



**Archaeological trial trenching  
at Wellingborough East  
Wellingborough, Northamptonshire  
September 2007 and July-August 2014**

**ENN107643  
Report number: 14/183**

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Illustrators: Amir Bassir and Carol Simmonds



# Archaeological trial trenching at Wellingborough East Wellingborough, Northamptonshire September 2007 and July-August 2014

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Report No. 14/183

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**OASIS REPORT**

<b>PROJECT DETAILS</b>		Oasis No. molanort1-191398
Project name	Archaeological trial trenching at Wellingborough East, Wellingborough, Northamptonshire September 2007 and July-August 2014	
Short description	An archaeological trial trench evaluation was undertaken on land to the east of Wellingborough, Northamptonshire. The programme of works began in 2005 with a geophysical survey followed by the excavation of twelve trial trenches in 2007. The remaining 33 trenches were excavated between July and August 2014. The works recorded that the landscape was prone to flooding as indicated by the continuous build-up of alluvial deposits across the basin of the River Ise. Archaeological remains relating to the post-medieval agricultural improvement of the River Ise valley and the infrastructure associated with the ironstone industry were also identified.	
Project type	Evaluation (geophysical survey and trial trenching)	
Site status	None	
Previous work	-	
Current Land use	Grassland and arable	
Future work	Not known	
Monument type/ period	Former course of River Ise (pre 20th century), post-medieval field boundaries and ironstone tramway	
Significant finds	None	
<b>PROJECT LOCATION</b>		
County	Northamptonshire	
Site address	Land east of Wellingborough	
Study area	54.5ha	
OS Easting & Northing	SP 90650 68660	
Height OD	41.00m to 44.00m	
<b>PROJECT CREATORS</b>		
Organisation	MOLA Northampton	
Project brief originator	Northamptonshire County Council	
Project design originator	Liz Muldowney, MOLA	
Director/Supervisor	Carol Simmonds, MOLA	
Project Managers	Anthony Maull, MOLA	
Sponsor or funding body	Mike Dawson, CgMs Consulting on behalf of Bovis Homes Ltd	
<b>PROJECT DATE</b>		
Start date	September 2007 and July- August 2014 (fieldwork)	
End date	September 2014 (report)	
<b>ARCHIVES</b>	<b>Location</b>	<b>Content</b>
Physical	WELE07	1 box of pottery, cbm, slag
Paper	WELE14	Site records
Digital	ENN107643	GIS data, pdf of report and site archive
<b>BIBLIOGRAPHY</b>	Journal/monograph, published or forthcoming, or unpublished client report	
Title	Archaeological trial trenching at Wellingborough East, Wellingborough, Northamptonshire September 2007 and July-August 2014	
Serial title & volume	MOLA Northampton Reports 14/183	
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Page numbers	57 pages text and illustrations	
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**Archaeological evaluation  
on land east of Wellingborough  
Northamptonshire  
September 2007 and July- August 2014**

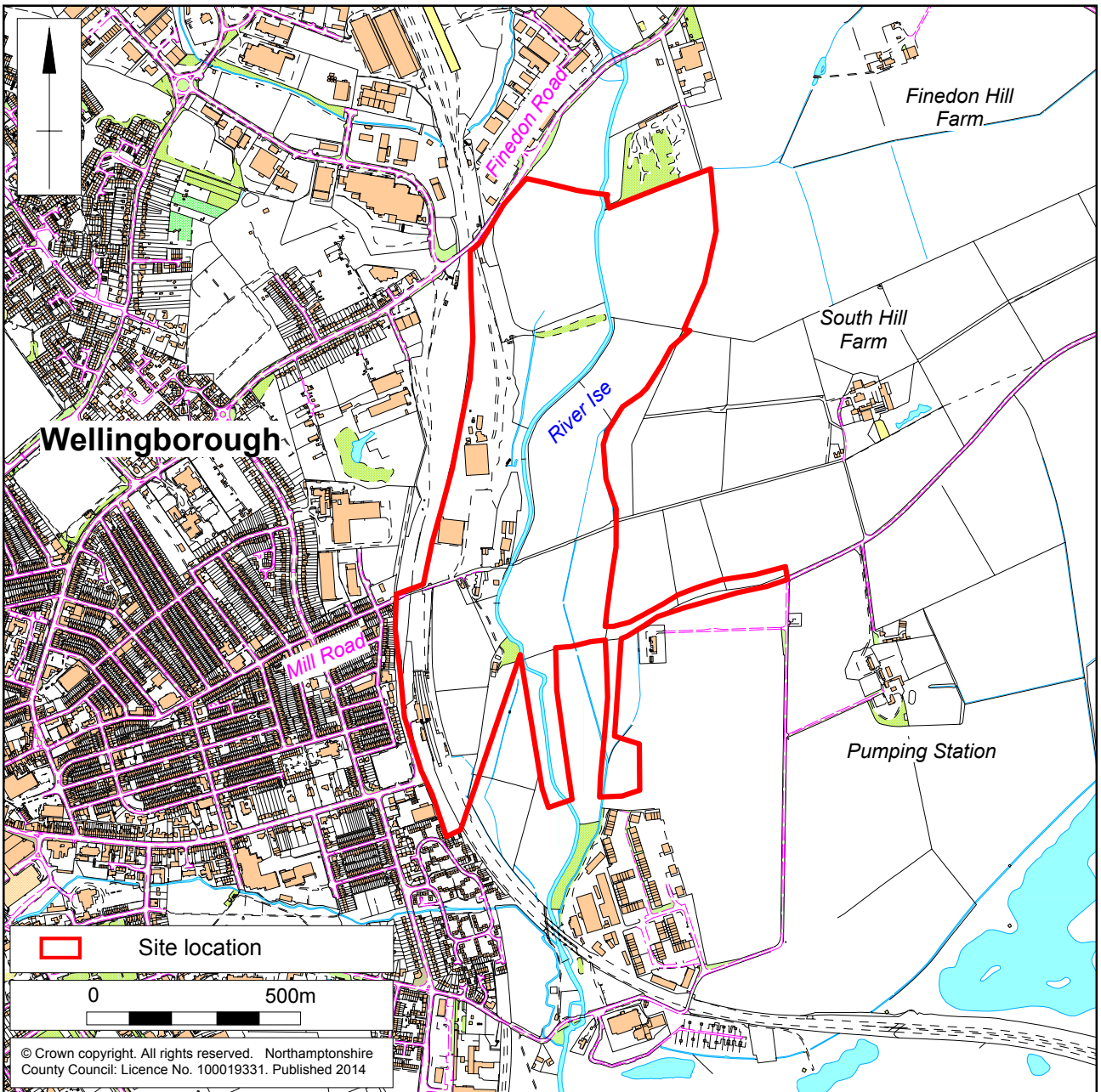
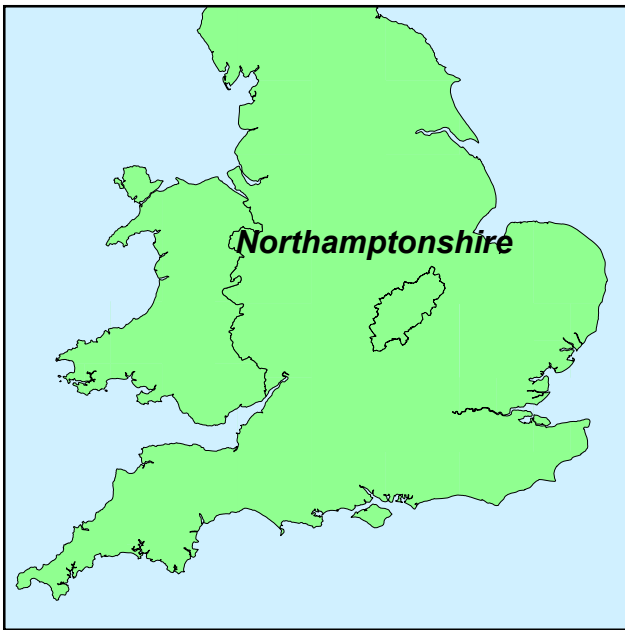
**ABSTRACT**

*An archaeological trial trench evaluation was undertaken on land to the east of Wellingborough, Northamptonshire. The programme of works began in 2005 with a geophysical survey followed by the excavation of twelve trial trenches in 2007. The remaining 33 trenches were excavated between July and August 2014. The works recorded that the landscape was prone to flooding as indicated by the continuous build-up of alluvial deposits across the basin of the River Ise. Archaeological remains relating to the post-medieval agricultural improvement of the River Ise valley and the infrastructure associated with the ironstone industry were also identified.*

**1 INTRODUCTION**

CgMs Consulting commissioned MOLA Northampton to carry out archaeological trial trenching on land east of Wellingborough (NGR SP 90650 68660, Fig 1). A planning application has been submitted for residential development and infrastructure alteration to Wellingborough Borough Council. The project has had a long gestation period with initial works starting in 2005 (geophysical survey, NA2005b) and a phase of trial trenching in 2007 (Simmonds 2007). This report brings together the earlier phases of work with the tranche of trial trenching undertaken by MOLA between July and August 2014.

