

PLRR18



**Part Lane, Riseley, Reading**

**Archaeological Watching Brief**

*Prepared on behalf of Eight20*

## PROJECT SUMMARY SHEET

*Client:* EightzO

*National Grid Reference* N. G. R SU722631/SU730635  
*Address* Part Lane, Riseley, Reading  
*Parish:* Swallowfield  
*Council:* Berkshire Couty Council  
*OASIS ref.:* 310492  
*Archive will be deposited with:* Reading Museum

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*Fieldwork dates:* 9<sup>th</sup> January 2018- 28<sup>th</sup> March 2018 (intermittent)  
*Report:* June 2018

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## PART LANE, RISELEY

### Archaeological Watching Brief

#### **Summary**

*Between 09<sup>th</sup> January 2018 and 28<sup>th</sup> March 2018 Headland Archaeology (UK) Ltd undertook a watching brief of groundworks associated with the construction of a water pipe along the southern portion of Part Lane, Riseley, Reading, Berkshire. The watching brief was completed to establish the archaeological potential of the site. The groundworks included reception trenches for the directional drilling launch areas, test pits to locate underground services and open-cut trenching for the new water pipe installation in areas where drilling was considered unsuitable.*

*No archaeological features were identified during the watching brief at Part Lane.*

## 1 INTRODUCTION

Headland Archaeology Ltd was commissioned by Eight2O joint venture to undertake an archaeological watching brief of groundworks associated with installation of a new water pipe along the southern portion of Part Lane, Riseley, Reading, Berkshire.

The works did not require planning permission as they constituted permitted development. However, Thames Water (and therefore Eight2O) and its associates, agents and contractors are subject to environmental and archaeological obligations as defined by The Code of Practice on Conservation, Access and Recreation (Environment Act 1995, Water Industry Act 1991).

*The duties of water and sewerage undertakers... involve: the protection and conservation of buildings, site and objects of archaeological, architectural... or historic interest. The maintenance of public freedom of access to places of natural beauty and to buildings, site or objects of archaeological, architectural or historic interest.*

Headland Archaeology prepared a Written Scheme of Investigation (2018) setting out the proposed strategy for an archaeological watching brief to meet the above requirements. This was agreed with Thames Water's Principal Archaeologist, Claire Hallybone. The strategy comprised archaeological monitoring of a) the excavation of reception trenches for the drilling launch areas, b) test pits to locate the underground services and c) open-cut trenching for the new water pipe installation in areas where drilling was considered unsuitable. This report details the results of the work.

## 2 SITE LOCATION AND DESCRIPTION

The project area was located at intervals along Part Lane in the village of Riseley, south of Reading. The main pipe route runs along Part Lane following a broadly south-west to north-east line (SU 722632/SU 731636 respectively) (Illus. 1).

The land the route crosses is relatively flat and is located at c.130mAOD. It is underlain by river terrace deposits over London Clay Formation which was formed during the Lower Eocene Epoch, c.49 to 56 million years ago in the Ypresian Period when the local environment was dominated by shallow seas (British Geological Survey, 2017). A small stream runs almost the length of the project area along the south of Part Lane.

## 3 ARCHAEOLOGICAL BACKGROUND

The local geology suggests the potential for the identification of deposits associated with past riverine environments. Cropmark evidence of Iron Age and Romano-British occupation and a section of a Roman road was identified within 500m of the proposed scheme (Cooke 2017).

There are 11 grade II listed buildings within 500m of the proposed scheme.

## 4 AIMS & OBJECTIVES

### 4.1 General

The methodology followed was outlined in the Written Scheme of Investigation (2018) and designed to meet the requirements of the project brief (Cooke 2017). The archaeological monitoring was designed to record and enhance understanding of the significance of heritage assets before they are lost (NPPF para 141).

The archaeological monitoring was undertaken in order to:

- Recover any palaeo-environmental remains to determine local environmental conditions;
- Determine and understand the nature, function and character of any remains on the site, in their cultural and environmental setting;
- Assess the extent, structure and date of any archaeological features and deposits of archaeological interest;
- Place, where possible, the archaeological features within their local and regional context;
- Place the findings of the investigation within the context of previous work undertaken within the vicinity of the site;
- Establish any constraints to further fieldwork (e.g. services) and factors concerning the survival of archaeological remains (e.g. natural and human disturbance).

### 4.2 Specific

More specifically, the research framework for the local and regional contexts was provided by *Solent and Thames Archaeological Research Framework* (Hey and Hind 2014). This formed the basis for determining the value or significance of remains recovered by the watching brief.

The resulting archive will be organised as instructed by Reading Museum to facilitate access for future research and interpretation for public benefit (CIfA 2014a). An online OASIS form has been completed and will be ultimately submitted with the approved version of the report (OASIS ID: 310492). All archive preparation will be undertaken in accordance with guidelines published by the CIfA (formerly IfA) on behalf of the Archaeological Archives Forum (July 2007).

## 5 METHODOLOGY

The monitoring was carried out in accordance with the WSI (Headland Archaeology 2018) and comprised archaeological observation and recording during the groundworks as specified in the project brief (Cooke 2017) and in consultation with C. Hallybone (pers. comm. 10/01/2018).

### 5.1 Site works

Archaeological monitoring was undertaken between 9<sup>th</sup> January 2018 and 28<sup>th</sup> March 2018. The watching brief was undertaken on a) the excavation of 15 drill reception trenches along the pipe route b) six test pits to locate the various services along the road and c) open cut trenching in areas where the underlying geology was considered unsuitable for drilling.

