

EPWB20



EASTON PARK, GREAT DUNMOW, ESSEX

ARCHAEOLOGICAL WATCHING BRIEF

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for Waterman Infrastructure and Environmental Ltd

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PROJECT INFORMATION:

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PROJECT SUMMARY

Headland Archaeology (UK) Ltd conducted archaeological monitoring across agricultural fields at Easton Park, Great Dunmow, Essex. The work was carried out, at the request of Waterman to monitor site investigation works prior to redevelopment. Fifty-four test pits were monitored and recorded during the programme of works. No archaeological features or deposits were identified in any of the test pits.

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EASTON PARK, GREAT DUNMOW, ESSEX

ARCHAEOLOGICAL WATCHING BRIEF

1. INTRODUCTION

Headland Archaeology (UK) Ltd was commissioned by Waterman Infrastructure and Environment Ltd (the Client) to undertake an archaeological watching brief during the excavation of geotechnical test pits, on agricultural land at Easton Park, Great Dunmow, Essex. The work was undertaken during March and April 2020 in advance of a possible planning application for future development. A total of fifty-four test pits measuring approximately 3m by 0.6m were mechanically excavated under archaeological supervision.

This report conforms to the Written Scheme of Investigation (WSI) (Headland Archaeology 2020) which was submitted to, and approved by, the client.

1.1. SITE LOCATION AND DESCRIPTION

The site is located between Great Dunmow to the east, Stanstead Airport to the west, Great Easton and Brick End to the north and Hope End Green to the south (Illus 1). The A120 crosses the southern portion of the site. It is roughly centred on TL 5885 2346 and comprises numerous fields currently in agricultural (arable) production.

The bedrock geology comprises London Clay Formation (clay, silt and sand) which is largely overlain with Lowestoft Formation (diamicton) with pockets of Head (clay, silt, sand and gravel) and glaciofluvial deposits (sand and gravel) to the south and west (NERC 2020).

1.2. ARCHAEOLOGICAL BACKGROUND

A geophysical survey across most of the proposed application area (Headland Archaeology, forthcoming) has identified some localised

anomalies of possible archaeological origin but no obvious centres of archaeological activity. Many of the anomalies identified by the survey are caused by modern activity associated with the RAF Great Dunmow which occupied large parts of the site from 1943. Anomalies are also attributed to earlier agricultural and parkland features, including ponds, boundaries and trackways, which are shown on historic mapping and forming part of the Little Easton Estate.

1.3. AIMS AND OBJECTIVES

The primary aim was to maintain an archaeological watching brief during the mechanical excavation of ground investigation test pits across the extent of the application area. The specific aim of the monitoring was to determine whether there were any archaeological features, deposits or finds within the test pits and, if so, to record and photograph them.

2. METHODOLOGY

The work was carried out as specified in the WSI (Headland Archaeology 2020) which was agreed with the client in advance of the programme of geotechnical works. General guidance relating to evaluation, recording, report preparation and archiving include that prepared by English Heritage (2006) and the Chartered Institute for Archaeologists (CIfA 2014a–c). More specific guidance is referenced in the relevant sections below.

2.1. SITE WORKS

The location of the test pits was based on the suitability of the land and determined by the site investigation contractors. Test pits were mechanically excavated by a JCB fitted with a

toothless ditching bucket to the depth required by the site investigation contractors and under direct supervision of the attending archaeologist. Mechanical excavation was halted to allow the archaeologist to safely investigate potential archaeological deposits and record where necessary. As health and safety was paramount, and depending on the depth of the excavation, recording of the lower stratigraphic layers was limited to a photographic record from the edge of the test pit.

2.2. RECORDING

All recording followed *ClfA Standards and Guidance for an archaeological watching brief* (ClfA 2014a). All contexts were given a unique number and all test pit information was recorded on pro-forma sheets. Digital photographs of test pits contained a graduated metric scale.

2.3. REPORTING AND ARCHIVES

All aspects of reporting and archiving were undertaken in accordance with guidelines published by ClfA (2014 b and c).