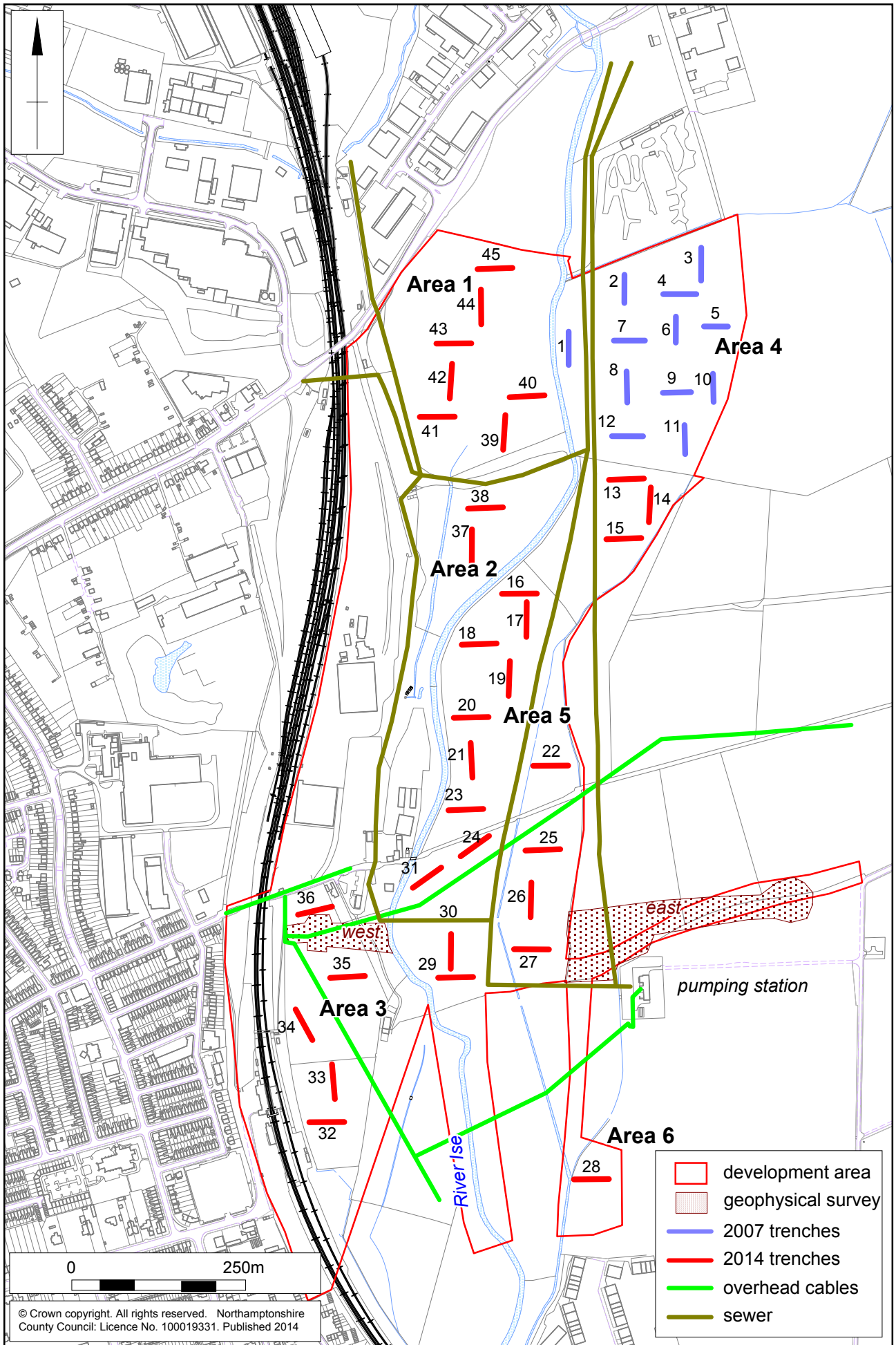
As a condition on planning consent approval there was a requirement for archaeological investigation in accordance with Section 12, paragraph 128 and Appendix 2 of the National Planning Policy Framework (DCLG 2012). The work follows the production of a Written Scheme of Investigation (WSI) for Trenches 1-12 (NA 2005a) and a WSI for Trenches 13-45 (Muldowney 2014). The latter document falls until the aegis of NPPF.



Scale 1:15,000

Site location Fig 1





Scale 1: 7500

The areas and trench location Fig 2

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## 2 BACKGROUND

### 2.1 Location and geology

The site, comprising 54.5ha, is located on the eastern side of Wellingborough on low lying ground flanking the River Ise. It is bounded to the west by the Leicester to London railway, light industrial units at Midland Road to the south and elsewhere by farmland. The River Ise and various drainage channels run north to south through the development area.

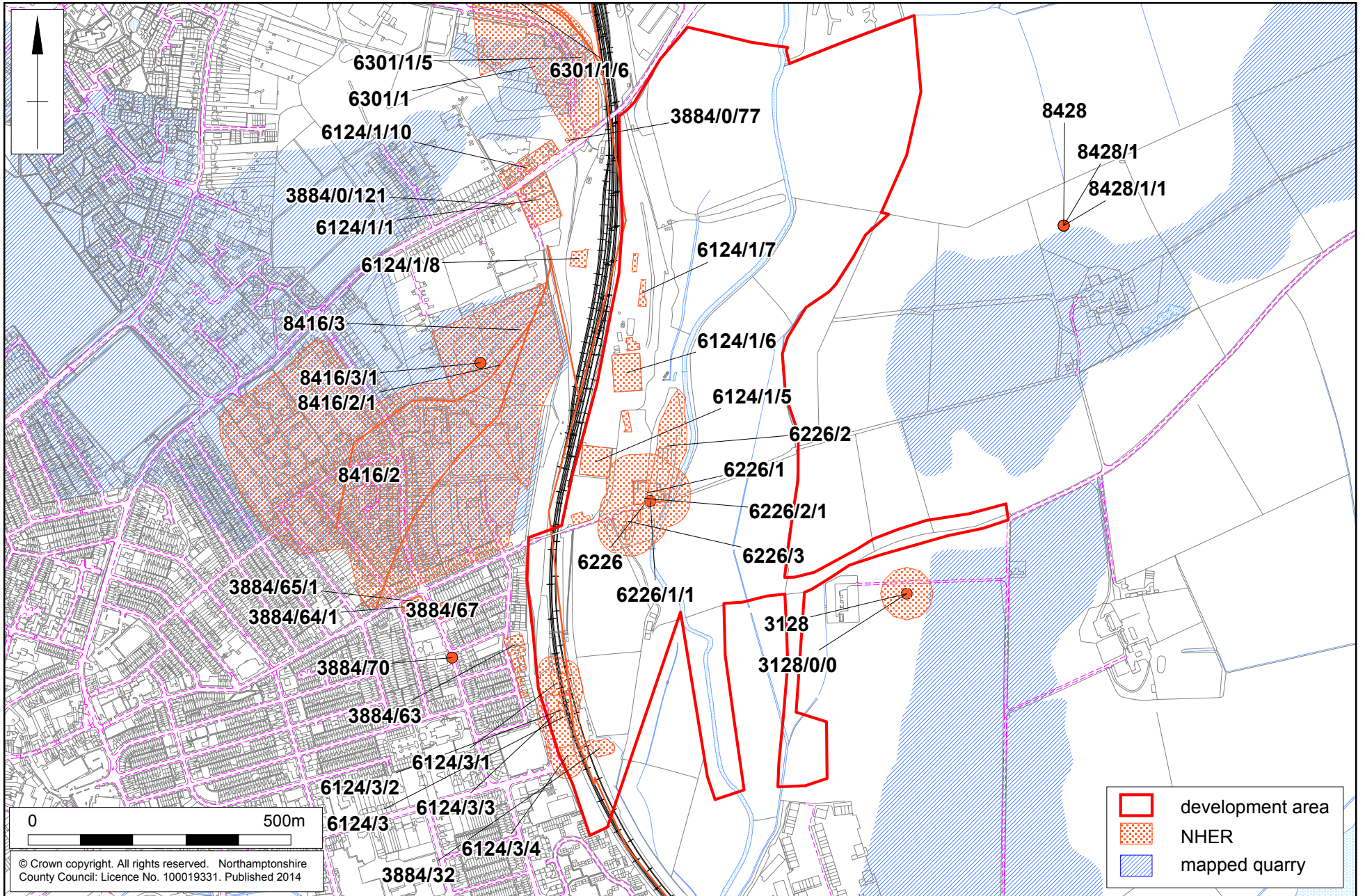


General view of the Ise valley during the 2007 works, looking south-west Fig 3

Presently the site is a mixture of agricultural land and grassland/pasture divided across six land units (Areas 1-6). Areas 1 (trenches 39-45), 2 (trenches 37 and 38) and 3 (trenches 32-36) were located on the western side of the River Ise. On the eastern side were Areas 4 (trenches 1- 12), 5 (trenches 13-27 and 29-31) and 6 (trench 28).

The fields flanking the River are at a height of approximately 41.00m above Ordnance Datum and the ground rises gently up to a height of 44m aOD (trench 28).

The bedrock geology is recorded as Whitby Mudstone Formation - Mudstone, superficial deposits are recorded as Alluvium – clay and silt (BGS GeoIndex).

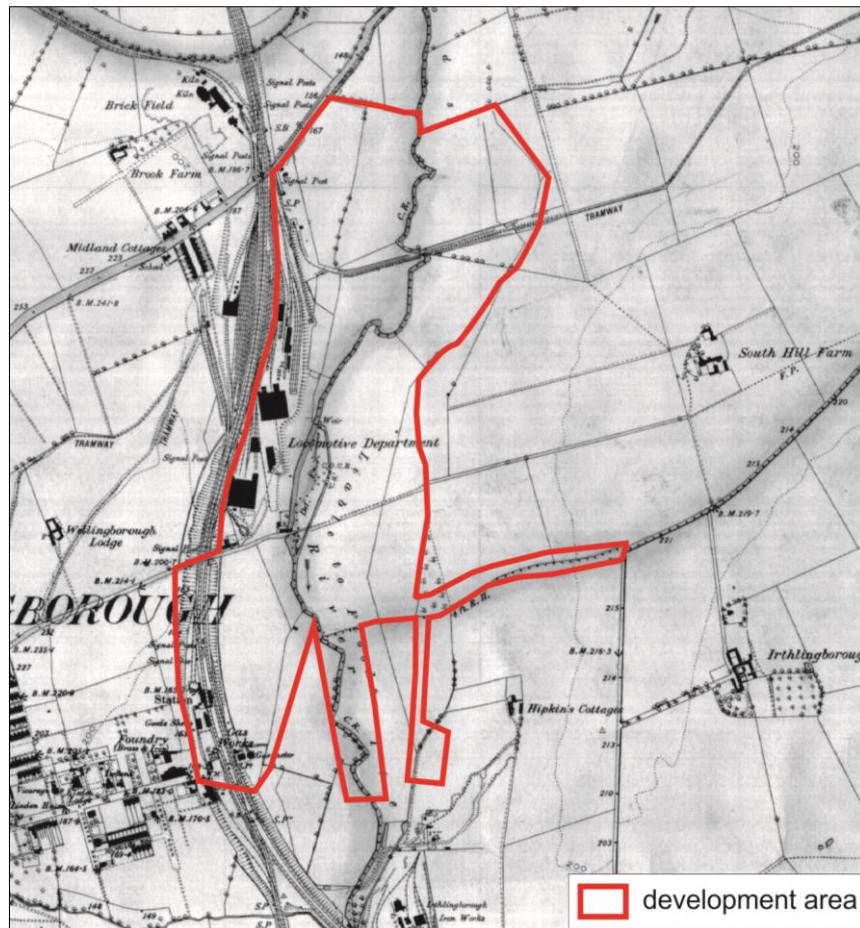


## 2.2 Historical and archaeological background

There is limited evidence for activity within the vicinity of the development area. The overwhelming majority of references within the Historic Environment Record (HER) relate to post-medieval industrial activity (Fig 4). However, there is one reference in the HER to prehistoric flints recovered from the fields to the east of the sewage pumping station (3128/0/0).

