Wessex Archaeology

Land at Cannon Lane, Tonbridge, Kent

Archaeological Evaluation Report

Ref: 76690.01

February 2011

LAND AT CANNON LANE, TONBRIDGE, KENT

Archaeological Evaluation Report

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DISCLAIMER

QUALITY ASSURANCE

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Archaeological Evaluation Report

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Summary

Wessex Archaeology was appointed by CgMs Consulting, to carry out an archaeological evaluation on land at Cannon Lane, Tonbridge, Kent, National Grid Reference (NGR) 559534E, 146534N.

The evaluation was carried out in respect of development proposals for the site. The proposals include the redevelopment of the site as a mixed residential/retail/commercial development with associated roads, landscaping and open spaces. The development will comprise 3-5 storey buildings supported on piled foundations with lower ground parking.

The site occupies a flood plain of the River Medway and is understood to have remained undeveloped up to the late 20th century. A Desk Based Assessment compiled by CgMs Consulting (CgMs 2010) identified the potential for gravel deposits of Pleistocene date to be present at the site which may contain evidence of Palaeolithic activity; a low to moderate potential for archaeological remains of other periods has been suggested.

The evaluation comprised the excavation of 16 trenches with sondages implemented at the end of trenches to ascertain the presence/absence/depth of any Pleistocene gravel deposits and any Palaeolithic evidence therein.

All evaluation trenches were excavated using a mechanical excavator with a toothless bucket, under constant archaeological supervision. The fieldwork took place between the 7th and 11th February 2011.

The evaluation recorded no archaeological features, deposits or artefacts of archaeological significance.

LAND AT CANNON LANE, TONBRIDGE, KENT

Archaeological Evaluation Report

Acknowledgements

The project was commissioned by CgMs Consulting and Wessex Archaeology would like to thank Suzanne Gailey in this regard. The assistance of Wendy Rogers, the County Archaeologist for Kent County Council, who monitored the fieldwork, is also appreciated.

The fieldwork was directed by Rob De'Athe with the assistance of Marie Kelleher and Steve Price. The report was prepared by Rob De'Athe and the illustrations by Linda Coleman. The project was managed on behalf of Wessex Archaeology by Brendan Wilkins.

LAND AT CANNON LANE, TONBRIDGE, KENT

Archaeological Evaluation Report

1 INTRODUCTION

1.1 Project Background

1.1.1 Wessex Archaeology was appointed by CgMs Consulting, to carry out an archaeological evaluation on land at Cannon Lane, Tonbridge, Kent at NGR 559531E, 146534N hereafter 'the site' (**Figure 1**). The evaluation was carried out in respect of development proposals which include the redevelopment of the site as a mixed retail and residential/commercial development. The development will comprise 3-5 storey buildings with lower ground parking in the northern area of the site. Due to the underlying ground conditions it is envisaged that piled foundations will be used.

1.1.2 The evaluation relates to the second phase of archaeological work on the site, comprising the excavation of sixteen trial trenches, and follows an initial phase of archaeological work which comprised a Desk-Based Assessment (CgMs 2010).

1.1.3 The fieldwork was conducted from the 7th to the 11th of February 2011.

1.2 Site Location, Topography and Geology

1.2.1 The site is located on land off Cannon Lane, Tonbridge, Kent and occupies approximately 3 hectares (ha). The site is bounded to the south by the River Medway, to the east by Cannon Lane, to the north by a retail park and to the west by Mill Stream which meets the River Medway at the Tonbridge Town Lock. The site is centered on NGR 559531E, 146534N.

1.2.2 The site is situated approximately 22 meters (m) above Ordnance Datum (aOD) and is covered in minor scrub vegetation. There are no structures on the study site although Made Ground identified during geotechnical investigations in 2004 confirmed its presence across the site. This was especially prevalent in the eastern area.