The site archive is comprised of this report, on-site test pit records and digital survey of the excavated areas. An online OASIS report (headland5-394845) has been completed and is accompanied by a PDF report and boundary file. Copies of the report will be sent to the Client and Essex County Council (ECC) in compliance with best practice. A digital copy of the report in PDF/A format has been prepared for inclusion in the ECC Historic Environment Record (HER). The report will be submitted within four weeks of completion of fieldwork.

In addition, the ECC HER will receive georeferenced digital data for survey, evaluation and excavation locations in the form of a shape file or dxf file. This information will be forwarded along with the report to Essex Place Services.

The site archive will be prepared and deposited in accordance with all appropriate standards and guidance. It is anticipated that the archive will be deposited with the Saffron Walden Museum.

If the museum or repository is unable to accept and maintain digital archives, these will be transferred with the rest of the archive following the museum's guidelines and packaged appropriately. Metadata forms will accompany all digital archives. If the museum or repository does not have the means to curate digital material any survey files and digital photographs forming part of the primary record will

be deposited with the report and boundary file at the Archaeology Data Service (ADS) (<http://archaeologydataservice.ac.uk>), accompanied by the relevant metadata.

3. RESULTS

Fifty-four test pits were excavated across the site, measuring between 2.7m and 3.6m in length and 0.48m to 0.6m in width and depths often exceeded 3m (Illus 3 and 4). Topsoil was a mid brown, silty clay and approximately 0.25m thick across the site. It occasionally contained rubble and red brick fragments likely associated with the previous use of the areas as an airfield. Layers of sandy clay overlay the geological subsoil which was a light, yellowish grey or mid orangish brown clay with inclusions of chert, flint, gravels and chalk. Agricultural drainage in the form of ceramic land drains were often encountered within the test pits. Floodplain deposits were present in the eastern part of the site within Test Pits 30 and 31 and a possible paleochannel was identified within Test Pit 30 in the centre of the site.

No archaeological features were identified within the test pits.

A description of the Test Pits can be found in Appendix 1.

4. DISCUSSION

No archaeological features or deposits were observed during the watching brief, and no artefacts were identified in any of the test pits.

5. REFERENCES

ClfA 2014a, *Standard and guidance for an archaeological watching brief* https://www.archaeologists.net/sites/default/files/CIfAS&GWatchingbrief_2.pdf accessed 22 May 2020

ClfA 2014b *Standard and Guidance for the Collection, Documentation, Conservation and Research of Archaeological Materials* https://www.archaeologists.net/sites/default/files/CIfAS&GFinds_1.pdf accessed 22 May 2020

CIFA 2014c, *Standard and guidance for the creation, compilation, transfer and deposition of archaeological archives* available from https://www.archaeologists.net/sites/default/files/CIfAS&GArchives_2.pdf accessed 22 May 2020

English Heritage 2006a: Management of Research Projects in the Historic Environment – The MoRPHE Project Managers' Guide

Headland Archaeology 2020 *Easton Park, Great Dunmow, Essex. Written Scheme of Investigation for an Archaeological Watching Brief*, [unpublished client document], Headland Archaeology (UK) Ltd

Natural Environment Research Council (NERC) 2016 *British Geological Survey* [online] accessed from <http://mapapps.bgs.ac.uk/geologyofbritain/home.html> accessed 22 May 2020

6. APPENDICES

APPENDIX 1 TEST PIT AND CONTEXT REGISTER

Test Pit 01 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
01001	Topsoil	-	0.25m
01002	Subsoil	-	0.1m
01003	Geological subsoil	Light yellowish brown, compact clay mottled with grey patches and occasional flint inclusions	1m+

Test Pit 02 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
02001	Topsoil	-	0.25m
02002	Subsoil	-	0.2m
02003	Geological subsoil	Light yellowish brown, compact, sandy clay with frequent chalk and occasional flint inclusions	1m+

Test Pit 03 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
03001	Topsoil	-	0.25m
03002	Subsoil	-	0.2m
03003	Subsoil	Light yellowish brown, compact, sandy clay with regular chalk and occasional flint inclusions	1m
03004	Geological subsoil	Orange, mottled clay with moderate inclusions of chalk and flint	1m+