The earliest mapping showing detail for the area is the 1st edition Ordnance Survey map (Fig 5). The sequence of historic maps shows the gradual expansion of Wellingborough from the late 19th century. The railway buildings are shown as extensive in the late 19th century and were associated with a goods/shunting yard in use till the middle of the 20th century. In the north-eastern part of the area there was a tramway leading from the main railway line to a quarry to the east. Part of this is still visible as an earthwork bank in Area 4 (Fig 2).

Although the general field layout has changed little there are indications that the late 19th-century fields were smaller units. This is particularly the case in the north-western corner (Area 1) of the development area, where the modern field was divided into two blocks. This field boundary was not visible on the surface during the works.



Excerpt from the first edition (6 inch) Ordnance Survey Fig 5

The course of the River Ise has been altered slightly since the early years of the 20th century and a cut off channel was constructed, presumably to power the mill buildings. The area adjacent to the river, to the south of the Irthlingborough Road, is depicted as marsh land.

Within the development area are a number of buildings associated with the adjacent railway (engine sheds and other buildings) and a number of industrial buildings including mills, leatherworks and a button factory.

Archaeological trial trenching and geophysical survey was carried out by Oxford Archaeology East and Cranfield University in 2011 within the development area on the line of a sewer pipeline. The works identified only some areas of ridge and furrow and features associated with the post-medieval industrial activity in the river valley (Lyons 2011).

### **2.3 Project background**

During 2005 Northamptonshire Archaeology (NA) was commissioned to undertake a geophysical survey on a small portion of land around the Pumping Station. The results for this were reported on in a brief summary (NA 2005b). In September 2007 NA undertook a trial trench evaluation in Area 4, located in the north-eastern corner of the development area (Simmonds 2007). Both the geophysical survey and the earlier phase of trenching have been synthesised into this document.

### **3 AIMS AND METHODOLOGY**

#### **3.1 Aims**

The aims of the archaeological evaluation were to determine the location, extent, date, character, condition, significance and quality of any surviving archaeological remains liable to be threatened by the proposed development.

The objectives for the 2007 works were to:

- identify any archaeological remains within the development area;
- characterise the date, nature, state of preservation and importance of any such remains;
- place the discoveries in their local and regional context;
- to present the results in a written report in order to inform future mitigation strategies.

Specific research objectives will be drawn from national and regional research frameworks documents (English Heritage 1991 and Knight *et al* 2012) as relevant depending upon the results of the evaluation. However, in light of the interim results which identified the realignment of the River Ise and tramways associated with the ironstone extraction industry the following Regional Research objectives (Knight *et al* 2012) could be considered:-

- Research Objectives 8E: Identify agricultural improvements of the 16th to 18th centuries;
- Research Objective 8F: Research the development of East Midlands industry and its impact upon landscape and settlement morphology;
- Research Objective 9D: Investigate the use of rivers for transport and power and their relationship to other communications networks.

## 3.2 Methodology

### ***Geophysical survey***

In 2005 a reconnaissance survey was carried out by scanning gradiometry followed by detailed gradiometry in areas to the West and East of the Ise Valley (NA 2005a and b).

The reconnaissance survey using magnetometer scanning was carried out along 20m spaced transects, up to a total of c 3ha. The objective was to identify areas or localised instances of enhanced or depleted magnetic activity, which may indicate buried archaeological remains.

Detailed geophysical survey, up to 1ha of the entire application area, was then undertaken in consultation with NCC in order to define the extent and possible nature of alterations in the magnetic field.

The survey was carried out using Bartington Grad601-2 Fluxgate Gradiometers (with 1m separation between sensors) at 1x1/2 metre or even 1x1/4 metre resolution. The area was divided into 30m x 30m grid-squares on a common alignment.

### ***Trial trenching***

The 54.4ha development site was subject to archaeological evaluation through trial trench excavation. A total of 45 trenches were excavated across the proposed development area; thirty-three (33) trial trenches, each 50m long, were excavated between July and August 2014 (Trenches 13 to 45). Trenches 1 to 12 were excavated as part of this scheme in 2007 (Simmonds 2007). In 2014 a staged approach to the evaluation was adopted to limit disruption to fields which were under crop.

The trenches were distributed to cover as much of the accessible development area as possible whilst maintaining safe working distances to overhead electric cables and sewer pipes (Muldowney 2014; Fig 2). The trenches were positioned using Leica Viva Global Positioning System survey equipment operating to a 3D tolerance of  $\pm 0.05\text{m}$ .

Excavation was carried out under continuous archaeological supervision using a mechanical excavator fitted with a flat toothless bucket. The topsoil and subsoil were stacked separately and adjacent to the trenches. Mechanical excavation proceeded to the top of the archaeological deposits or to the natural substrate where no archaeology was encountered. Machine excavated sondages were excavated to test the thickness of colluvial and alluvial deposits.

Trenches containing possible archaeological remains were cleaned by hand, sufficient to define the features. Each feature or deposit was given a unique number consisting of the trench number and an individual context number (eg 402, Trench 4, context 2). The details of each context were recorded on pro-forma sheets. The trenches were planned (scale 1:50) and section drawings were made at an appropriate scale (1:10 or 1:20) where necessary. Levels, which were related to Ordnance Datum, were taken on the trenches at appropriate points, on section datum and on all major features. Trench locations were related to the Ordnance Survey National Grid. A photographic record was made of the evaluation, using 35mm black and white negative and digital images.

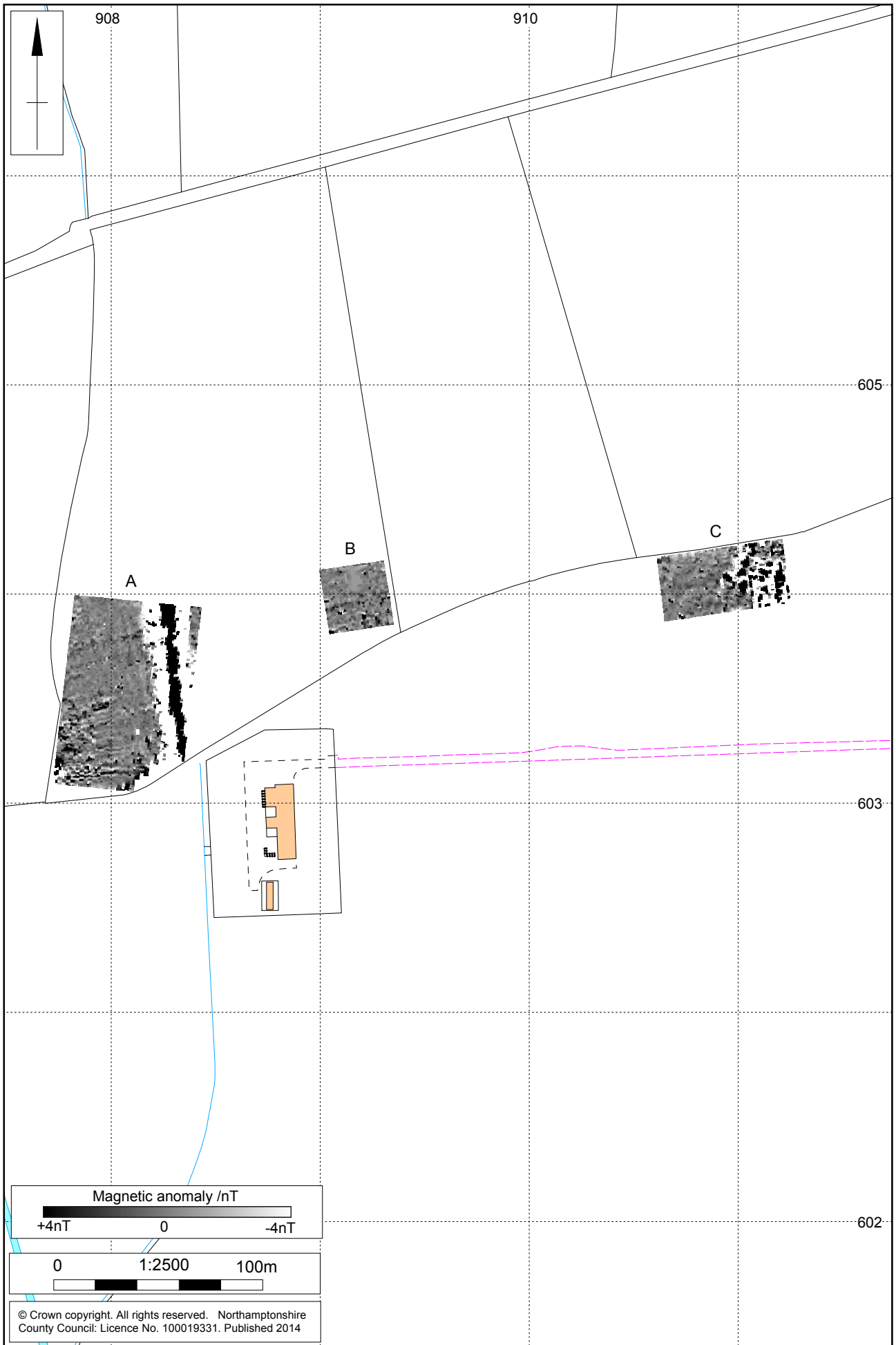
The Northamptonshire Historic Environment Record code is ENN107643, however, during the site works the MOLA working codes were WELE07 and WELE14. The archive will be prepared in accordance with the requirements of the Museums and Galleries Commission (MGC 1992).