1.2.3 The geological sequence underlying the site comprises Made Ground to a depth of up to 2m below ground level (bgl) overlying alluvial deposits to a depth of 3.5m bgl. River Terrace deposits comprising gravels have been identified below the alluvium with the Tunbridge Wells Sand Formation below the gravel deposits.

2 ARCHAEOLOGICAL AND HISTORICAL BACKGROUND

2.1 Introduction

2.1.1 An Archaeological Desk-Based Assessment had been prepared by CgMs Consulting (CgMs 2010) detailing the archaeological potential of the site; the following is a summary of that report.

2.2 Prehistoric (500,000BC – AD43)

2.2.1 Pleistocene fluvial sands and gravels survive as terraces on the valley flanks above the current course of the River Medway and a substantial amount of Palaeolithic material has been recorded within these terrace deposits across Kent.

2.2.2 Archaeological remains of later prehistoric date are not believed to be present within the site boundary.

2.3 Romano-British (AD43 - 410)

2.3.1 No remains of Roman date are thought to be present at the study site.

2.4 Saxon and Medieval (AD410 – 1499)

2.4.1 Saxon remains have been recorded in the areas surrounding the study site but no evidence for Saxon activity has been identified at the site itself. The study site is located outside of the medieval town walls and remains of this period are unlikely.

2.5 Post-medieval (AD1500 – 1800)

2.5.1 The site lay undeveloped until the mid 20th century when a telephone depot was located in the eastern region of the site. Remains of any significance relating to the post-medieval period are unlikely to be present.

2.6 Archaeological Potential

2.6.1 The desk-based assessment (CgMs 2010) has concluded that although the site has a low potential for remains of Palaeolithic date and a low to moderate potential for remains of all other periods. It is expected that Made Ground relating to the levelling of the site and associated with the telephone exchange will be present especially in the eastern part of the site.

3 AIMS AND OBJECTIVES

3.1 General

3.1.1 The aims of the archaeological evaluation were:

- To determine or confirm the presence or absence and the general nature of any archaeological remains present that may be threatened by development;
- To determine or confirm the approximate date or date range of any remains, by means of artefactual, sedimentological, environmental or other evidence where development is proposed;
- To ascertain the extent, depth below ground surface, depth of deposit, character, significance and condition of any archaeological remains on the site;
- To establish the extent to which previous development on the site has affected archaeological deposits;
- To inform and provide information for any future mitigation that may be required;
- To identify the presence/absence of any Pleistocene gravel deposits and any finds/palaeo-environmental evidence therein.

3.2 Specific

3.2.1 The specific aims of the archaeological evaluation, as specified in the *WSI* (KCC 2011), were to address the following research issues:

- *Are Pleistocene gravel deposits present on the site and at what depth?*
- *Is there any evidence of Palaeolithic activity contained within the gravel deposits?*
- *Is there any evidence of activity from other periods on the site?*

4 METHODOLOGY

4.1 Introduction

4.1.1 The following methodology was proposed in order to meet the aims of the evaluation. All fieldwork was conducted in accordance with the methodology set out in the *WSI* (KCC 2011) and carried out in compliance with the standards outlined in the Institute for Archaeologists' *Standard and Guidance for Archaeological Field Evaluation* (2009).

4.2 Service location

4.2.1 Prior to and during excavation, the trenches were scanned to verify the absence of any underground services using a Cable Avoidance Tool (CAT).

4.3 Fieldwork

4.3.1 All sixteen evaluation trenches were opened over the course of three days in fair weather with some rain on the third day. **Trenches 1, 4** and **15** were altered in their alignment to avoid a mass of concrete, rabbit warren and a concrete surface respectively. No sondages were implemented in **Trenches 1, 4** and **12** due to the presence of two extant animal burrows and services respectively.

4.3.2 All trenches measured 20m x 2m and were excavated to a depth of 1.2m; sondages at the ends of the trenches were excavated until gravel deposits were encountered. These were subsequently sampled and examined for the presence of any Palaeolithic material/evidence.