Test Pit 04 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
04001	Topsoil	-	0.3m
04002	Subsoil	-	0.35m
04003	Geological subsoil	Mid yellowish brown, sandy clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 05 3.1m x 0.53m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
05001	Topsoil	Mid brown, silty clay with moderate chert and stones. Firm and plastic	0.4m
05002	Geological subsoil	Mid orangish brown clay with frequent chalk and gravel inclusions. Firm and friable	0.4m+

Test Pit 06 3.1m x 0.53m			
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<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
06001	Topsoil	Mid brown, silty clay with moderate chert, stone, coal and glass inclusions. Firm and plastic. Possibly associated with demolition of the previous airfield	0.3m
06002	Subsoil	Light greyish orange clay with moderate chert, chalk, flint and gravel inclusions	0.6m
06003	Geological subsoil	Light greyish orange, sandy clay with frequent chalk and gravel. Firm and friable	1.6m+

Test Pit 07

3.1m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
07001	Topsoil	Mid brown, clayey silt with occasional stones. Firm and friable	0.3m
07002	Subsoil	Mid orange clay with occasional stones and gravel. Firm and plastic	0.35m
07003	Geological subsoil	Light greyish orange, sandy clay with frequent chalk and gravel. Firm and friable	2.15m+

Test Pit 08

3.1m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
08001	Topsoil	Mid brown, silty clay with moderate flint, chert, stone and gravel inclusions	0.25m
08002	Geological subsoil	Mid orange clay with occasional flint, chert, chalk and gravel inclusions. Firm and compact. Lens of sandy, clayey gravel at 2.3m depth	0.2m

Test Pit 09

3.1m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
09001	Topsoil	Mid brown, clayey silt with occasional stones. Firm and friable	0.35m
09002	Subsoil	Mid orange clay with occasional flint, chert, chalk and gravel inclusions. Firm and plastic	2.4m+
09003	Geological subsoil	Mid greyish orange clay with occasional chert, flint, chalk and gravel inclusions. Firm and compact	

Test Pit 10

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
10001	Topsoil	Shallow due to heavy ploughing	0.1m
10002	Subsoil	Mid orangish brown, mottled, compact clay	0.2m
10003	Geological subsoil	Greyish brown, compact clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 11

3.1m x 0.53m

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<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
11001	Topsoil	Mid orangish brown, sandy silt with frequent CMB and large fragments of red brick inclusions. Rubble associated with the previous airfield. Loose and friable	0.35m
11002	Subsoil	Light greyish brown clay with moderate chert and stone inclusions. Firm and compact	0.55m
11003	Geological subsoil	Light orangish grey clay with frequent chalk and gravel inclusions. Firm and friable	1.8m+

Test Pit 12

3.1m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
12001	Topsoil	Mid brown, silty clay with moderate stones and chert inclusions. Firm and plastic	0.3m
12002	Subsoil	Mid orange, sandy clay with chalk and gravel inclusions which increase in occurrence with depth. Firm and compact	0.5m
12003	Geological subsoil	Light orangish grey clay with frequent chalk and gravel inclusions. Firm and friable	2.1m+

Test Pit 13

3.15m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
13001	Topsoil	Mid brown, silty clay with moderate stones and chert inclusions. Firm and plastic	0.35m
13002	Subsoil	Mid orangish grey clay with occasional chalk and gravel inclusions. Firm and compact	0.45m
13003	Geological subsoil	Light orangish grey, sandy clay with frequent chalk and gravel inclusions. Firm and friable	2m+

Test Pit 14

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
14001	Topsoil	-	0.2m
14002	Subsoil	Interface layer	0.08m
14003	Geological subsoil	Light yellowish brown, compact clay with chalk inclusions	1m+

Test Pit 15

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
15001	Topsoil	-	0.17m
15002	Subsoil	Interface layer	0.03m
15003	Geological subsoil	Light yellowish brown, compact clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 16

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
16001	Topsoil	-	0.25m
16002	Subsoil	-	0.11m
16003	Geological subsoil	Mid yellowish orange, compact clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 17

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
17001	Topsoil	-	0.25m
17002	Subsoil	-	0.11m
17003	Subsoil	Light yellowish brown, compact clay with chalk and flint inclusions	0.3m
17004	Geological subsoil	Light yellowish grey clay with chalk and shell inclusions	1m+