### 5.2 Recording

All recording was in accordance with the code of conduct and standards and guidance of the Chartered Institute for Archaeologists (CIfA), (CIfA 2014a and 2014b). Contexts were given unique numbers and all recording was undertaken on *pro forma* record cards that conform to accepted archaeological standards. All stratigraphic relationships were recorded.

An overall site plan at an appropriate scale and relative to the National Grid was compiled. The site plan was accurately tied in to the National Grid and a scale version is shown in Illus. 1.

A digital photographic record, supplemented by black and white prints where appropriate, was taken and a metric scale was clearly visible in record photographs.

## 6 RESULTS

### 6.1 Discussion

The following narrative is designed to interpret the technical detail and attempt to categorise its significance. Context numbers for deposits are expressed in parenthesis, i.e. (001), cuts of features are expressed in brackets, i.e. [003].

Selected technical detail is utilised below in order to describe the remains found and to inform the interpretation and dating we have completed and presented in this report. This structure reflects our adherence to the CIfA guidance on report production, which states that “descriptive material should be clearly separated from interpretative statements” (CIfA 2014b, 14, Section 5). Drawing upon the same document, we feel it is imperative to create a narrative which uses the evidence we gather to assign significance to heritage assets (remains) we encounter:

Monitoring of groundworks for the site unearthed no archaeological features. Numerous modern services were identified.

There were three different phases of groundworks: reception trenches, test pits and open-cut trenches. Full details of which can be found in Appendix 1.

### 6.2 Reception Trenches

Fifteen drill reception trenches were constructed to facilitate the directional drilling of the pipeline. These were irregularly spaced along the extent of Part Lane (Illus. 1; Illus. 2). The overburden layer was consistent across the trenches and comprised tarmac and an underlying layer of gravel which was 0.10m-0.25m thick extending up to 0.25m below present ground level (bpgl). This overlay various natural deposits of gravels and clays which were found from 0.10m to 1.20m bpgl (see Appendix 1). Modern services were identified in Trenches (Tr) 01, 03, 12 and 13. The reception trenches varied in size and measured between 0.70m-2.90m in length, 0.5m-1.50m in width and 1.05m-1.30m in depth (Appendix 1).

No remains of archaeological potential were identified in the reception trenches.

### 6.3 Test Pits

Six test pits were excavated at irregular intervals along the extent of Part Lane (Illus. 1; Illus. 3). They were opened to locate and therefore avoid any underground services. These were similar in form to the reception trenches but smaller in size. Tarmac and an underlying layer of gravel was found between 0.10m-0.25m bpgl. This overlay a modern backfilled layer and the services themselves were found between 0.25m-0.89m bpgl (see Appendix 1). The services were cut into the natural whitish gravel or a light clay (depending on the pit location) which were located between 0.89m and 0.92m bpgl. The test pits varied in size and measured between 1.30m-3.30m in length, 0.61m-1.30m in width and 0.70m-0.92m in depth (Illus. 3) (see Appendix 1).

No remains of archaeological potential were identified in the test pits.

### 6.4 Open cut trenches

The open cut trenches were excavated in sections where the underlying geology between two reception trenches was considered unsuitable to be drilled. Five open cut trenches were excavated (Illus. 1; Illus. 4; Illus. 5). They were placed between reception trenches Tr01 and Tr02: Tr01A, Tr06 and Tr07: Tr06A, Tp3 and Tr09:Tr08a, Tr13 and Tr14: Tr13A and Tr14 and Tr21: Tr14A. The open cut trenches were 0.50m in average width and between 1.00m-1.20m in depth. They measured 96m, 24m, 53m, 100m, and 41m in length respectively (see Appendix 1). Five modern services (water mains) were found in the open cut trenches between Tr13 and Tr14 and Tr14 to Tr21 (Illus. 4 and 5).

The topsoil was only present when the edge of the road was close enough to the grass verges along the northwestern edges of some sections of the open cut trenches. For the most part the uppermost layer in each trench was the tarmac and underlying gravel which was identified between 0.25m-0.3m of each trench. This overlay the natural clays and gravels at 0.25m-0.3m bpgl in sections where no modern services were uncovered (see Appendix 1). Modern services were found between 0.25m and 0.85m bpgl at various sections of the open cut trenches (see Appendix 1).

No remains of archaeological potential were identified in the open cut trenches.

## 6.5 Finds Reports

No archaeological artefacts were recovered from the archaeological watching brief at Part Lane.

## 6.6 Environmental Reports

As no archaeological features or materials were identified, no samples were taken at the site.

## 7 CONCLUSIONS

No archaeological remains were found during the investigations.

The results from the watching brief therefore do not contribute to any of the research aims outlined in Section 4.

No further groundworks are required as part of the development.

## 8 REFERENCES

### 8.1 Bibliographic resources

Archaeological Archives Forum *Archaeological Archives: a guide to best practice in creation, compilation, transfer and curation* (published by the IfA 2007).