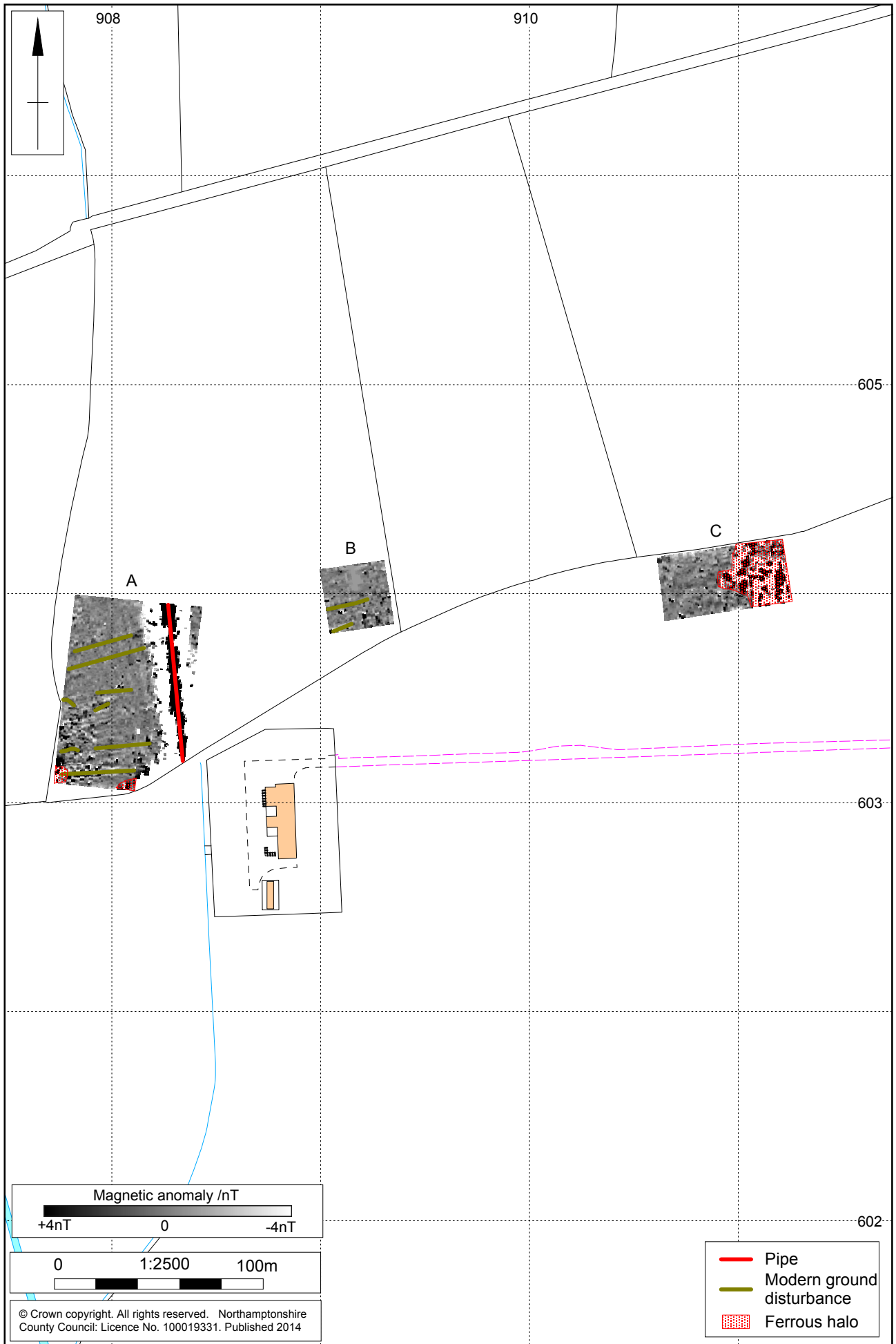
**4 GEOPHYSICAL SURVEY RESULTS** by Adrian Butler

The reconnaissance scanning did not identify any significant magnetic activity in the Western area, itself small in size and part dominated by an electricity pylon (Fig 2). The only notable anomaly in the eastern area was a ferrous pipeline signature. This was to the west of the area to the pumping station. However, no particularly significant anomalies were detected.

Sample detailed gradiometry was carried out in three areas (A-C) on eastern side of River Ise (Figs 6 and 7). Area A covered the large steel pipeline, and detected a number of linear anomalies that coincide with noticeable ground disturbance, possibly from recent machining. Prospection in Area B located nothing of archaeological interest. Area C was found to contain a zone of very intense signals, clustered at the eastern boundary of the area. Based on the quality of the anomalies and visual inspection of much of the surrounding area it is considered that these 'features' are more likely to relate to burnt-out cars or fly-tipped ferromagnetic refuse.







1:2500 (A4)

Magnetometer survey interpretation Fig 7

## 5 THE EXCAVATED EVIDENCE

### 5.1 General comments

The natural substrate varied across the site and reflected the changes in topography. In the basin of the River Ise valley the natural generally comprised grey gravels at a depth of c 2.2m below modern ground level. This was overlain with layers of yellow-brown and grey clays, likely to be alluvial in origin, between 1.25m and 2.50m thick (Fig 8). Alluvial deposits were not present in Areas 3 and 6.



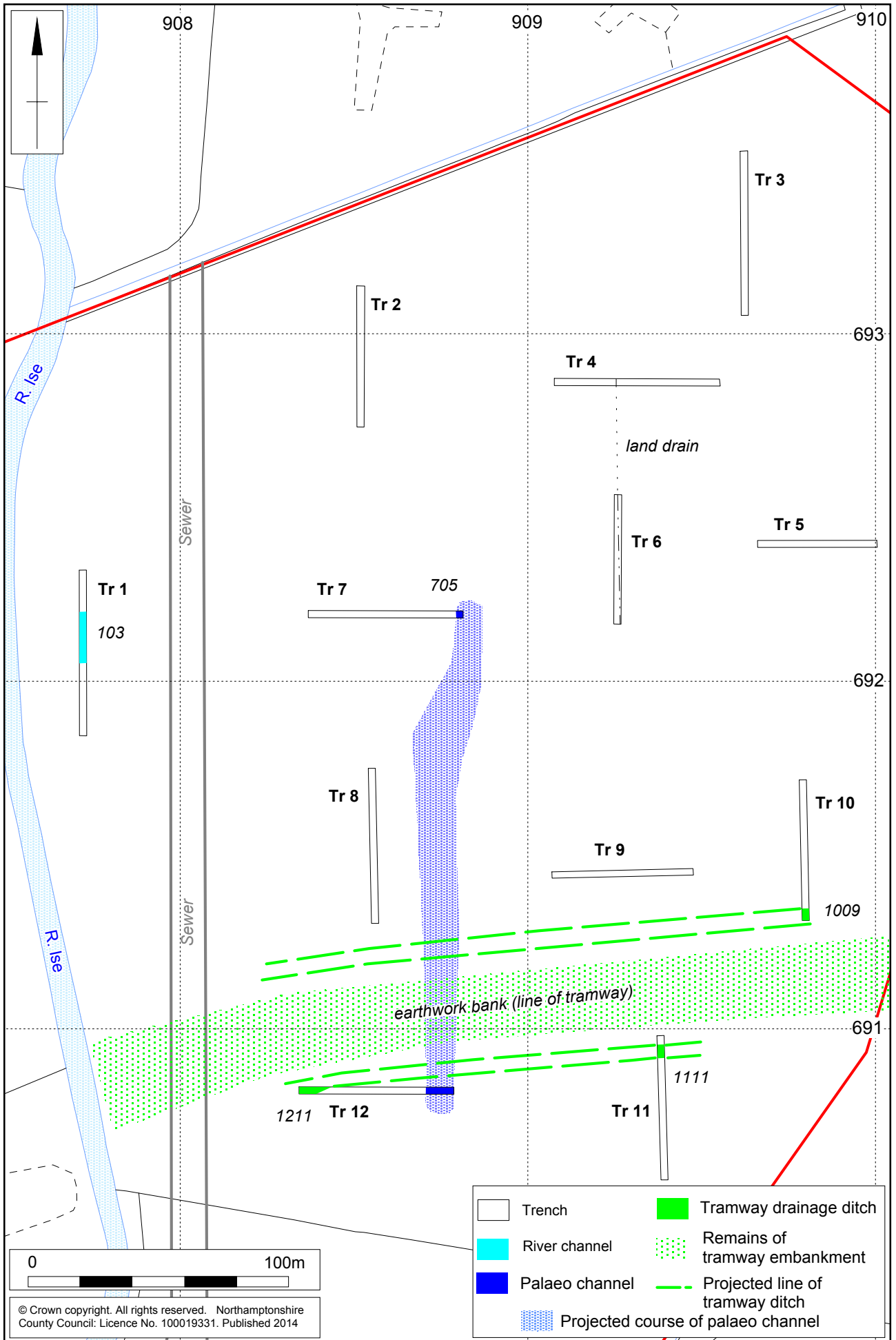
The sequence of alluvial deposits, Trench 37, looking east Fig 8

A layer of subsoil, where present, comprising red-brown silty loams or brown-orange or brown-yellow clays, 0.08m to 0.20m thick, covered the alluvial clays. In general the topsoil comprised a dark brown silty clay or a dark brown clay averaging 0.25m thick.

On the slightly higher ground in Area 3 (Trenches 32- 36) and also in Area 6 (Trench 28) the natural comprised orange sands and ironstones (Fig 9).



General view of Trench 28, looking west Fig 9



Scale 1:1500

The features in Area 4 Fig 10

## 5.2 The course of the River Ise and palaeochannels

In Area 4 within Trenches 7 and 12, at an average depth of 2.5m below modern ground level, were the remains of a palaeochannel aligned north to south (Fig 10). It was identified in sondages and lay at a lower level than the natural orange sands. The palaeochannel was characterised by dark blue-grey silty sand or gravels containing occasional small pebbles.

In Trench 8 there were a number of shallow irregular scoops containing some burnt material cutting the alluvium. Investigation of these did not indicate they were of anthropogenic origin and they were interpreted as tree holes (Simmonds 2007).

The former course of the River Ise was recorded in Trench 1 (Area 4, Figs 10 & 11). The old river channel was cut from immediately beneath the subsoil, was 15m wide, at least 1.2m deep and aligned east to west. The lower fills comprised natural silts, with some organic peaty clays containing large timber fragments, the upper fills had been deliberately backfilled.



General view of Trench 1, looking north Fig 11

The modern course of the River Ise is flanked by an earthwork bank with a flattish top and gradual sloping sides. The bank was clearly artificial and was clearly visible in the sections of Trenches 16 and 31 in Area 5 (Fig 2).

In Trench 16 the bank comprised a layer of orange-brown sandy clay (1601), 0.25m thick. In Trench 31 it comprised a lower layer (3103) of firm dark blue-brown clays, 0.13m thick, overlain with a loose dark orange sand and gravel (3102), 0.30m thick.