Test Pit 18

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
18001	Topsoil	-	0.2m
18002	Subsoil	-	0.02m
18003	Geological subsoil	Light yellowish brown, sandy clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 19

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
19001	Topsoil	-	0.3m
19002	Subsoil	-	0.03m
19003	Geological subsoil	Light yellowish brown, compact clay with frequent chalk and occasional flint inclusions	2.7m+

Test Pit 20

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
20001	Topsoil	-	0.2m
20002	Subsoil	-	0.03m
20003	Made ground	Mid greyish brown, friable clay with modern CBM inclusions. Made ground	0.8m+

Test Pit 21

3.1m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
21001	Topsoil	Mid brown, clayey silt with frequent stones and cherty inclusions. Sticky but friable. Broken red brick fragments from a relict service also present	0.5m
21002	Geological subsoil	Light yellowish grey clay with occasional sandstone fragments and moderate gravel and chalk inclusions	2.1m+

		that increase in occurrence with depth. Firm and compact	
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Test Pit 22 3.1m x 0.53m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
22001	Topsoil	Mid brown, silty clay with frequent chert and occasional small fragments of coal inclusions. Firm and friable. Broken red bricks also present	0.38m
22002	Subsoil	Mid orange clay with occasional gravel and moderate stone and chert inclusions. Firm and compact	0.61m
22003	Subsoil	Light orangish grey, sandy clay with gravel and frequent chalk inclusions. Firm and friable	0.9m
22004	Geological subsoil	Mid orange sandy silt with occasional gravel and chalk inclusions. Loose and friable	0.6m+

Test Pit 23 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
23001	Topsoil	Very truncated	0.17m
23002	Subsoil	Light yellowish brown, sandy clay with frequent chalk and moderate flint inclusions	0.08m
23003	Geological subsoil	Greyish brown, compact clay	2.15m+

Test Pit 24 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
24001	Topsoil	Very truncated	0.25m
24002	Subsoil	-	0.17m
24003	Subsoil	Light yellowish brown, sandy clay with frequent chalk and moderate flint inclusions	1m
24004	Geological subsoil	Loose gravels	1.58m+

Test Pit 25 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
25001	Topsoil	-	0.25m
25002	Subsoil	-	0.15m
25003	Subsoil	Mid to dark brown, compact clay	1m
25004	Geological subsoil	Compact, grey clay	1.7m+

Test Pit 26 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
26001	Topsoil	-	0.27m
26002	Subsoil	-	0.1m
26003	Subsoil	Mid to dark orangish brown, compact, sandy clay	0.1m
26004	Geological subsoil	Dark brown, compact clay	1m+

Test Pit 27 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
27001	Topsoil	-	0.21m
27002	Subsoil	-	0.17m
27003	Subsoil	Mid yellowish brown clay with flint and chalk inclusions	0.45m
27004	Geological subsoil	Light yellowish brown, compact clay with flint and chalk inclusions	1m+

Test Pit 28 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
28001	Topsoil	-	0.27m
28002	Subsoil	-	0.32m
28003	Subsoil	Light yellowish brown, compact sandy clay with frequent chalk and moderate flint inclusions	0.62m
28004	Geological subsoil	Bright yellow sands and gravels	1m+

Test Pit 29 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
29001	Topsoil	-	0.27m
29002	Subsoil	Yellowish brown, friable, sandy clay	0.25m
29003	Geological subsoil	Light yellowish brown sandy clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 30 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
30001	Topsoil	-	0.24m
30002	Subsoil	Alluvium	0.4m
30003	Geological subsoil	Sands and gravels	2.36m+

Test Pit 31 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
31001	Topsoil	-	0.27m
31002	Subsoil	Greyish brown, sandy clay	0.2m
31003	Subsoil	Mid yellowish brown, sandy clay with occasional flint and frequent chalk inclusions	0.1m
31004	Geological subsoil	Orangish yellow, coarse sands	1m+

Test Pit 32 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
32001	Topsoil	-	0.18m
32002	Subsoil	-	0.1m

