

Chartered Institute for Archaeologists (CIfA) 2014a: *Standard and Guidance for Archaeological Field Evaluation* http://www.archaeologists.net/sites/default/files/CIfAS&GFieldevaluation_1.pdf accessed 1st December 2020

Chartered Institute for Archaeologists (CIfA) 2014b: *Standard and Guidance for the Collection, Documentation, Conservation and Research of Archaeological Materials* http://www.archaeologists.net/sites/default/files/CIfAS&GFinds_1.pdf accessed 1st December 2020

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Cranfield University 2018 *Cranfield Soil and Agrifood Institute Soilscales* <http://www.landis.org.uk/soilscales/> accessed 1st December 2020

Harrison D 2020 *Land South-West of Wolds Edge, Cold Harbour Farm, Bishop Burton, East Riding of Yorkshire* [unpublished client report] Headland Archaeology Ref CHR20

Natural Environment Research Council (NERC) 2020 *British Geological Survey* [online] www.bgs.ac.uk/ accessed 1st December 2020

Turnpenny M 2012 *Archaeological Archive Deposition Policy for Museums in Yorkshire and the Humber* <https://maps.nls.uk> historical mapping data accessed 1st December 2020

7 APPENDICES

APPENDIX 1 TRENCH & CONTEXT REGISTER

NFE=not fully excavated

TR1	L (M)	W (M)	MIN. D (M)	MAX. D (M)	ORIENTATION
	25	2	0.30	0.40	NW-SE
CONTEXT	DESCRIPTION				*D BGL (M)
(01001)	Topsoil: Mid brown silty/loamy clay. Soft/plastic/friable. Light rooting present. Occasional to frequent small to medium flints. Occasional small chalk bits.				0-0.35
(01002)	Natural: Chalky bedrock mixed with mid-orangeish / brown silty clay in fissures. Firm and plastic. Moderate inclusions of small flint fragments and occasional to frequent patches of small/medium/large pieces of chalk and degraded chalk patches as well.				0.35-0.40+(NFE)
Summary	Sterile. Plough scarring visible				
TR2	L (M)	W (M)	MIN. D (M)	MAX. D (M)	ORIENTATION
	25	2	0.35	0.45	N-S
CONTEXT	DESCRIPTION				*D BGL (M)
(02001)	Topsoil: Mid brown silty/loamy clay. Soft/plastic/friable. Light rooting present. Occasional to frequent small to medium flints. Occasional small chalk bits.				0-0.35
(02002)	Natural: Chalky bedrock mixed with mid-orangeish / brown silty clay in fissures. Firm and plastic. Moderate inclusions of small flint fragments and occasional to frequent patches of small/medium/large pieces of chalk and degraded chalk patches as well.				0.35-0.45+(NFE)
Summary	Sterile				
TR3	L (M)	W (M)	MIN. D (M)	MAX. D (M)	ORIENTATION
	25	2	0.30	0.40	NW-SE
CONTEXT	DESCRIPTION				*D BGL (M)
(03001)	Topsoil: Mid brown silty/loamy clay. Soft/plastic/friable. Light rooting present. Occasional to frequent small to medium flints. Occasional small chalk bits.				0-0.30
(03002)	Natural: Chalky bedrock mixed with mid-orangeish / brown silty clay in fissures. Firm and plastic. Moderate inclusions of small flint fragments and occasional to frequent patches of small/medium/large pieces of chalk and degraded chalk patches as well.				0.30-0.40+(NFE)
Summary	Sterile. One small treebole				

APPENDIX 2 PHOTOGRAPHIC REGISTER

PHOTO	DIGITAL NO	SHOWN	FACING	DESCRIPTION
001	100-3970	N/A	N/A	ID shot
002	100-3971	N/A	W	Pre-excavation site condition shot
003	100-3972	N/A	NW	Pre-excavation site condition shot
004	100-3973	N/A	N/A	Working shot
005	100-3974	Trench 1	SE	General shot
006	100-3975	Trench 1	NW	General shot
007	100-3976	Trench 1	SW	North-east facing representative section
008	100-3977	Trench 2	NE	General shot
009	100-3978	Trench 2	SW	General shot
010	100-3979	Trench 2	NW	South-east facing representative section
011	100-3980	Trench 3	NW	General shot
012	100-3981	Trench 3	SE	General shot
013	100-3982	Trench 3	SW	North-east facing representative section
014	100-3983	Trench 3	SE	North-west facing section of treebole
015	100-3984	Trench 3	SE	Plan shot of treebole

APPENDIX 3 OASIS DATA COLLECTION FORM: ENGLAND

OASIS ID: *headland5-409537*

PROJECT DETAILS	
Project name	Land South-West of Wolds Edge, Cold Harbour Farm, Bishop Burton, East Riding of Yorkshire
Short description of the project	Headland Archaeology (UK) Ltd was commissioned by Knights Garth Organic Eggs to undertake an archaeological evaluation by trial trenching, as a condition of a planning permission (ref 20/02046/PLF) for the creation of a poultry unit and associated infrastructure, on land south-west of Wolds Edge, East Riding of Yorkshire. The site lies within a rich archaeological landscape containing archaeological activity from the Mesolithic period onwards. Three trial trenches were excavated all of which were devoid of archaeological features or finds.
Project dates	Start: 30.11.2020 End: 30.11.2020
Previous/future work	No / No
Any associated project reference codes	CHRB20 - Contracting Unit No.
Any associated project reference codes	20/02046/PLF - Planning Application No.
Type of project	Field evaluation
Site status	None
Current Land use	Cultivated Land 3 - Operations to a depth more than 0.25m
Monument type	None
Monument type	None
Significant Finds	None
Significant Finds	None
Methods & techniques	"Sample Trenches"
Development type	Farm infrastructure (eg barns, grain stores, equipment stores, etc)
Prompt	National Planning Policy Framework - NPPF
Position in the planning process	After full determination (eg as a condition)
PROJECT LOCATION	
Country	England
Site location	East Riding of Yorkshire East Riding of Yorkshire Bishop Burton Land South-West of Wolds Edge, Cold Harbour Farm, Bishop Burton, East Riding Of Yorkshire
Study area	150 Square metres
Site coordinates	SE 9747 3839 53.832398024452-0.518782470624 53 49 56 N 000 31 07 W Point
PROJECT CREATORS	
Name of Organisation	Headland Archaeology
Project brief originator	Local Authority Archaeologist and/or Planning Authority/advisory body
Project design originator	Headland Archaeology
Project director/manager	Harrison David
Project supervisor	Michail-Athanasios Kaikas
Type of sponsor/funding body	Developer
PROJECT ARCHIVES	
Physical Archive Exists?	No
Digital Archive recipient	In house
Digital Contents	"none"

Digital Media available	"Text"
Paper Archive recipient	East Riding of Yorkshire Museum
Paper Contents	"none"
Paper Media available	"Report"

PROJECT BIBLIOGRAPHY 1

Publication type	Grey literature (unpublished document/manuscript)
Title	Land South-West of Wolds Edge, Cold Harbour Farm, Bishop Burton, East Riding of Yorkshire; Archaeological Trial Trenchinf Evaluation
Author(s)/Editor(s)	Michail-Athanasios Kaikas
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