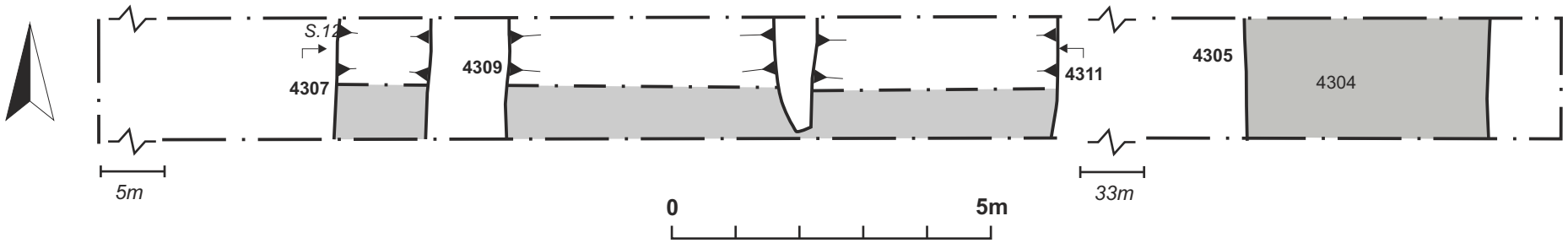
### 5.3 Possible ditches, Trench 43 (Area 1)

At the western end of Trench 43 were three possible ditches [4307], [4309] and [4311], aligned north to south situated on top of the slope overlooking the River Ise (Figs 12 and 13). They were between 1.50m wide ([4307]) and 3.70m wide. On excavation they were found to be shallow, 0.18m to 0.26m deep, with broad dish-shaped profiles, with similar fills, comprising compact dark orange-brown silty clay. A sherd of coarse Shelly-ware, 12th century in date, was recovered from fill (4310) of ditch [4311].

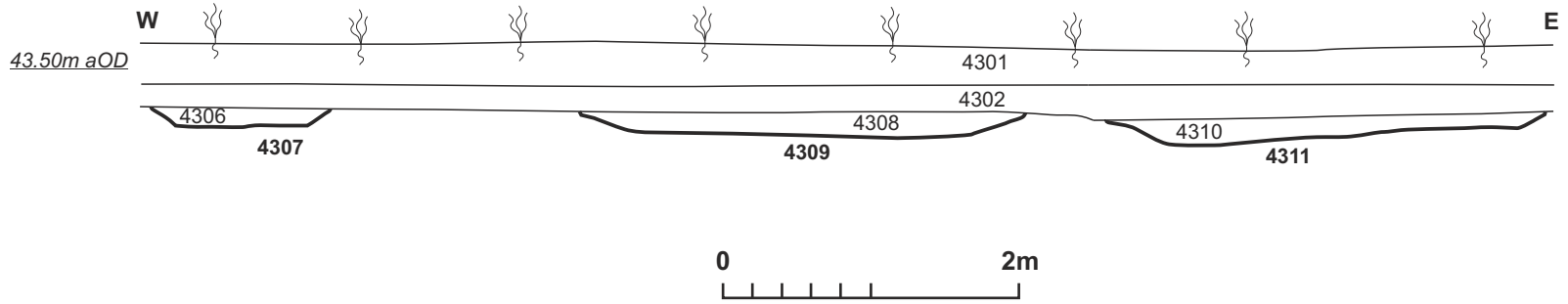


The ditches in Trench 43, looking north-east Fig 12

Scale 1:50



### Section 12



Ditches, Trench 43, plan and section Fig 13



#### 5.4 The post-medieval field boundaries

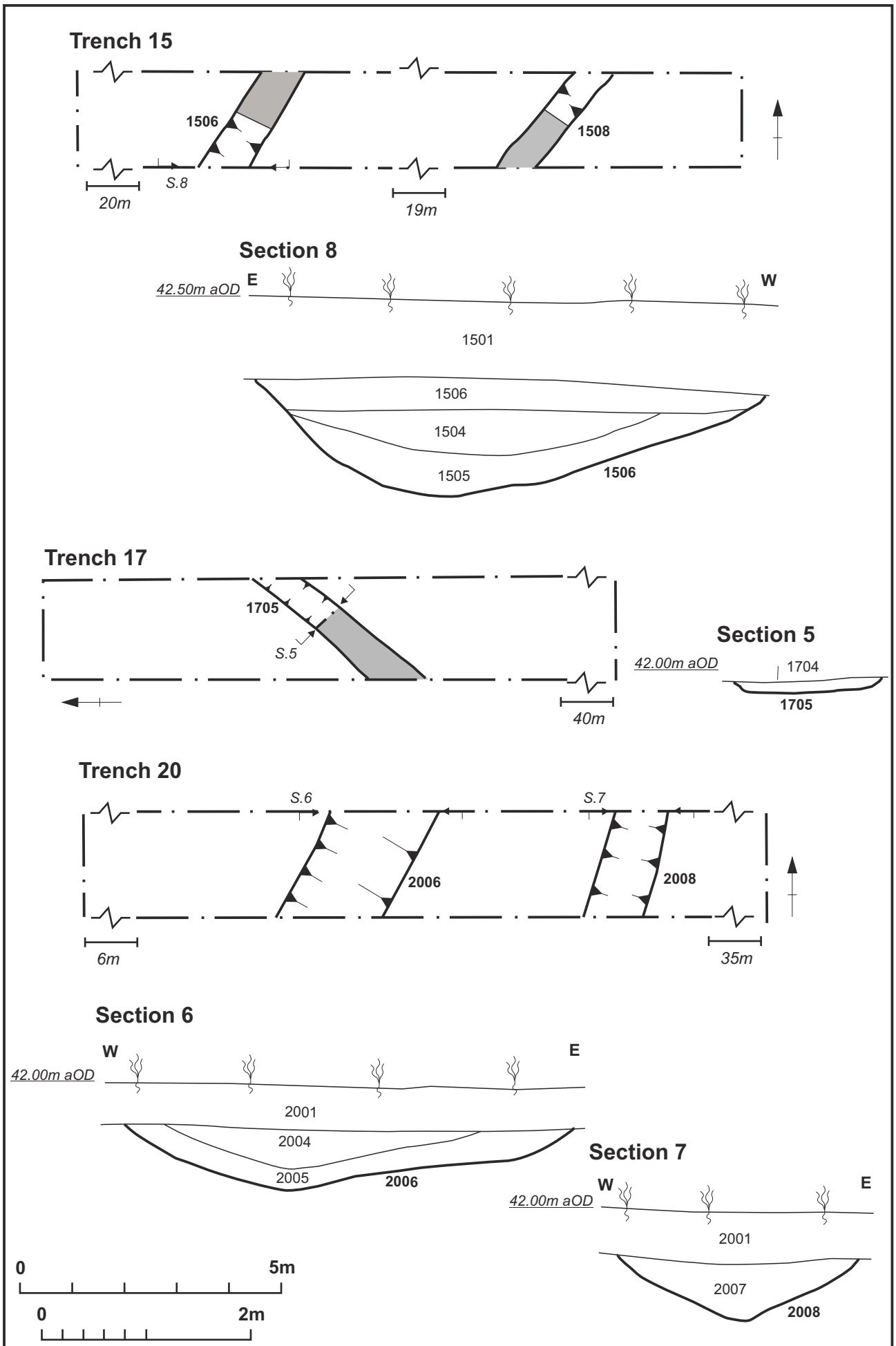
In Area 5 (Trenches 15-18 and 20) were at least three shallow ditches on a general south-west to north-east axis. The westernmost ditch [1506] (Figs 2 and 14) was 1.23m wide and 0.30m deep, an asymmetrical bowl-shaped profile with dark red-orange with grey mottling clay (1505) overlain with a dark grey and orange clay (1504). This was sealed with a fill of brown grey clay (1509). Approximately 22m to the east of this was a shallow cut [1508], with eroded unclear edges and a fill of loose soft dark grey-brown silty clay (1507). This was likely to have been a wheel rut.

Approximately 50m to the west of ditch [1506] was a shallow ditch (Figs 2 and 14) visible in Trenches 16 [1606], 17 [1705] and 20 [2008], at least 200m long, between 0.71m and 1.12m wide and 0.06m to 0.27m deep. Its profile varied from a shallow dish-shaped profile to a bowl-shaped profile with a fill of grey-brown or red-brown silty clay. In Trench 20 and 3.5m to the west of ditch [2008] was a broader ditch [2006] with an asymmetrical bowl-shaped profile. It was filled with grey-brown or mottled grey-brown and orange clays. The ditches were sealed with the topsoil and no artefacts were recovered from them.

At the eastern end of Trench 45, Area 1, was a shallow ditch [4505], 0.59m wide and 0.20m deep with an asymmetrical bowl-shaped profile (Figs 2 and 15, section 10). This was filled with a firm dark grey-brown and dark red mottled clay. No artefacts were recovered from this ditch.

In Trenches 41, 43 and 45 there was a ditch measuring at least 250m long, between 2.0m and 3.70m wide (Fig 15). It was situated near the crest of the east facing slope overlooking the River Ise.

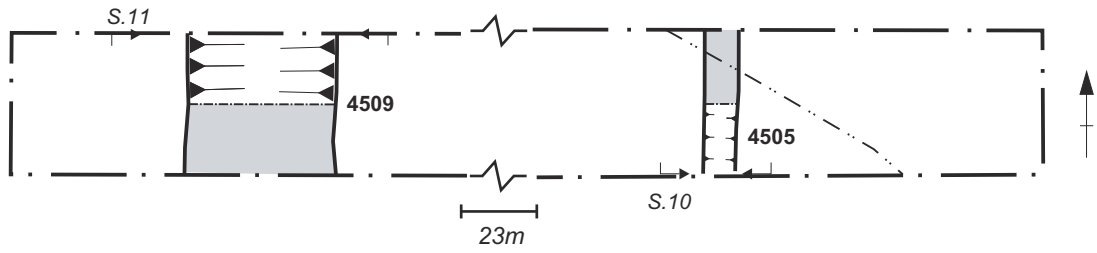
The ditch, [4509], was excavated in Trench 45 where it was up to 0.50m deep (Fig 15, section 11). It had a broad V-shaped profile comprising a narrow base, gradual sloping sides and eroded upper edges, with a fill of friable light grey-yellow sandy clay (4508) overlain with a friable dark brown clayey sand (4509). Sherds of 19th-century pottery were recovered as were fragments of clay tobacco-pipe bowls of 19th century date.