32003	Subsoil	Mid yellowish brown, compact clay with frequent chalk and moderate flint inclusions	0.5m
32004	Subsoil	Sands and gravels	1.11m
32005	Geological subsoil	Coarse sands with unsorted, flint inclusions	1.11m+

Test Pit 33 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
33001	Topsoil	-	0.13m
33002	Subsoil	-	0.18m
33003	Geological subsoil	Mid yellowish brown, compact clay with moderate chalk and flint inclusions. Becomes more friable and lighter in colour as depth increases	2.89m+

Test Pit 34 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
34001	Topsoil	-	0.15m
34002	Subsoil	Mid to dark orangish brown compact clay with moderate flint inclusions	0.2m
34003	Geological subsoil	Mid yellowish brown, compact clay with moderate chalk and flint inclusions. Becomes more friable and lighter in colour as depth increases	2.63m+

Test Pit 35 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
35001	Topsoil	-	0.12m
35002	Subsoil	-	0.1m
35003	Subsoil	Light yellowish brown, compact, sandy clay with chalk inclusions	1m
35004	Geological subsoil	Chalk	1.78m+

Test Pit 36 2.7m x 0.53m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
36001	Topsoil	Mid brown, firm and friable, silty clay with frequent gravels, coal and occasional fragments of CMB associated with the previous use of the site as an airfield	0.5m
36002	Subsoil	Mid orange, sandy clay with occasionally manganese and moderate chert and gravel. Firm and friable	0.15m
36003	Subsoil	Light orangish grey, firm and compact clay with occasional gravel	0.4m
36004	Geological subsoil	Light orangish grey, sandy clay with frequent chalk and gravels. Firm and friable	0.5m+

Test Pit 37 3.15m x 0.53m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>

37001	Topsoil	Mid brown, silty clay with frequent chert and moderate gravel and small fragments of charcoal. Firm and plastic	0.25m
37002	Subsoil	Mid orange clay with frequent gravels and chalk. Firm and compact	1.25m
37003	Geological subsoil	Light orangish grey clay with frequent gravels and chalk. Firm and friable	1.3m+
37004	Cut	Possible cut feature at western end of test pit. Contained fill (37005). Cuts through topsoil so is likely to be a modern pit	0.3m length
37005	Fill	Fill of [37004]. Very similar to (37001) but with more fragments of charcoal	-

Test Pit 38

3.5m x 0.48m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
38001	Topsoil	Mid brown, silty clay with frequent chert and gravel inclusions. Firm and plastic	0.33m
38002	Geological subsoil	Mid orange, firm clay with frequent chert, chalk and gravel inclusions	2.77m+

Test Pit 39

3.65m x 0.48m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
39001	Topsoil	Mid brown, silty clay with frequent chert and gravel inclusions. Firm and plastic	0.4m
39002	Geological subsoil	Mid orange, firm clay with moderate quartz, chert, chalk manganese and occasional manganese	2.4m+

Test Pit 40

3.6m x 0.48m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
40001	Topsoil	Mid brown, silty clay with frequent stones	0.35m
40002	Subsoil	Mid orangish brown clay, with moderate stones and frequent chalk and gravel inclusions. Firm and compact	1.45m
40003	Geological subsoil	Light orangish grey, clayey sand with frequent gravel inclusions. Loose and friable	0.7m+

Test Pit 41

3.3m x 0.48m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
41001	Topsoil	Mid brown, silty clay with frequent chert inclusions. Firm and plastic	0.4m
41002	Subsoil	Mid orangish grey, sandy clay with frequent gravel and chalk inclusions. Firm and friable	0.5m
41003	Geological subsoil	Light orangish grey, clayey sand with frequent gravel. Loose and friable	1.5m+

Test Pit 42

3.35m x 0.53m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
42001	Topsoil	Mid brown, silty clay with frequent stones and occasional fragments of sandstone inclusions. Firm and plastic	0.33m
41002	Geological subsoil	Light orangish grey, sandy clay with occasional fragments of sandstone and frequent chert, chalk and gravel. Becomes sandier and more orange with increasing depth	2.77m+

Test Pit 43

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
43001	Topsoil	-	0.3m
43002	Geological subsoil	Light yellowish brown, compact clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 44

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
44001	Topsoil	-	0.27m
44002	Geological subsoil	Light yellowish brown, compact clay with frequent chalk and moderate flint inclusions	1m+