4.3.3 All trenches were excavated with a 360° tracked mechanical excavator, equipped with a toothless bucket, under constant archaeological supervision. Machining continued to the first recognisable archaeological horizon or the underlying geological deposits, whichever was encountered first.

4.3.4 The machine excavated arisings were stored adjacent to the trench and spoil heaps were routinely inspected for artefacts and ecofacts of archaeological interest.

4.3.5 All trenches were marked out on the ground using a Global Positioning System (GPS) prior to the commencement of work.

4.3.6 All trenches, on agreement with the Archaeological Officer for Kent County Council, were backfilled on completion of the archaeological recording.

4.4 Recording

4.4.1 All recording was undertaken using Wessex Archaeology's *pro forma* recording system.

4.4.2 A complete drawn record of the evaluation trenches comprising both plans and sections, drawn to appropriate scales (1:20 for plans, 1:10 for sections) were undertaken. The plans and sections were annotated with coordinates and aOD heights.

4.4.3 Photographs were taken as appropriate, providing a record of excavated trenches to illustrate their location and context, and images of the site overall. The photographic record comprises digital photography. A photographic register of all photographs taken is contained within the project archive.

4.4.4 All interventions were surveyed using a GPS tied into the Ordnance Survey.

4.5 Health and Safety

4.5.1 All work was carried out in accordance with the Health and Safety at Work Act 1974, the Management of Health and Safety regulations 1992 and Health and Safety in Field Archaeology 1997, and all other relevant Health and Safety legislation, regulations and codes of practice in force at the time.

4.5.2 A Health and Safety Risk Assessment was produced by Wessex Archaeology (2011), which was read and understood by all staff attending the site before groundwork commenced.

5 RESULTS

5.1 Introduction

5.1.1 This section presents the results of the Archaeological Evaluation. Detailed descriptions of the contexts recorded are included in **Appendix 2.**

5.1.2 **Figure 1** presents the site and the trench locations. **Plates 1-6** provide photographic images of a selection of three evaluation trenches (**Trenches 2, 8 & 14**) in the western, central and eastern areas of the site respectively along with excavated sondages and gravel deposits.

5.2 Stratigraphic Sequence

5.2.1 Topsoil or hardcore (**Trench 15** only) overlay a mixture of Made Ground and subsoil in all but one trench (**Trench 3**). The Made Ground was present in **Trenches 1, 2, 12** and **15** where it was particularly prevalent at the northern end of this Trench. No subsoil was identified in **Trench 3** where topsoil directly overlay alluvium.

5.2.2 Topsoil overlay a light to mid brown silty clay subsoil in **Trenches 4-11** and **13-16**. A modern service trench **[1107]** was observed in the base of **Trench 11**. This contained a rubble back fill **(1108)** mixed with general building debris.

5.2.3 All trenches were excavated to a depth of 1.2m through alluvial deposits which generally comprised reddish brown silty clay stained with manganese. Some occasional colour variations were also observed throughout these alluvial deposits.

5.2.4 No archaeological features were observed during the course of the evaluation, similarly, no finds other than modern debris were observed.

5.3 Pleistocene gravel deposits

5.3.1 Sondages to ascertain the depth and character of potential Pleistocene gravel deposits were excavated in 13 of the 16 trenches (**Trenches 2, 3, 5-11** and **13-16**). Sondages could not be implemented in **Trenches 1, 2** and **12** due to extant animal burrows and services. The sondages were excavated through alluvial deposits and were extended into the gravels to allow for a moderate amount to be removed for assessment for Palaeolithic evidence.

5.3.2 The gravels were recorded at varying depths across the site:

- **Trench 2** – 2.30m bgl
- **Trench 3** – 2.50m bgl
- **Trench 5** – 2.20m bgl
- **Trench 6** – 2.30m bgl
- **Trenches 7 & 8** – 3.30m bgl
- **Trench 9** – 2.80m bgl
- **Trench 10** – 2.20m bgl
- **Trench 11** – 2.30m bgl
- **Trench 13** – 3.20m bgl
- **Trench 14** – 2.45m bgl
- **Trench 15** – 2.30m bgl
- **Trench 16** – 2.20m bgl.