British Geological Survey website. [Geological map of Britain.] (2017) <http://mapapps.bgs.ac.uk/geologyofbritain/home.html> (accessed 05.01.2018)

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National Planning Policy Framework 2018. *Chapter 12: Conserving and enhancing the historic environment*. Paragraphs 126-141. <https://www.gov.uk/guidance/national-planning-policy-framework/12-conserving-and-enhancing-the-historic-environment>. Accessed: 25/04/18

Government Legislation website. Environmental Act 1995. Chapter 7, Subsection 2b. Accessed 17/04/18 <http://www.legislation.gov.uk/ukpga/1995/25>

## 9 APPENDICES

## 9.1 Appendix 1 – Trench Tables

*Reception Trench Tables*

TR01			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.66m	1.2m	1m	1.2m
Context	Description	*D BPGL (m)	
0101	Overburden: tarmac and associated gravel road underlay.	0.25m	
0102	Natural: Light whitish yellow to mid reddish yellow mottled brown silty sandy silt alternating with lenses of sandy gravel, yellow sand and light brown grey clay.	0.25m-1.2m+	
0103	Fill of modern water main: dark grey brown clay sandy silt with stones and old tarmac fragments.	0.25m-1.00m	
0104	Cut of modern service trench: deep linear trench cut into the natural to accommodate a modern water main pipe.	1.00m	
Summary			
The reception trench TR01 only exposed a modern water main to which the new water pipe is to be connected. No archaeology was observed in trench TR01.			

TR02			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.6m	1.3m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0201	Overburden: tarmac and associated gravel road underlay.	0.25m	
0202	Natural: Light greyish yellow sand and river gravels with scattered lenses of dark yellow sand.	0.25m-1.2m+	
Summary			



Reception Trench TR02. No archaeology was observed during the excavation of TR02.

TR03			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.3m	1.3m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0301	Overburden: tarmac and associated gravel road underlay.	0.25m	
0302	Made ground: redeposited gravels for local housing and services construction.	0.25m-0.40m	
0303	Natural: light yellow grey mottled brown clay.	0.40m-1.2m+	
Summary			
Reception Trench TR03. No archaeology was identified in TR03.			

TR04			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.6m	1.4m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0401	Overburden: tarmac and associated gravel road underlay.	0.25m	
0402	Natural: light whitish yellow gravels and coarse sand over mid grey yellow clay mottled with manganese flecking and darker patches of mid brown clay.	0.25m-1.2m+	
Summary			
Reception Trench TR04. No archaeology was found in TR04.			

TR05			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.3m	1.3m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0501	Overburden: tarmac and associated gravel road underlay.	0.25m	
0502	Natural: Light brown grey sandy clay with lenses of medium yellow red brown clay with patches of iron pan inclusions and gravel and sand.	0.25m-1.2m+	
Summary			
Reception Trench TR05. No archaeology was identified in TR05.			

TR06			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.7m	0.9m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0601	Overburden: tarmac and associated gravel road underlay.	0.25m	
0602	Natural: medium to dark yellow orangish brown with light grey patches sandy clay, including occasional to moderate medium rounded pebbles.	0.25m-1.2m+	
Summary			
Reception Trench TR06. No archaeology was exposed in TR06.			

TR07			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.9m	1.1m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0701	Overburden: tarmac and associated gravel road underlay.	0.25m	
0702	Natural: dark to medium yellow orangish brown with light grey patches sandy clay, including occasional to moderate rounded pebbles.	0.25m-1.2m+	

Summary
Reception Trench TR07. No archaeology was identified in TR07.

TR08			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.6m	1m	1.2m	1.2m
Context	Description		*D BPGL (m)
0801	Overburden: tarmac and associated gravel road underlay.		0.25m
0802	Made ground: dark brown grey sandy clayey silt with frequent fragments of bricks and plastic mixed with the road gravel underlay.		0.25m-0.51m
0803	Natural: dark greyish yellow with brown patches clayey sand flecked with iron panning over river gravels.		0.51m-1.2m+
Summary			
Reception Trench TR08. No archaeology was identified in TR08.			

TR09			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.8m	1.15m	1.2m	1.2m
Context	Description		*D BPGL (m)
0901	Overburden: tarmac and associated gravel road underlay.		0.25m
0902	Natural: Light whitish brown sands and gravels gradually get darker as deposit deepens over dark grey coarse sand and gravels.		0.25m-1.2m+
Summary			
Reception Trench TR09. No archaeology was found in TR09.			

TR10			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.9m	1.2m	1.2m	1.2m
Context	Description	*D BPGL (m)	
1001	Overburden: tarmac and associated gravel road underlay.	0.25m	
1002	Natural: medium orangish grey clay mottled brown with occasional scattered rounded pebbles.	0.25m-1.2m+	
Summary			
Reception Trench TR10. No archaeology was found in TR10.			

TR11			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.4m	1.15m	1.2m	1.2m
Context	Description	*D BPGL (m)	
1101	Overburden: tarmac and associated gravel road underlay.	0.25m	
1102	1st road surface and associated gravels.	0.25m-0.50m	
1103	Natural: dark grey gravels over light yellow grey mottled brown with very occasional scattered rounded small pebbles.	0.50m-1.2m+	
Summary			
Reception Trench TR11. No archaeology was uncovered in TR11.			

TR12			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.7m	1.5m	1m	1.2m
Context	Description	*D BPGL (m)	
1201	Overburden: Tarmac and associated gravels	0.15m	
1202	Light orange sandy gravel	0.15m-0.40m	
1203	Mid grey gravels and moderately sized flint	0.40m-0.60m	
1204	Mid grey/orange clay	0.60m-1.00m+	
1205	Light pink gravel fill of modern cut of water main	0.15m-0.85m+	
1206	Modern cut of water main	0.85m+	

Summary
Reception Trench TR12. Contained modern cut of water main only present in NW facing section. No archaeology was uncovered in TR12.