Test Pit 45

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
45001	Topsoil	-	0.3m
45002	Subsoil	-	0.5m
45003	Geological subsoil	light yellowish brown, compact clay with frequent chalk and occasional flint inclusions	1m+

Test Pit 46

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
46001	Topsoil	-	0.3m
46002	Subsoil	Light yellowish brown, compact, sandy clay with frequent chalk and moderate flint inclusions	1m
46003	Geological subsoil	Light greyish brown, compact clay	0.45m+

Test Pit 47

3m x 0.6m

<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
47001	Topsoil	-	0.3m
47002	Subsoil	Light yellowish brown, compact, sandy clay with frequent chalk and moderate flint inclusions	1m
47003	Geological subsoil	Light yellow, coarse sand	1.7m+

Test Pit 48 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
48001	Topsoil	-	0.25m
48002	Subsoil	Dark orangish brown, sandy clay	0.15m
48003	Geological subsoil	Light yellowish brown, compact, sandy clay with frequent chalk and occasional flint inclusions	1m+

Test Pit 49 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
49001	Topsoil	-	0.25m
49002	Subsoil	-	0.1m
49003	Geological subsoil	Light yellowish brown, mottled clay with flint inclusions	1m+

Test Pit 50 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
50001	Topsoil	-	0.25m
50002	Subsoil	Orangish brown, friable, sandy clay	0.02m
50003	Subsoil	Light yellowish brown, compact, sandy clay with frequent chalk and occasional flint inclusions	1m
50004	Geological subsoil	Yellow, loose, coarse sands	1.73m+

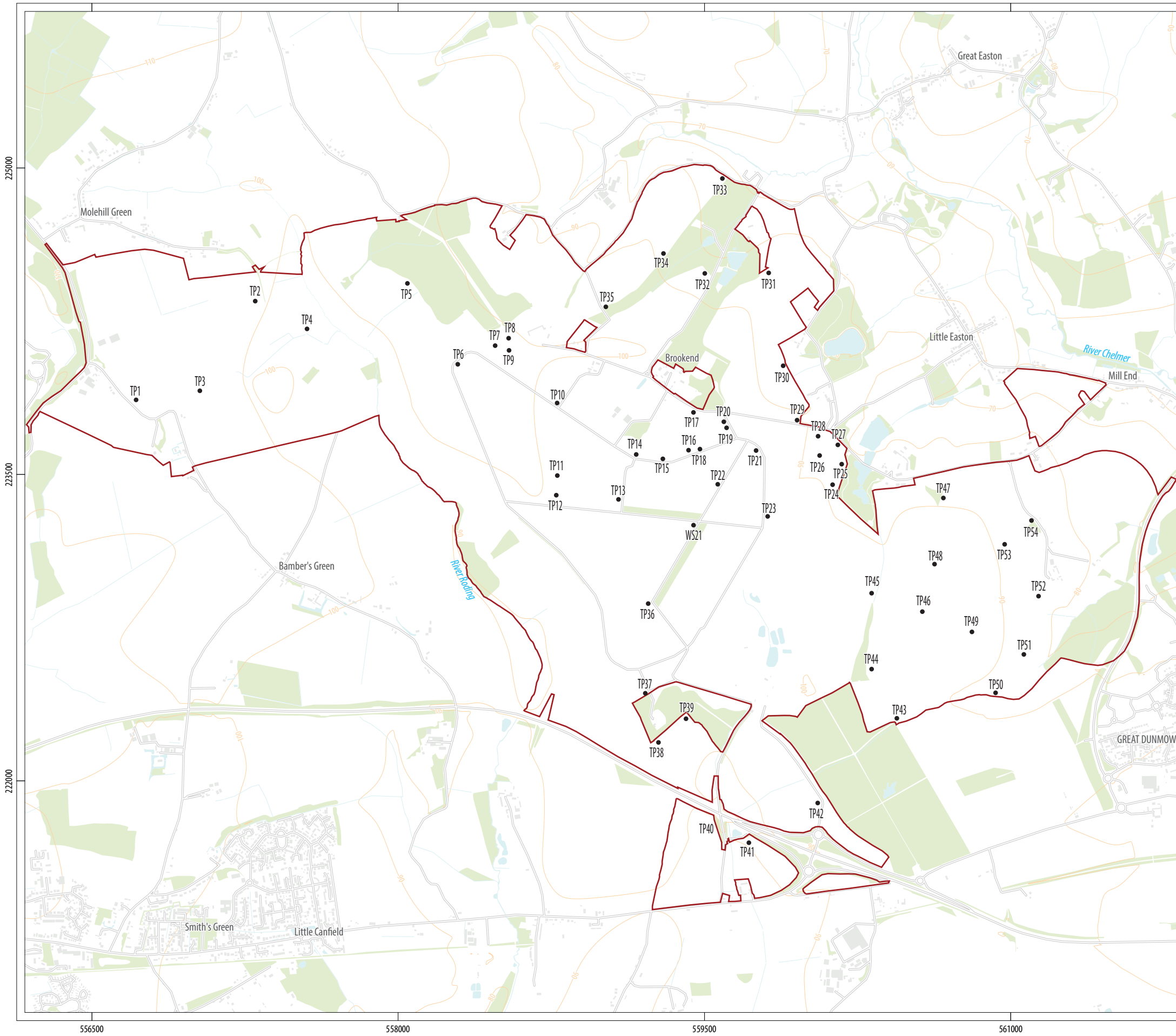
Test Pit 51 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
51001	Topsoil	-	0.3m
51002	Subsoil	-	0.1m
51003	Subsoil	Orangish brown, compact sandy clay	1m
51004	Geological subsoil	Mid brownish grey, mottled, compact, sandy clay with moderate flint inclusions	1.6m+