5.3.3 The gravels encountered at the above depths comprised small to medium sized rounded and sub-rounded flint pebbles contained within a dark brown to medium to dark grey sandy matrix. Some larger (*c.*50mm – 70mm) sub-rounded flint pebbles were also observed but were very sparse in quantity.

5.3.4 Generally the rounded and sub-rounded gravels were a toffee brown colour, *c.*10mm – 30mm in size, with very rare quartzite rounded pieces included within the sandy matrix. No evidence of anthropomorphic activity within the gravel deposits could be identified. Similarly no material worth

environmentally sampling was observed in the gravel deposits across the site.

5.4 Archaeological Results

5.4.1 No archaeological features or deposits were recorded within the evaluation trenches. No evidence of Palaeolithic activity was recorded in the sondages or gravels deposits.

6 FINDS

6.1.1 No artefactual evidence was recovered during the watching brief or from the excavated spoil. Modern artefacts were noted across the site but not retained.

7 ENVIRONMENTAL

7.1.1 No features or deposits suitable for environmental sampling were identified during the watching brief.

8 DISCUSSION

8.1.1 Several trenches contained Made Ground, no doubt resulting from past levelling of the site and more recent general waste disposal. Made Ground and modern service runs in the eastern region of the site, where a recent telephone exchange were located, was more pronounced.

8.1.2 The evaluation trenches revealed no archaeological remains within the site boundary. No finds other than modern debris was encountered within the trenches or excavated spoil. As the site occupies what would have been a floodplain, as attested to by the thick alluvial deposits, this is unsurprising.

8.1.3 Pleistocene gravel deposits were identified across the entire site, albeit at varying depths. However, no Palaeolithic evidence was identified within these deposits.

8.1.4 The potential for the survival of significant archaeological remains within the site is low.

9 ARCHIVE

9.1 Preparation and Deposition

9.1.1 The complete project archive will be prepared in accordance with Wessex Archaeology's *Guidelines for Archive Preparation* and in accordance with *Guidelines for the Preparation of Excavation Archives for Long-Term Storage* (Walker 1990) and following nationally recommended guidelines (SMA 1995). On completion of the project, the archive will be deposited with the County Museum Service or similar repository to be agreed with the Archaeological Officer for Kent County Council.

9.2 Archive

9.2.1 Following the fieldwork the archive and all artefacts were subsequently transported to Wessex Archaeology's Rochester office where they were

processed and assessed for this report. The accompanying documentary records from the archaeological works have been compiled into a stable fully cross-referenced and indexed archive in accordance with Appendix 6 of Management of Archaeological Projects (English Heritage 1991).

9.2.2 The contents of the project archive, comprises an A4 ring-bound file containing the following (as further detailed in **Appendix 1**):

- 16 Trench Record Sheets
- 2 Photographic Records
- Day Book (5 sheets)
- A copy of the WSI
- A copy of the DBA
- A copy of the RA

9.2.3 The project archive including plans, photographs and written records are currently held at Wessex Archaeology's Rochester office under the site code **76690**. The project archive will be deposited with an appropriate local museum in the Kent area. As no artefactual evidence was recovered no agreement from the landowner is required in relation to the deposition of the archive.

9.3 Copyright

9.3.1 The full copyright of the written/illustrative archive relating to the site will be retained by Wessex Archaeology Ltd under the Copyright, Designs and Patents Act 1988 with all rights reserved. The recipient museum, however, will be granted an exclusive license for the use of the archive for educational purposes, including academic research, providing that such use shall be non-profit making, and conforms to the Copyright and Related Rights regulations 2003.

9.4 Security Copy

9.4.1 In line with current best practice, on completion of the project a security copy of the paper records will be prepared, in the form of microfilm. The master jackets and one diazo copy of the microfilm will be submitted to the National Monuments Record Centre (NMR) (English Heritage) in Swindon; a second diazo copy will be deposited with the paper records at the appropriate local museum, and a third diazo copy will be retained by Wessex Archaeology.