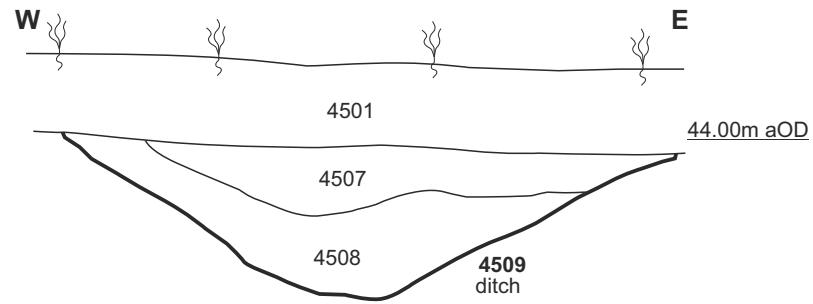
Scales, 1:50 & 1:100

Ditches, Trenches 15, 17 and 20, plans and sections Fig 14

**Trench 45**

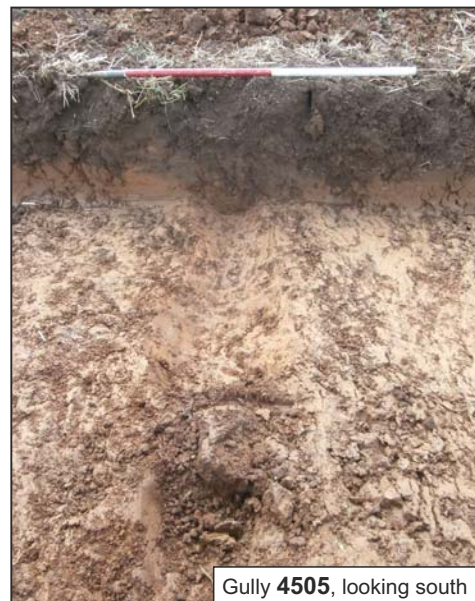
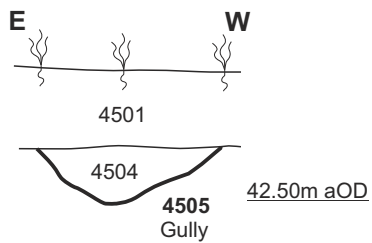


**Section 11**

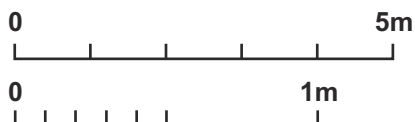


Ditch 4509, looking north

**Section 10**



Gully 4505, looking south



### 5.5 Trenches 32 and 33, ditches

Within trenches 32 and 33 were the square, blunt terminal ends of three shallow ditches, 0.50m to 0.40m wide and 0.10m to 0.40m deep. All had similar fills comprising compact very dark grey-brown silty sands (Fig 16). Sherds of 19th-century pottery and modern glass were recovered from fills (3303) and (3305) ditches [3306] and [3304].



Gully terminal [3306], looking east Fig 16

In Area 3 there are fruit trees indicating that the field was once used as an orchard. It is possible that the ditches are the remnants of planting trenches.

## 5.6 The post-medieval ironstone tramway

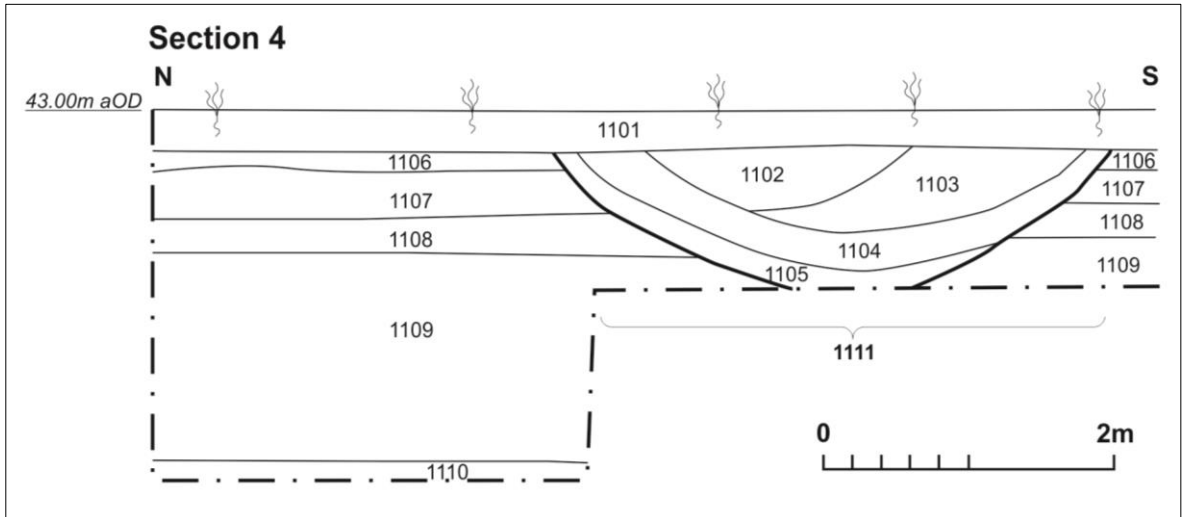
The tramway associated with ironstone extraction was located in Area 4 (Fig 10). It survived as a clearly defined earthwork ridge, aligned east to west, at least 250m long. The tramway was constructed on top of a levelling layer of dark red-brown sandy clay with lenses of brown silty clay (1205), 0.50m thick. It was further defined by two parallel ditches, spaced c 30m apart. The northern ditch was located in Trench 10 and the southern ditch in Trenches 11 and 12.



General view of Trench 12, looking east Fig 17

The northern ditch [1009] was 3.70m wide and up to 0.60m deep, comprised a U-shaped profile with a fill of dark black-blue clay (1008) overlain with dark orange clay (1007).

The southern ditch ([1111] and [1211]), was between 2.80m and 3.70m wide and up to 1.0m deep, had a U-shaped profile (Fig 18) filled with a sequence of orange and dark brown clays. The basal fills appear to have been tipped in or eroded in from the north which is the location of the tram way. The upper fills are likely to be disuse ploughed in deposits.



Trench 11, Section 4 Fig 18

## 6 THE ARTEFACTUAL EVIDENCE

### 6.1 The pottery by Paul Blinkhorn

The pottery assemblage comprised 30 sherds with a total weight of 571g. It was all post-medieval and early modern, other than a single medieval sherd. It was quantified using the conventions of the Northamptonshire County Ceramic Type-Series (CTS), as follows:

F330: Shelly Coarseware, AD1100-1400. 1 sherd, 7g.

F407: Red Earthenwares, AD1450-1600. 1 sherd, 2g.

F409: Staffordshire Slipwares, AD1680-1750. 1 sherd, 10g.

F413: Manganese Glazed Ware, AD1680-1750. 1 sherd, 64g.

F1000: Misc 19th and 20th century wares. 26 sherds, 488g.

The pottery occurrence by number and weight of sherds per context by fabric type is shown in Table 1. Each date should be regarded as a terminus post quem. The range of fabric types is typical of sites in the region (eg Blinkhorn 2010).

The assemblage is in good condition, and appears reliably stratified, other than possibly the single medieval sherd, which is somewhat abraded, with most of the calcareous inclusions leached out. The early modern assemblage comprises a mixture of tablewares and utilitarian stonewares, and appears entirely domestic

*Table 1: Pottery occurrence by number and weight (in g) of sherds per context by fabric type*

Fill/ type	F330		F407		F409		F413		F1000		Date in centuries
	No	Wt (g)	No	Wt (g)	No	Wt (g)	No	Wt (g)	No	Wt (g)	
2401/ topsoil	-	-	-	-	-	-	-	-	1	35	19th
2803/ layer	-	-	-	-	-	-	1	64	-	-	late17th
3101/ topsoil	-	-	-	-	-	-	-	-	1	41	19th
3201/ topsoil	-	-	-	-	-	-	-	-	3	33	19th
3303/ ditch 3304	-	-	-	-	-	-	-	-	2	2	19th
3305/ ditch 3306	-	-	-	-	-	-	-	-	4	19	19th
4301/ topsoil	-	-	1	2	-	-	-	-	6	38	19th
4304/ ditch 4305	-	-	-	-	-	-	-	-	1	75	19th
4310/ ditch 4311	1	7	-	-	-	-	-	-	-	-	12th
4401/ topsoil	-	-	-	-	-	-	-	-	4	49	19th
4501/ topsoil	-	-	-	-	1	10	-	-	-	-	mid17th
4507/ ditch 4509	-	-	-	-	-	-	-	-	4	196	19th
Totals	1	7	1	2	1	10	1	64	26	488	

**6.2 Ceramic building material** by Pat Chapman

Four brick fragments, weighing 605g, come from four different contexts. The fragments from topsoil (2801) and (4401) in trenches 28 and 44, are very similar, handmade from hard pale red and buff silty clay not well mixed with ironstone inclusions and a large grey core. From fill (3305) ditch [3306], the brick fragment is probably handmade from a hard fine sandy pale orange clay with buff streaks and ironstone inclusions. From topsoil (4501) the fragment is well made in hard fine sandy dark red clay with ironstone inclusions.

Two sherds of ceramic roof tile from the topsoil in trenches 43 and 45, (4301) and (4501), weigh 95g. They are both 15mm thick and made from the same fine silty pale red clay as the bricks from (2801) and (4401).

The brick and tile are all datable from the 18th to early 20th centuries, most likely locally made and of variable quality.

**6.3 Metalworking debris** by Andy Chapman

Small quantities of post-medieval metalworking debris were recovered from three contexts in Trench 28.

From topsoil (2801) there are two lumps of vitreous slag, weighing 300g and each 60mm in diameter, with black surfaces. From layer (2802) there is a lump of vesicular calcareous slag, weighing 480g and 90mm in diameter, and a lump of vesicular low density ferrous slag, weighing 210g and 80mm in diameter. From layer (2803) there are two small lumps of ferrous slag weighing 97g.

All of this material is consistent with debris derived from post-medieval iron smelting in a blast furnace, using limestone as a flux, which would suggest a date post-1600 (EH 2001, 11-12).

**6.4 Clay tobacco-pipe** by Tora Hylton

Two abraded fragments of clay tobacco pipe were recovered from the fill (4507) of ditch [4509]. The pieces represent undiagnostic bowl fragments from the same pipe, but they do not join together, therefore it has not been possible to classify them according to Oswald's Type series. The wall of the bowl is thin and the lip plain, the scar where the stem sheared off still retains a vestige of a small bore measuring 5/64's of an inch, suggesting a 19th century date for the fragments.