Test Pit 52 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
52001	Topsoil	-	0.3m
52002	Subsoil	Dark grey gravels	0.05m
52003	Geological subsoil	Orangish yellow coarse sands	1m+

Test Pit 53 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
53001	Topsoil	-	0.3m
53002	Subsoil	-	0.12m
53003	Subsoil	Yellowish brown, compact, sandy clay with occasional flint inclusions	0.8m

53004	Geological subsoil	Orangish yellow coarse sands	1.78m+
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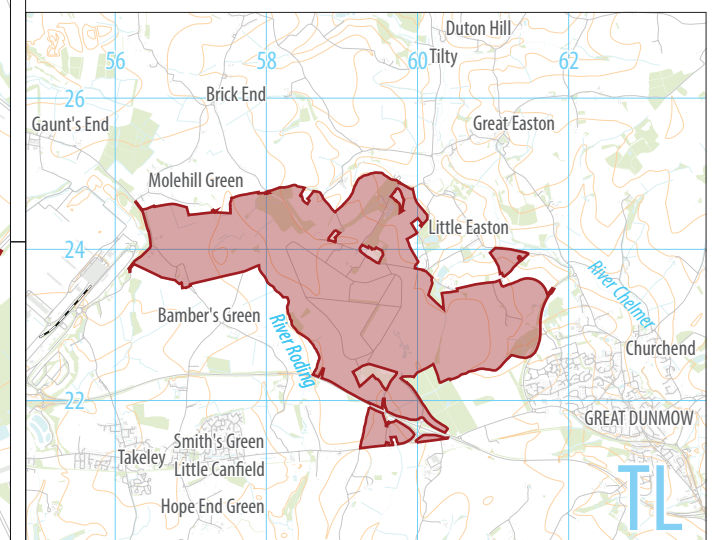
Test Pit 54 3m x 0.6m			
<i>Context</i>	<i>Interpretation</i>	<i>Description of contexts</i>	<i>Dimensions (thickness)</i>
54001	Topsoil	-	0.3m
54002	Subsoil	-	0.5m
54003	Subsoil	Light grey, sandy clay	0.5m
54004	Geological subsoil	Dark grey, compact, silty clay	1m+



Easton Park
Great Dunmow
Essex



0 200km
1:12,500,000 @ A3



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0 400m
1:20,000 @ A3

- application area
- test pit location



Illus 2 Excavation of Test Pit 03



Illus 3 South-west facing section of Test Pit 08



Illus 4 View of fully excavated Test Pit 26