10 REFERENCES

British Geological Survey 2011 *Geological map data.* [Online] Available at: http://www.bgs.ac.uk/GeoIndex/geology.htm

English Heritage 1991 *Management of Archaeological Projects*. London, English Heritage

Institute for Archaeologists 2009 *Standard and Guidance for Archaeological Field Evaluation*

Kent County Council 2011 *Specification for archaeological trial trenching at Land at Cannon Lane, Tonbridge, Kent*. Kent County Council

SMA 1995 *Towards an Accessible Archaeological Archive*. Society of Museum Archaeologists

Walker K. 1990 *Guidelines for the Preparation of Excavation Archives for Long-Term Storage*. UKIC Archaeology Section

APPENDIX 1: ARCHIVE INDEX

File No.	NAR Cat.	Details	Format	No. Sheets
1	-	Index to Archive	A4	1
1	A	Client Report	A4	20
1	-	Project Specification	A4	23
1	B	Day Book (photocopy)	A4	5
1	B	Trial trench records	A4	16
1	B	Context Record Sheets	A4	-
1	B	Survey Data Index	A4	-
1	B	Survey Data Print-out	A4	1
1	B	Site Graphics	A4	-
1	B	Site Graphics	A3	-
1	D	Photographic Register	A4	2
1	D	CD-Rom – digital photo's	-	
1	E	Environmental Sample Register	A4	-
1	E	Environmental Sample Records	A4	-
FINDS	None			

APPENDIX 2: TRENCH SUMMARY TABLES

All archaeological deposits/features shown in **bold**
All (+) indicate deposits/features not fully excavated
'Depth' equals depth from present ground surface

Trench 1	**Dimensions:** 20m x 2m / Max. depth 1.2m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
101	Dark greyish brown clayey silt	Topsoil	0.00-0.16
102	Mid brown silty clay with common rubble fragments	Made ground	0.16-0.24
103	Rubble, hardcore mixed with some sandy clay	Made ground	0.24-0.45
104	Mid brown silty clay with manganese staining	Alluvium	0.45-1.09
105	Dark brown silty clay with abundant manganese staining	Alluvium	1.09-1.20+

Trench 2	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
201	Dark greyish brown clayey silt	Topsoil	0.00-0.18
202	Mid brown silty clay with common rubble fragments	Made ground	0.18-0.29
203	Mid brown silty clay with occasional manganese	Alluvuim	0.29-0.38
204	Mid brown silty clay with manganese staining	Alluvium	0.38-1.09
205	Dark brown silty clay with abundant manganese staining	Alluvium	1.09-1.20+

Trench 3	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
301	Dark greyish brown clayey silt	Topsoil	0.00-0.12
302	Mid brown silty clay with occasional pebbles	Alluvium	0.12-0.26
303	Mid brown silty clay with occasional manganese	Alluvium	0.26-0.85
304	Mid brown silty clay with manganese staining	Alluvium	0.85-1.20+

Trench 4	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
401	Dark greyish brown clayey silt	Topsoil	0.00-0.15
402	Light brown silty clay with occasional small pebbles	Sub soil	0.15-0.23
403	Mid brown silty clay with occasional manganese	Alluvium	0.23-0.34
404	Mid brown silty clay with manganese staining	Alluvium	0.34-0.92
405	Dark brown silty clay with abundant manganese staining	Alluvium	0.92-1.20+

Trench 5	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
501	Dark greyish brown clayey silt	Topsoil	0.00-0.20
502	Dark yellow brown silty clay with moderate small sub angular pebbles	Sub soil	0.20-0.41
503	Mid bluish grey silty clay	Alluvium	0.41-0.47
504	Light greyish brown silty clay with very rare pebble inclusions	Alluvium	0.47-0.87
505	Dark greyish brown silty clay with striations of manganese	Alluvium	0.87-0.98
506	Light yellow brown silty clay with moderate manganese inclusions	Alluvium	0.98-1.20+