**6.5 Glass** by Tora Hylton

Three fragments of unabraded modern vessel glass were recovered from fill (3303) of ditch [3304]. Two are undiagnostic fragments of clear vessel glass, possibly from a jar. The other is a body sherd from a square bottle in clear glass with a bluish tinge; the exterior surface is furnished with a vestige of an embossed letter, indicating that it probably originates from a coffee or sauce bottle.



## 7 DISCUSSION

The earliest deposits encountered on site comprised the palaeochannel fills seen in Trenches 7 and 12. These were overlain by a largely homogeneous build-up of alluvial clays, suggestive of a regularly inundated floodplain environment.

The natural substrate on the higher ground, particularly in Area 1, was variable. The possible ditches in Trench 43 could also be interpreted as variations in natural. The medieval pottery may have been the result of later intrusive ploughing or earlier field boundaries. Their location and alignment (parallel with 19th century field boundary) may support this.

In general the archaeological features recorded suggest that during the 19th century the wet marshy ground flanking the River Ise was subject to agricultural 'improvement'. Preliminary assessment of earlier maps suggests that the river channel seen in Trench 1 was still in existence until WWII. After such time the course of the River Ise was formalised on its current alignment and the old channel was backfilled. It is possible that this was undertaken during construction of the major sewers which traverse the site on a north-south alignment, immediately to the east of Trench 1.

There was a network of shallow ditches recorded in trenches 15, 16, 17, 20 and 45, which were parallel with the River Ise and suggest that there was some localised attempt to improve drainage of the fields. However, they do not appear on historic maps suggesting that they were not major drains or boundaries. This contrasts with a clearly defined ditch in Area 1 (trenches 41, 43 and 45) which coincides with a boundary visible on the first edition (6 inch) Ordnance Survey.

The features in Area 3 (trenches 32 and 33) are likely to be the remnants of post-medieval and modern planting trenches or hollows for fruit trees.

Aside from the realignment of the River Ise the other major post-medieval landscape feature was the tramway linking the goods yards with the ironstone quarrying to the east. A low earthwork bank aligned east-west still marks the course of this feature. The two parallel ditches in Trenches 10, 11 and 12 represent drainage ditches flanking the tramway embankment.

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**APPENDIX 1: CONTEXT INVENTORY****Area 4 (2007)**

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>1</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490722 269208</b>	<b>43.20m</b>	<b>3m &amp; 40.20m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
101	Topsoil	Dark brown silty loam. Few small poorly sorted gravel	0.30m thick	-
102	Subsoil	Mid red-brown silty loam, rare small poorly sorted gravel	0.20m thick	-
103	Natural-Alluvium	Orange-brown and blue clays, darker silty clay layers, root disturbance	2.5m thick	-
104	Natural	Red sands and gravels	-	-
105	River channel Former course of River Ise	East to west aligned. Bands of light brown or grey-brown silty clays and gravels	15m wide At least 1.2m thick	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>2</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490852 269293</b>	<b>42.85m</b>	<b>1.70m &amp;</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
201	Topsoil	Same as 101	0.20m thick	-
202	Subsoil	Same as 102	0.15m thick	-
203	Natural-Alluvium Overlies 206	Compact silty grey clay, orange sands mottling	At least 0.15m thick	-
204	Natural	Dark orange coarse gravels	-	-
205	Natural	Yellow-orange sands	-	-
206	Natural-Alluvium	Compact dark orange clay	1m thick	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>3</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490962 269327</b>	<b>44.00m</b>	<b>3.31m &amp; 40.69m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
301	Topsoil	Same as 101	0.26m thick	-
302	Subsoil	Same as 102	0.05m thick	-
303	Layer	Brown-red silty clay	0.40m thick	-
304	Layer	Dark grey-yellow sandy clay	0.20m thick	-
305	Layer	Mid brown-red fine grained sand	0.23m thick	-
306	Layer	Yellow-orange silty clay	16m long (N-S) 0.20m thick	-
307	Layer	Red-grey clay	9m long (N-S) 1.02m	-
308	Layer Overlies 309	Dark grey clay	0.95m thick	-
309	Natural	Homogenous dark grey silty gravel	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>4</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490931 269286</b>	<b>42.98m</b>	<b>2.0m &amp; 40.98m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
401	Topsoil	Same as 101	0.25m thick	-
402	Subsoil	Same as 102	0.10m thick	-
403	Natural-Alluvium	Mid yellow-orange silty clay	0.45m thick	-
404	Natural-Alluvium	Light mottled grey and yellow silty clay	0.15m-0.40m thick	-
405	Natural-Alluvium	Mid yellow-orange silty clay	1.0m thick	-
406	Natural	Same as 309	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>5</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490984 269239</b>	<b>47.70m</b>	<b>2.10m &amp; 45.60m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
501	Topsoil	Same as 101	0.20m-0.31m thick	-
502	Subsoil	Same as 102	0.08m thick	-
503	Natural-Alluvium	Mid yellow- brown silty clay	0.30m thick	-
504	Natural-Alluvium	Light grey silty clay	0.08m thick	-
505	Natural-Alluvium	Mid yellow-orange silty clay, iron panning and ironstone nodules	0.08m – 0.27m thick	-
506	Natural-Alluvium	Mixed bands of grey and red-brown silty clays	0.13m thick	-
507	Natural-Alluvium	Orange silty clay	1.18m thick	-
508	Natural-Alluvium	Blue-grey clay	0.10m thick	-
509	Natural	Same as 309	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>6</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490925 269236</b>	<b>42.70m</b>	<b>-</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
601	Topsoil	Same as 101	0.20m thick	-
602	Subsoil	Same as 102 Land drain along length of trench prevented full depth from being ascertained	At least 0.08m thick	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
7	50m, 1.8m & E-W	490859 269219	42.75m	1.18m & 42.57m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
701	Topsoil	Same as 101	0.22m thick	-
702	Subsoil	Same as 102	0.10m thick	-
703	Natural-Alluvium	Same as 503	0.86m thick	-
704	Natural	Orange sands	-	-
705	Palaeo-channel? Sealed with 703 Overlies 704	At northern end of the trench. Very dark black-blue silty sand, small rounded stones	1.02m thick	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
8	50m, 1.8m & N-S	490855 269153	42.90m	2.20m & 40.70m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
801	Topsoil	Same as 101	0.30m thick	-
802	Subsoil	Same as 102	0.10m thick	-
803	Natural-Alluvium	Compact orange clay	0.50- 0.80m thick	-
804	Natural-Alluvium	Compact grey-blue clay	0.40m thick	-
805	Natural	Orange sands	-	-
806	Natural-Alluvium	Firm grey clay with patches of burnt tree roots	0.66m thick	-
807	Natural	Coarse dark-orange-red gravels and sands	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>9</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490927 269144</b>	<b>42.60m</b>	<b>2.20m &amp; 40.40m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
901	Topsoil	Same as 101	0.20m thick	-
902	Subsoil	Same as 102	0.25m thick	-
903	Natural-Alluvium	Light grey silty clay	0.10m thick	-
904	Natural-Alluvium	Light yellow-orange silty clay	0.23m thick	-
905	Natural-Alluvium	Light grey silty clay	1.60m thick	-
906	Natural	Same as 807	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>10</b>	<b>50m, 1.8m &amp; N-S</b>	<b>249979 269154</b>	<b>42.70m</b>	<b>2.30m &amp; 40.40m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1001	Topsoil	Same as 101	0.20m thick	-
1002	Subsoil	Dark brown humic loam	0.10m thick	-
1003	Natural-Alluvium	Mid yellow-orange silty clay	0.38m thick	-
1004	Natural-Alluvium	Light grey silty clay	0.10m thick	-
1005	Natural-Alluvium	Light yellow-orange silty clay	1.57m thick	-
1006	Natural	Same as 807	-	-
1007	Fill of Ditch 1009	Dark orange clay, few small angular stones	3.50m wide 0.40m thick	-
1008	Fill of Ditch 1009	Dark black-blue clay, few small angular stones	3.70m wide 0.20m thick	-
1009	Ditch. Tramway embankment Filled with 1007 & 1008 Cuts 1002	Located at southern end of the trench. U shaped profile	3.70m wide 0.60m deep	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
11	50m, 1.8m & N-S	490938 269078	42.77m	2.40m & 40.37m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1101	Topsoil	Same as 101	0.30m thick	-
1102	Fill of ditch 1111	Firm orange clay	0.10m thick	-
1103	Fill of ditch 1111	Firm mid-grey-brown clay	0.35m thick	-
1104	Fill of ditch 1111	Firm dark brown clay, few small angular ironstone fragments and frequent (c50%) large angular ironstone	1.70m wide 0.40m thick	-
1105	Fill of ditch 1111	Firm orange clay, frequent ironstone fragments	2.55m wide 0.55m thick	-
1106	Subsoil	Same as 102	3.63m wide 0.25m thick	-
1107	Natural-Alluvium	Light grey silty clay	0.35m thick	-
1108	Natural-Alluvium	Mid yellow-orange silty clay	0.30m thick	-
1109	Natural-Alluvium	Light grey silty clay	1.40m thick	-
1110	Natural	Same as 807	-	-
1111	Ditch. Tramway embankment Filled with 1102-05	Located at northern end of trench. SW-NE aligned. U-shaped profile	3.70m wide 1.0m deep	-



<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
12	50m, 1.8m & E-W	490855 269082	43.00m	2.50m & 40.50m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1201	Topsoil	Same as 101, however change to a firm red-brown clay loam at eastern end	0.25m thick	Modern glass- not retained
1202	Fill of Ditch 1211	Same as 1102	0.48m thick	-
1203	Fill of Ditch 1211	Same as 1103	0.50m thick	-
1204	Fill of Ditch 1211	Same as 1104	1.50m wide 0.50m thick	-
1205	Layer	Dark red-brown sandy clay, lenses of dark brown silty clay	0.50m thick	-
1206	Natural-Alluvium	Mid yellow-brown silty clay	0.45m thick	-
1207	Palaeochannel	Same as 705	1.40m thick	-
1208	Palaeochannel?/ natural	Dark grey gravel	-	-
1209	Fill of Ditch 1211	Orange clay, occasional ironstone fragments	2m wide 0.25m thick	-
1210	Fill of Ditch 1211	Orange clay with frequent angular medium ironstone	0.70m wide 0.30m thick	-
1211	Ditch. Tramway embankment. Filled with 1202-04, 1209, 1210	SW-NE, same as 1111	2.80m wide 0.90m deep	-