TR13			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.90m	1.20m	1.10m	1.30m
Context	Description	*D BPGL (m)	
1301	Overburden: Tarmac and associated gravels	0.25m	
1302	Mid grey sandy gravel	0.25m-0.35m	
1303	Blue grey clay	0.35m-0.90m	
1304	Light grey sandy gravel	0.90m-1.25m	
1305	Brown/ orange clay	0.70m-1.25m+	
1306	Light pink gravel fill of modern cut of water main	0.25m-0.85m+	
1307	Modern cut of water main	0.85m+	
Summary			
Reception Trench TR13. Contained modern cut of water main only present in NW facing section. No archaeology was uncovered in TR13.			

TR14			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.60m	1.10m	1.00m	1.20m
Context	Description	*D BPGL (m)	
1401	Overburden: Tarmac and associated gravels	0.30m	
1402	Light grey sandy gravel	0.30m-0.85m	
1403	Orange grey clay	0.85m-1.20m+	
Summary			
Reception Trench TR14. No archaeology was uncovered in TR14.			

TR21			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.7m	2.4m	1.00m	1.05m
Context	Description	*D BPGL (m)	
2101	Grass turf: Dark clay silt, moderate rooting and occasional small gravels	0.14m	
2102	Tarmac and associated gravel road underlay	0.14m-0.34m	
2103	Mid grey silty gravels	0.34m-0.56m	
2104	Light reddish gravels	0.56m-0.84m	
2105	Mid yellow, light grey clay	0.84m-1.05m	
Summary			
Reception Trench 21. No archaeology was exposed during the excavation of TR21.			

### Test Pit Tables

TP015			
L (m)	W (m)	Min. D (m)	Max. D (m)
1.3m	0.8m	0.48m	0.71m
Context	Description	*D BPGL (m)	
1501	Overburden: tarmac and associated gravel road underlay.	0.25m	
1502	Fill of modern service trench: dark yellow sand and gravels.	0.25m-0.72m	
1503	Cut of modern service trench	0.71m	
1504	Natural: light whitish yellow grave and sand with iron pan flecking over light to medium yellow clay with light reddish-brown patches with frequent small rounded pebbles.	0.71m+	
Summary			
Trial Pit TP15. No archaeology was exposed during the excavation of TP15.			

TP016			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.62m	0.83m	0.89m	0.89m
Context	Description	*D BPGL (m)	
1601	Overburden: tarmac and associated gravel road underlay.	0.25m	
1602	Fill of modern service trench: concrete protective capping over dark yellow sand.	0.25m-0.72m	
1603	Cut of modern service trench.	0.72m	
1604	Natural: dark brownish yellow with light grey patches clayey sand.	0.72-0.89m+	
Summary			
Trial Pit TP16. No archaeology was exposed during the excavation of TP16.			

TP017			
L (m)	W (m)	Min. D (m)	Max. D (m)
3.2m	0.81m	0.7m	0.7m
Context	Description	*D BPGL (m)	
1701	Overburden: tarmac and associated gravel road underlay.	0.25m	
1702	Fill of modern service trench: dark brown grey sandy clayey silt including pebbles and rubble fragments.	0.25m-0.70m	
1703	Cut of modern service trench.	0.70m	
1704	Natural: Light whitish brown coarse sand and gravel.	0.70m+	
Summary			
Trial Pit TP17. No archaeology was exposed during the excavation of TP17.			

TP018			
L (m)	W (m)	Min. D (m)	Max. D (m)
1.65m	1.3m	0.85m	0.85m
Context	Description	*D BPGL (m)	
1801	Overburden: tarmac and associated gravel road underlay.	0.25m	
1802	Fill of modern service trench: dark brown grey sandy clayey silt including pebbles and rubble fragments.	0.25m-0.70m	
1803	Cut of modern service trench.	0.70m	
1804	Natural: Light whitish brown coarse sand and gravel.	0.70m-0.85m+	
Summary			
Trial Pit TP18. No archaeology was exposed during the excavation of TP18.			

TP019			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.8m	0.61m	0.87m	0.92m
Context	Description	*D BPGL (m)	
1901	Overburden: tarmac and associated gravel road underlay.	0.25m	
1902	Dark greenish clay and pebble inclusions	0.25m-0.70m	
1903	Light orangish yellow mottled brown sandy clay natural	0.70m-0.92m+	
Summary			
Trial Pit TP19. No archaeology was exposed during the excavation of TP19.			



TP020			
L (m)	W (m)	Min. D (m)	Max. D (m)
2.20m	0.68m	0.65m	0.7m
Context	Description	*D BPGL (m)	
2001	Overburden: tarmac and associated gravel road underlay.	0.25m	
2002	Fill of modern service trench: dark brown grey silty clay	0.25m-0.57m	
2004	Cut of service trench	0.57m	
2003	Mid/light greyish yellow mottled brown clay	0.57m-0.70m+	
Summary			
Trial Pit TP20. No archaeology was exposed during the excavation of TP20.			

### Open Cut trench Tables

TR01A			
L (m)	W (m)	Min. D (m)	Max. D (m)
96m	0.5m	1m	1.2m
Context	Description	*D BPGL (m)	
0101	Overburden: tarmac and associated gravel road underlay.	0.25m	
0102	Natural: Light whitish yellow to mid reddish yellow mottled brown silty sandy silt alternating with lenses of sandy gravel, yellow sand and light brown grey clay.	0.25m-1.2m+	
0103	Fill of modern electrical service trench: dark grey brown clay sandy silt with stones and old tarmac fragments.	0.25m-0.60m	
0105	Cut of modern electrical service trench	0.60m	
0104	Fill of electrical service trench: light to medium brown yellow grey clay sandy silt with occasional pebbles.	0.25m-0.60m	
0106	Cut of modern electrical service trench	0.60m	
Summary			
Long open trench TR01A connecting reception trench TR01 and TR02. Only two modern services pipes were exposed. No archaeology was exposed in TR01A.			