Trench 6	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
601	Dark greyish brown clayey silt	Topsoil	0.00-0.14
602	Mid greyish brown silty clay	Sub soil	0.14-0.29
603	Mid yellowish brown silty clay with occasional manganese	Alluvium	0.29-0.77
604	Mid whitish silty clay with manganese staining	Alluvium	0.77-1.02
605	Mid reddish brown silty clay with abundant manganese staining	Alluvium	1.02-1.20+

Trench 7	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
701	Dark greyish brown clayey silt	Topsoil	0.00-0.22
702	Mid greyish brown silty clay	Sub soil	0.22-0.45
703	Mid yellowish brown silty clay with occasional manganese	Alluvium	0.45-0.55
704	Mid bluish grey silty clay with manganese staining	Alluvium	0.55-0.61
705	Light greyish brown silty clay with abundant manganese staining	Alluvium	0.61-0.94+
706	Mid whitish silty clay with manganese staining	Alluvium	0.94-1.20+

Trench 8	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
801	Mid greyish brown clayey silt	Topsoil	0.00-0.28
802	Mid orange brown silty clay	Sub soil	0.28-0.46
803	Mid brown grey silty clay	Alluvium	0.46-0.59
804	Light brown yellow silty clay with some rooting	Alluvium	0.59-0.88
805	Light brown yellow silty clay with frequent manganese inclusions	Alluvium	0.88-1.20
806	Light orange yellow silty clay with patches of manganese	Alluvium	1.20+

Trench 9	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
901	Mid greyish brown clayey silt	Topsoil	0.00-0.19
902	Mid whitish grey silty clay large rare stones	Sub soil	0.19-0.50
903	Light whitish grey silty clay	Alluvium	0.50-0.66
904	Mid whitish brown silty clay with some common charcoal flecks	Alluvium	0.66-0.85
905	Mid orange brown silty clay with sparse charcoal flecking	Alluvium	0.85-0.99
906	Mid reddish brown sandy clay with common manganese	Alluvium	0.99-1.20+

Trench 10	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1001	Dark greyish brown greyish brown clayey silt	Topsoil	0.00-0.11
1002	Mid brownish grey silty clay small rounded stone inclusions	Sub soil	0.11-0.24
1003	Mid yellow brown silty clay	Alluvium	0.24-0.44
1004	Mid reddish brown sandy clay common gravel inclusions	Alluvium	0.44-0.78
1005	Dar reddish brown sandy clay rare small rounded stones	Alluvium	0.78-0.91
1006	Dark reddish brown silty clay with common manganese	Alluvium	0.91-1.20+

Trench 11	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1101	Dark greyish brown clayey silt	Topsoil	0.00-0.26
1102	Light grey brown silty clay	Sub soil	0.26-0.46
1103	Light yellow brown silty clay	Alluvium	0.46-0.73
1104	Light yellow brown with manganese inclusions	Alluvium	0.73-1.08
1105	Light yellow brown abundant manganese inclusions	Alluvium	1.08+
1106	Slightly lighter alluvial deposit	Alluvium	0.99-1.20+
1107	Cut of modern service trench	Cut	1.20+
1108	Demolition rubble	Fill of service trench	1.20+

Trench 12	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1201	Dark greyish brown clayey silt	Topsoil	0.00-0.8
1202	Mid orange grey silty clay with CBM fragments and modern debris	Made ground	0.18-.31
1203	Mid greyish brown silty clay loam	Made ground	0.31-0.42
1204	Light whitish grey silty clay	Alluvium	0.42-0.58
1205	Light brown grey silty clay	Alluvium	0.58-0.84
1206	Mid whitish orange clay	Alluvium	0.84-1.02
12.7	Mid reddish brown sandy clay	Alluvium	1.02-1.20+