TR06A			
L (m)	W (m)	Min. D (m)	Max. D (m)
24m	0.5m	1.2m	1.2m
Context	Description	*D BPGL (m)	
0601	Overburden: tarmac and associated gravel road underlay.	0.25m	
0602	Natural: medium to dark yellow orangish brown with light grey patches sandy clay, including occasional to moderate medium rounded pebbles.	0.25m-1.2m+	
Summary			
Open trench connecting TR06 and TR07. No archaeology was exposed.			

TR08A			
L (m)	W (m)	Min. D (m)	Max. D (m)
53m	0.5m	1.00m	1.1m
Context	Description	*D BPGL (m)	
0801	Overburden: tarmac and associated gravel road underlay.	0.25m	
0802	Made ground: dark brown grey sandy clayey silt with frequent fragments of bricks and plastic mixed with the road gravel underlay.	0.25m-0.51m	
0803	Natural: dark greyish yellow with brown patches clayey sand flecked with iron panning over river gravels.	0.51m-1.2m+	
Summary			
Open trench connecting TR08 and TR09. No archaeology was identified.			

TR013A			
L (m)	W (m)	Min. D (m)	Max. D (m)
100.00m	0.52m	0.98m	1.00m
Context	Description	*D BPGL (m)	
1301	Overburden: Tarmac and associated gravels	0.25m	
1302	Natural: Mid-grey sandy gravel	0.25m-0.35m	
1303	Natural: Blue grey clay	0.35m-0.90m+	

1304	Natural: Light grey sandy gravel	0.90m- 1.30m+
1308	Light grey sandy gravel fill of [1309]	0.25m-0.85m
1309	Cut of modern water main	0.85m
1310	Pink sandy gravel fill of [1311]	0.25m-0.93m
1311	Cut of modern water main	0.93m
<b>Summary</b>		
Long open trench connecting TR12 and TR14. No archaeology was uncovered.		

<b>TR14A</b>			
<b>L (m)</b>	<b>W (m)</b>	<b>Min. D (m)</b>	<b>Max. D (m)</b>
41m	0.52m	1.00m	1.20m+
<b>Context</b>	<b>Description</b>	<b>*D BPGL (m)</b>	
1401	Overburden: Tarmac and associated gravels	0.30m	
1402	Natural: Light grey sandy gravel	0.30m-0.85m	
1403	Natural: Orange grey clay	0.85m- 1.20m+	
1404	Light orange sandy fill of [1405]	0.30m-0.50m	
1405	Cut of modern water pipe	0.50m	
1406	Mid grey silty gravel fill of [1407]	0.30m-0.60m	
1407	Cut of modern water pipe	0.60m	
<b>Summary</b>			
Long open trench connecting TR14 to TR21. There were two water services exposed. No archaeology was identified.			

## 9.2 Appendix 2 – Photographic registers

Photo No.	Direction facing	Description
1	-	ID shot
2	NE	Part Lane at SW junction -Looking SW
3	W	Part Lane at SW junction -Looking E
4	-	VOID
5	W	Part Lane at SW bend -Looking E
6	E	Part Lane at SW bend -Looking W
7	W	Part Lane general shot -Looking E
8	W	Part Lane general shot -Looking E
9	W	Part Lane general shot -Looking E
10	W	Part Lane general shot -Looking E
11	WSW	Part Lane ENE Segment-Looking ENE
12	ENE	Part Lane ENE Segment-Looking WSW
13	SW	NE end of Part Lane -Looking NE
14	NE	NE end of Part Lane -Looking SW
15	W	Working shot at TR02 -Looking E
16	NNW	TR02 NNW-facing section -Looking SSE
17	NE	TR02 general shot -Looking SW
18	SE	Pre-ex shot of TR03 area-Looking NW
19	NW	Working shot at TR03 -Looking SW
20	NW	TR03 NW-facing section -Looking SE
21	SW	TR03 general shot -Looking NE
22	-	VOID
23	E	Working shot at TR04 -Looking W
24	SE	TR04 SE-facing section -Looking NW
25	NE	TR04 general shot -Looking SW
26	NW	TR05 NW-facing section -Looking SE
27	NE	TR05 general shot -Looking SW
28	SE	TR05 SE-facing section -Looking NW
29	E	TP15 work shot -Looking W
30	NW	TP 15 NW-facing section -Looking SE
31	SE	Pre-ex of TR01 and TR02 on Part Lane -Looking NW
32	WSW	Pre-ex of TR01 and TR02 on Part Lane -Looking ENE
33	E	Working shot TR01/TR02 -Looking W
34	E	Working shot TR01/TR02 -Looking W
35	S	General shot of TR01 -Looking N
36	SW	TR01 representative section SW-facing -Looking NE
37	SE	General shot of TR01 -Looking NW
38	SW	TR01 representative section SW-facing -Looking NE
39	SE	General shot of TR01 -Looking NW
40	NE	TR01 representative section SW-facing -Looking SW
41	SW	Shot of service pipe in TR01 -Looking NE
42	SW	Shot of broken service pipe at base of TR01 -Looking NE

43	SE	General shot of TR01 -Looking NW
44	SW	TR01 representative section SW-facing -Looking NE
45	NE	TR01 representative section NE-facing -Looking SW
46	SW	TR01 representative section SW-facing -Looking NE
47	NE	TR04 general shot of new water pipe -Looking SW
48	NE	Working shot of TR01 -Looking SW
49	SW	TR01 representative section SW facing -Looking NE
50	NNW	Extension of TR02 -Looking SSE
51	-	Small extra trench along TR01
52	-	Small extra trench along TR01
53	SW	TR01 representative section SW facing -Looking NE
54	SE	General shot of TR01 -Looking NW
55	SE	Working shot of TR01 -Looking SW
56	SE	Working shot of TR01 -Looking SW
57	NE	TR01 -Looking SW
58	NW	TR06 representative section NW-facing -Looking SE
59	SE	TR06 general shot -Looking NW
60	SE	TR07 representative section SE-facing -Looking NW
61	SE	TR07 representative section SE-facing -Looking NW
62	SW	TR07 general shot -Looking NE
63	NNW	TR08 -Looking SSE
64	-	VOID
65	SSE	TR08 -Looking NNW
66	NE	Working shot at TR09 -Looking SW
67	NW	TR09 -Looking SE
68	NW	TR10 -Looking SE
69	SW	General shot of TR10 -Looking NE
70	NW	TR11 -Looking SE
71	SW	TR11 working shot -Looking NE
72	SE	TP16 -Looking NW
73	SE	TP16 -Looking NW
74	SE	TP16 -Looking NW
75	WSW	TP17 -Looking ENE
76	WSW	TP17 -Looking ENE
77	NW	TP17 representative section NW-facing -Looking SE
78	NW	TP17 representative section NW-facing -Looking SE
79	NW	TP18 -Looking SE
80	NW	TP18 -Looking SE
81	SW	TP19 -Looking NE
82	SW	TP19 -Looking NE
83	SE	TP19 -Looking NW
84	SE	TP20 -Looking NW
85	SE	TP20 -Looking NW
86	SW	Test shot of working area (adjacent to TP020)
87	NW	Shot of trench connecting TR6 to TR7

88	NW	Shot of trench connecting TR6 to TR7 with extension
89	SE	Shot of trench connecting TR6 to TR7
90	SE	Shot of trench connecting TP7 to TR9
91	SE	Shot of trench connecting TP7 to TR9
92	NW	SE-facing section of TR12
93	SE	SE-facing section of TR12
94	NE	Shot of TR12
95	SE	SE-facing section of TR13
96	NW	SE-facing section of TR13
97	NE	Shot of TR13
98	SE	SE-facing section of TR14
99	NW	SE-facing section of TR14
100	SW	Shot of TR14
101	SE	NW-facing section of TR12
102	NE	Shot of TR12
103	SE	NW-facing section of TR13
104	NW	SE-facing section of TR13
105	NE	Shot of TR13
106	SE	NW-facing section of TR14
107	NW	SE-facing section of TR14
108	SW	Shot of TR14
109	SE	Shot of trench connecting TR14 and TR21
110	SE	Shot of trench connecting TR14 and TR21
111	SE	Shot of trench connecting TR14 and TR21
112	SE	Shot of trench connecting TR14 and TR21
113	SE	Shot of trench connecting TR14 and TR21
114	SE	Shot of trench connecting TR14 and TR21
115	SE	Shot of trench connecting TR14 and TR21
116	SE	Shot of trench connecting TR14 and TR21
117	NE	Working shot of road where TR14A was scheduled to continue
118	SE	Shot of modern brick casing of services
119	SE	Working shot of trench beyond TR14
120	SE	NW-facing shot of connecting TR14 and TR21
121	SE	NW-facing shot of connecting TR14 and TR22
122	SE	Working shot of end of open trench TR14A
123	SE	NW-facing shot of TR21
124	SE	Plan shot of TR21 and NW sec.
125	NE	Working shot of pipe trench from TR14
126	NE	Working shot of pipe trench from TR14- TR13
127	SE	Plan shot of pipe trench from TR14 -TR13
128	SE	Section of pipe trench from TR14 -TR13 NW facing sec
129	SE	Section of pipe trench from TR14 -TR13 NW facing sec
130	NW	SE-facing section of TR 21
131	NE	SW-facing section of TR 22
132	NE	SW-facing section and plan of TR 22

133	NE	Working shot pipe trench from TR14-TR13
134	SW	End of day shot trench from TR14
135	SW	Long shot trench from TR14
136	NE	Trench looking towards TR14
137	SE	NW-facing section of TR13A approx. 10m from TR14
138	SE	NW-facing section of TR13A approx. 20m from TR14
139	SE	NW-facing section of TR13A approx. 30m from TR14
140	SE	NW facing sec. of TR13A approx. 50m from TR14
141	SW	Pipeline placed in trench looking SW towards TR13
142	NE	Pipeline placed in trench looking NE towards TR21
143	NE	Start of day working shot of area adjacent to TR13A
144	NE	Working shot TR13A pre-ex
145	NE	Working shot TR13A pre-ex
146	NE	Working shot TR13A pre-ex and cutting of road
147	SW	Pipeline placed in TR13A
148	W	Working shot of area of TR13A
149	NW	Modern water drain and backfill in TR13A
150	NW	Modern water drain and backfill in TR13A
151	SW	Working shot, TR13A
152	NE	General shot of southern section of TR13A
153	SW	Working shot, TR13A
154	W	Working shot, length of TR13A remaining (AM)
155	NE	Length of TR13A remaining (AM)
156	SW	Working shot, TR13A
157	SE	NW-facing section of TR13A
158	NE	Completion of TR13A
159	E	Completion of TR13A