Trench 13	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1301	Dark greyish brown clayey silt	Topsoil	0.00-0.10
1302	Mid greyish brown silty clay rare rounded pebbles	Sub soil	0.10-0.24
1303	Dark reddish brown gravel rich silty clay	Alluvium	0.24-.029
1304	Mid grey whitish silty clay	Alluvium	0.29-0.39
1305	Mid brownish white silty clay	Alluvium	0.39-0.69
1306	Mid reddish white silty clay common charcoal flecking	Alluvium	0.69-1.12
1307	Mid reddish brown sandy clay with manganese inclusions		1.12-1.20+

Trench 14	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1401	Mid greyish brown clayey silt	Topsoil	0.00-0.22
1402	Mid orange brown silty clay	Sub soil	0.22-0.40
1403	Light yellow brown silty clay frequent manganese inclusions	Alluvium	0.40-1.04
1404	Light yellow brown silty clay with common manganese	Alluvium	1.04-1.20+

Trench 15	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1501	Mid greyish brown clayey silt	Topsoil	0.00-0.21
1502	Mid orange brown silty clay	Sub soil	0.21-0.41
1503	Light yellow brown silty clay with manganese	Alluvium	0.41-1.03
1504	Rubble, brick glass CBM –made ground in northern end of trench only	Made ground	1.03+
1505	Light yellow brown silty clay common manganese	Alluvium	1.03-1.20+

Trench 16	**Dimensions:** 20m x 2m / Max. depth 1.20m		
Context	**Description**	**Interpretation/Process of deposition**	**Depth (m)**
1601	Dark greyish brown silty clay	Topsoil	0.00-0.23
1602	Mid orange brown silty clay	Sub soil	0.23-0.45
1603	Light yellow brown silty clay with occasional manganese	Alluvium	0.45-1.04
1604	Light yellow brown silty clay with abundant manganese	Alluvium	1.04-1.20+

Plate 1: Trench 2 view from south-west

559400 559500 559600 559700

Town Lock Mews
El Sub Sta
Works
Works
Mill Stream
Area heavily wooded and overgrown
mature trees in this area
Area heavily wooded and overgrown
El Sub Sta
22.4m
Cannon Bridge
VALE ROAD
TR15
TR16
TR14
TR11
TR12
TR10
TR13
TR6
TR9
TR1
TR3
TR2
TR7
TR5
TR7
TR4
146500
MB
1 to 20
Mill Stream
SI
FB
Weir
Sluice
River Medway
Towing Path
BM 22.90m
Path
146400
BoI
21.9m
21.1m

Plate 2: Sondage in Trench 2 view from west

Plate 3: Trench 8 view from south-east

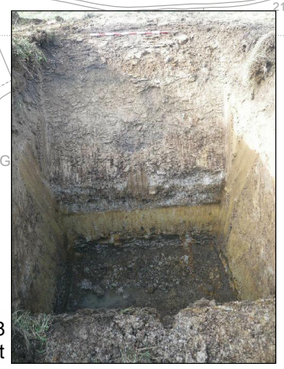

Plate 4: Sondage in Trench 8 view from south-east

Plate 5: Trench 14 view from north-east

Plate 6: Sondage in Trench 14 view from north-east

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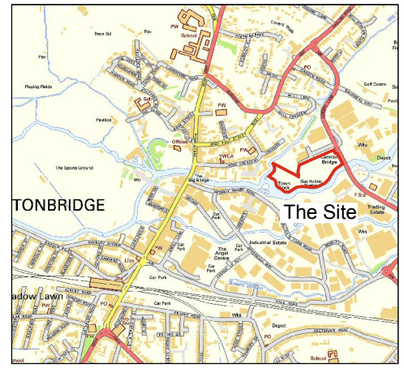

The Site

Evaluation trench

Sondage

Modern disturbance

Revision Number:	0
Illustrator:	LJC
Date:	24/02/11
Scale:	1:1250 @ A3
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Site and trench location plan

Figure 1

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