## 10 ILLUSTRATIONS



# LIST OF ILLUSTRATIONS

**ILLUS 1** SITE LOCATION

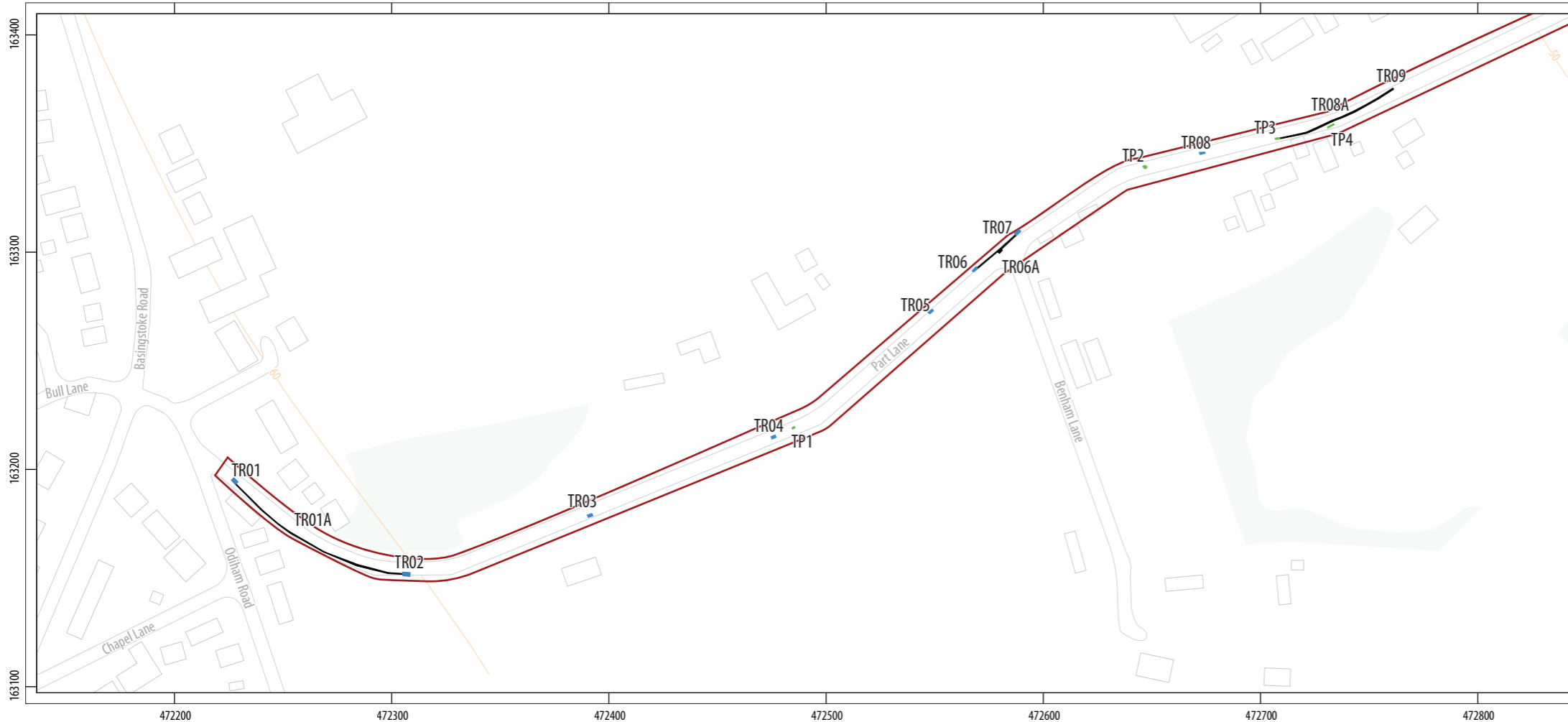
**ILLUS 2** GENERAL SHOT OF RECEPTION TRENCH 5, LOOKING SOUTH-WEST

**ILLUS 3** NORTH-WEST FACING SECTION OF TEST PIT 15

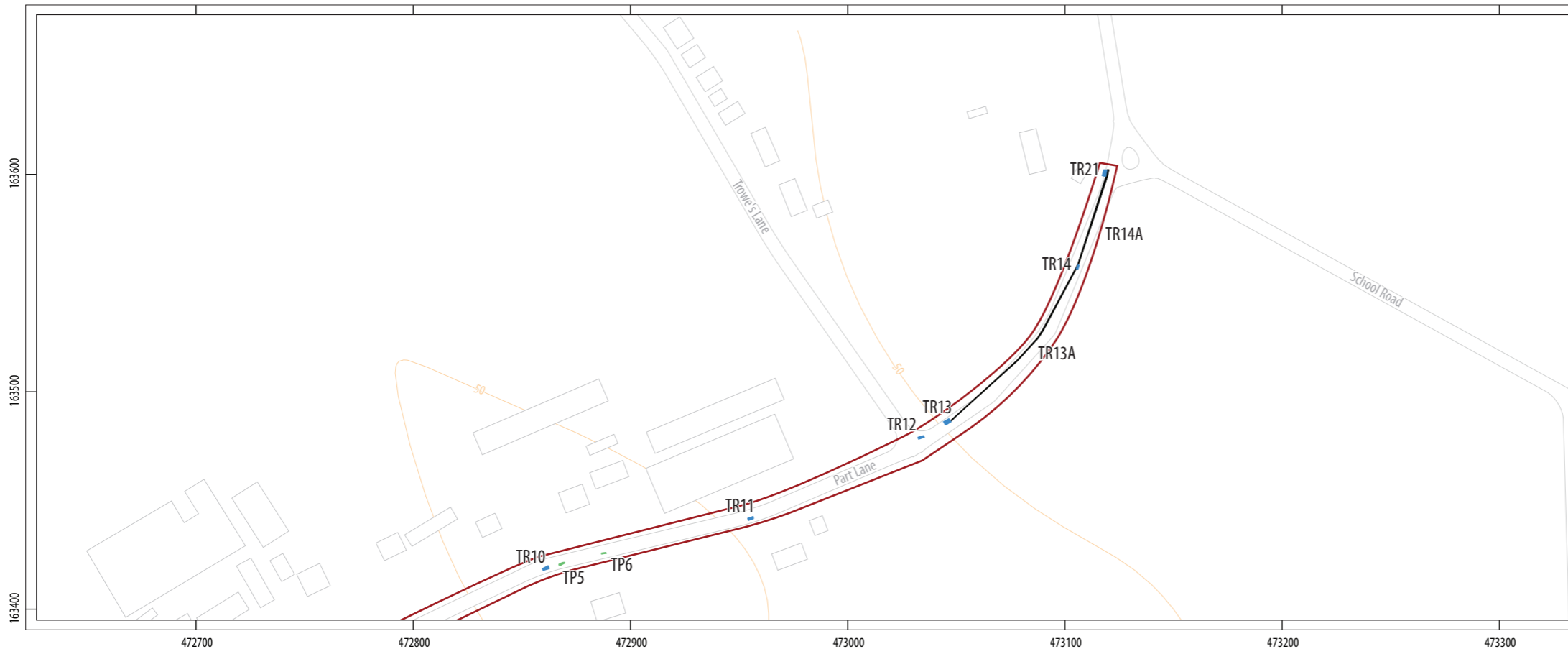
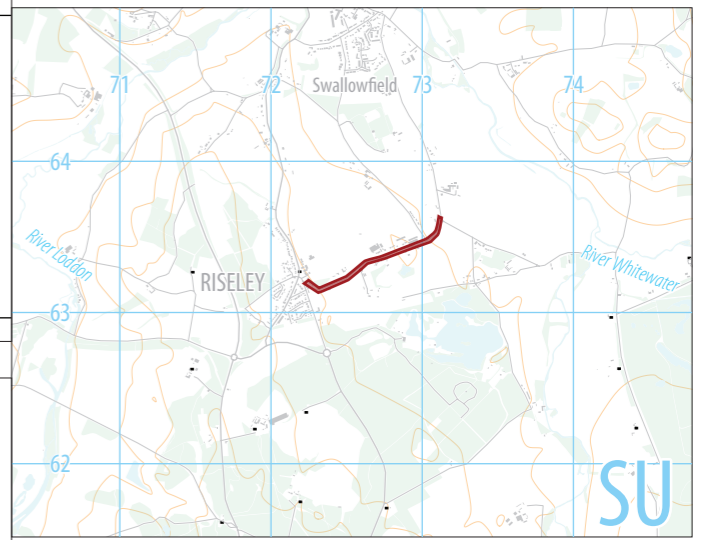
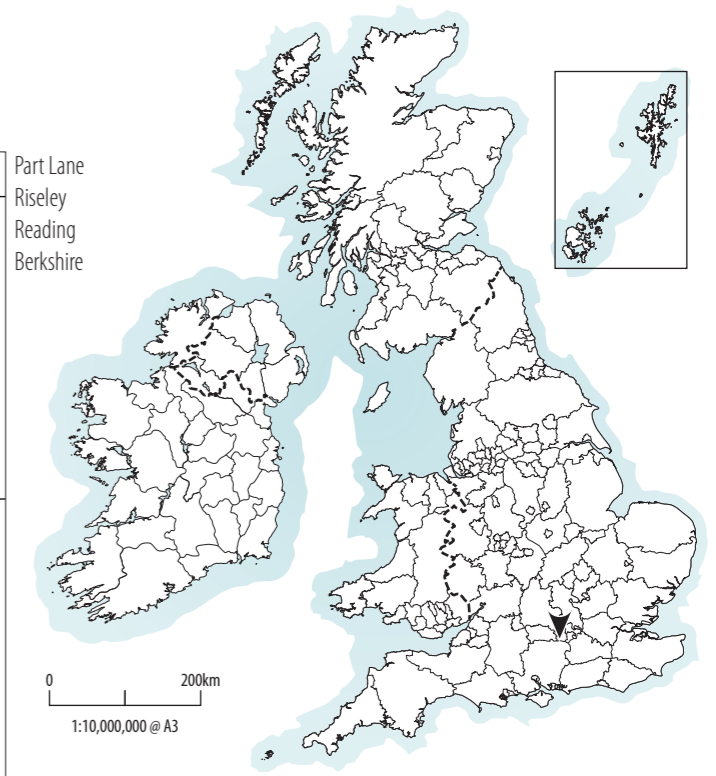
**ILLUS 4** SOUTH-WEST FACING SECTION OF OPEN TRENCH 1A CONNECTING RECEPTION TRENCH 1 AND RECEPTION TRENCH 2

**ILLUS 5** GENERAL SHOT OF SOUTHERN SECTION OF TR13A, LOOKING NORTH-EAST

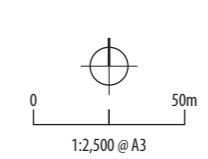




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Riseley  
Reading  
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- ▭ development boundary
- ▭ trench location
- ▭ reception trench location
- ▭ trial pit location





**ILLUS 2** General shot of reception Trench 5, looking south-west  
**ILLUS 3** North-west facing section of Test Pit 15



**ILLUS 4** South-west facing section of Open Trench 1A connecting Reception Trench 1 and Reception Trench 2  
**ILLUS 5** General shot of southern section of TR13A, looking north-east