**Area 5 (2014)**

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
13	50m, 1.8m & E-W	490856 269020	42.60m	0.39m & 42.21m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
1301	Topsoil	Firm very dark brown clays	0.25m thick	-
1302	Subsoil	Firm mid brown-orange clay	0.14m thick	-
1303	Natural/ Alluvium?	Firm mid grey-yellow clay, manganese flecking	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
14	50m, 1.8m & N-S	490888 268982	42.45m	0.34m & 42.11m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
1401	Topsoil	Same as 1301	0.21m thick	-
1402	Subsoil	Same as 1302	0.13m thick	-
1403	Natural/ Alluvium?	Same as 1303	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
15	50m, 1.8m & E-W	490849 268935	42.38m	0.40m & 41.92m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1501	Topsoil	Same as 1301	0.25m thick	-
1502	Subsoil	Firm dark brown-orange clay	0.15m thick	-
1503	Natural-Alluvium	Firm light yellow-grey and light grey clays	-	-
1504	Fill of ditch 1506	Compact dark grey mottled with dark orange clays. Very rare charcoal flecks.	1.0m wide 0.11m thick	-
1505	Fill of ditch 1506	Firm dark red-orange clay with dark grey mottling. Very rare poorly sorted small pebbles	1.06m wide 0.10m thick	-
1506	Ditch Filled with 1504 and 1505	Ditch aligned NW-SE. Shallow bowl shaped profile with slightly concave base rising to very gradual sloping sides	1.08m wide 0.21m thick	-
1507	Fill of ditch/wheel rut 1508	Compact mid dark grey-brown silty clay.	0.40m wide 0.04m thick	-
1508	Ditch/ wheel rut Filled with 1507	N-S aligned, very shallow dish shaped profile comprising flat base and gradual sloping sides	0.40m wide 0.04m deep	-
1509	Fill of ditch 1506	Upper fill, compact silty clay	1.23m wide 0.08m deep	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
16	50m, 1.8m & E-W	490702 268856	42.70m	0.65m & 42.05m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1600	Turf		0.10m thick	-
1601	Layer	Firm, dry mid orangey-brown slightly sandy clay. At western end of the trench beneath 1600 but over 1602	20m long 0.25m thick	-
1602	Topsoil	Firm very dark brown clays	0.10m- 0.20m thick	-
1603	Subsoil	Firm brownish-orange clay, very rare small rounded pebbles	0.23mn thick	-
1604	Natural-Alluvium	Compact mid grey-yellow clay, manganese flecking	-	-
1605	Fill of ditch 1606	Compact red-brown clays Unexcavated	1.8m wide	-
1606	Ditch Filled with 1605	NE-SW aligned Unexcavated	1.8m wide	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
17	50m, 1.8m & N-S	490711 268818	42.00m	0.47m & 41.53m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1701	Topsoil	Same as 1602	0.26m thick	-
1702	Subsoil	Same as 1603	0.21m thick	-
1703	Natural-Alluvium	Same as 1604	-	-
1704	Fill of Ditch 1705	Firm orange-brown and red mottling	0.71m wide 0.06m thick	-
1705	Ditch Filled with 1704	Linear, SW-NE aligned. Dish shaped profile comprising flat base and gradual sloping sides	0.71m wide 0.06m deep	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>18</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490644 268784</b>	<b>42.50m</b>	<b>0.57m &amp; 41.93m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1801	Topsoil	Same as 1301	0.20m-0.35m thick	
1802	Subsoil	Same as 1302	0.22m thick	
1803	Natural/ Alluvium?	Same as 1303	-	

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>19</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490686 268732</b>	<b>42.20m</b>	<b>0.46m &amp; 41.74m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
1901	Topsoil	Same as 1301	0.26m thick	
1902	Subsoil	Same as 1302	0.11m-0.20m thick	
1903	Natural/ Alluvium?	Same as 1303	-	

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>20</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490634 268678</b>	<b>41.90m</b>	<b>0.35m &amp; 41.55m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
2001	Topsoil	Same as 1301	0.24m thick	-
2002	Subsoil	Same as 1302	0.11m thick	-
2003	Natural/ Alluvium?	Same as 1303	-	-
2004	Fill of gully 2006	Firm dark grey-brown clay	1.50m wide 0.18m thick	-
2005	Fill of gully 2006	Firm grey-brown and orange flecking silty clay	2.14m wide 0.14m thick	-
2006	Gully Filled with 2004 and 2005	SW-NE aligned, broad bowl shaped profile Root disturbance	2.14m wide 0.29m deep	-
2007	Fill of gully 2008	Firm grey-brown and red flecking silty clay	1.12m wide 0.27m thick	-
2008	Gully Filled with 2007	SW-NE aligned bowl shaped profile	1.12m wide 0.27m deep	-

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
21	50m, 1.8m & N-S	490632 268618	41.90m	0.34m & 41.56m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2101	Topsoil	Same as 1301	0.24m thick	
2102	Subsoil	Same as 1302	0.10m thick	
2103	Natural/ Alluvium?	Same as 1303	-	

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
22	50m, 1.8m & E-W	490742 268609	41.81m	0.20m & 41.61m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2201	Topsoil	Dark brown-grey silty clay	0.20m thick	
2202	Natural- Alluvium	Light orange-grey clay	-	

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
23	50m, 1.8m & E-W	490631 268546	41.90m	1.20m & 40.70m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2301	Topsoil	Same as 1301	0.24m thick	
2302	Subsoil	Same as 1302	0.10m thick	
2303	Natural/ Alluvium?	Same as 1303	c0.86m thick	
2304	Natural	Blue clay	-	

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
24	50m, 1.8m & NE-SW	490637 268493	41.68m	0.71m & 40.97m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2401	Topsoil	Compact, dry, dark brown clay	0.24m thick	-
2402	Natural/ Alluvium?	Firm light grey-yellow with light grey mottling clay	0.47m thick	-
2403	Natural/ Alluvium?	Firm light grey clays with manganese flecking	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
25	50m, 1.8m & E-W	490733 268488	41.00m	0.25m & 40.75m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2501	Topsoil	Same as 2401	0.25m thick	-
2502	Natural-Alluvium	Same as 2402	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
26	50m, 1.8m & N-S	490718 268418	41.50m	0.40m & 41.10m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2601	Topsoil	Friable dark brown clay loam	0.27m thick	-
2602	Subsoil	Firm dark brown-yellow clay	0.13m thick	-
2603	Natural-Alluvium	Firm light grey-yellow clays with rare flint nodules, bands of yellow-grey silty clays and gravels	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
27	50m, 1.8m & E-W	490721 268345	41.55m	0.64m & 40.91m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2701	Topsoil	Same as 2601	0.24m thick	-
2702	Subsoil	Same as 2602	0.10m thick	-
2703	Natural-Alluvium	Firm light yellow-grey clays with patches mid brown-yellow silty clays and gravels. Areas of mottled dark brown-yellow and grey clays	0.30m thick	-
2704	Natural-Alluvium	Firm blue-grey clays, sondage at eastern end of the trench	-	-

**Area 6 (2014)**

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>28</b>	<b>50m, 2m &amp; E-W</b>	<b>490809 268016</b>	<b>43.97m</b>	<b>0.50m &amp; 43.47m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
2801	Topsoil	Dark brown-grey silty clay, with small pebbles	0.30m thick	
2802	Layer	Light orange-yellow clay with ironstone fragments	0.08m thick	
2803	Layer	Mid brown-grey silty clay with rare charcoal flecking	0.12m thick	
2804	Natural	Dark orange sand/silty clay with ironstone	-	



## Area 5 (2014)

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
29	50m, 1.8m & E-W	490611 268305	41.50m	0.38m & 41.12m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
2901	Topsoil	Thin firm dark brown clay loam	0.13m - 0.23m thick	-
2902	Layer	Friable dark orange-brown sandy clays, rare small flint nodules	15m long 0.17m thick	-
2903	Layer	Firm very dark blue-brown silty clays at western end of the trench	0.08m thick	-
2904	Natural-Alluvium	Firm mottled dark orange and mid grey clays, rare flint nodules	-	-

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
30	50m, 1.8m & N-S	490602 268342	41.44m	0.25m & 41.19m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
3001	Topsoil	Same as 2901	0.25m thick	-
3002	Natural-Alluvium	Same as 2904	-	-

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
31	50m, 1.8m & NE-SW	490574 268452	42.00m	
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
3101	Topsoil	Firm, very dark brown clays	0.13m – 0.23m thick	Pot
3102	Layer Embankment	Loose dark orange sands and coarse poorly sorted gravels at SW end of the trench	0.30m thick	-
3103	Layer Embankment	Firm very dark blue-brown silty clays at SW end of the trench	0.13m thick	-
3104	Subsoil	Firm mid yellow-brown clays	0.05m thick	-
3105	Natural-Alluvium	Same as 3002	-	-
3106	Layer – metal pipe trench	Firm dark brown sandy clays and frequent clinker	-	-

## Area 3 (2014)

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
32	50m, 1.8m & E-W	490425 268097	46.00m	0.27m & 45.73m
Context	Context type	Description	Dimensions	Artefacts/Samples
3201	Topsoil	Firm, dark grey-brown clays with occasional small ironstone fragments, clear	0.27m thick	Pot
3202	Natural	Firm light orange sands with ironstone patches and manganese flecking	0.32m thick	-
3203	Natural	Ironstone, sondage at western end of the trench	-	-
3204	Fill of ditch? 3205	Compact very dark grey-brown silty sands	0.60m wide 0.10m thick	-
3205	Ditch? Filled with 3204	Terminal end of possible ditch Located north to south, shallow dish shaped profile	0.60m wide 0.10m deep	-

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
33	50m, 1.8m & N-S	490434 268155	47.00m	0.28m & 46.72m
Context	Context type	Description	Dimensions	Artefacts/Samples
3301	Topsoil	Same as 3201	0.28m thick	-
3302	Natural	Same as 3202	-	-
3303	Fill of ditch? 3304	Compact very dark grey-brown silty sands	0.50m wide 0.40m thick	Pot, modern glass
3304	Ditch? Filled with 3303	Terminal end of possible ditch Located east to west, shallow dish shaped profile	0.50m wide 0.40m deep	-
3305	Fill of ditch? 3306	Compact very dark grey-brown silty sands	0.60m wide 0.40m thick	Pot
3306	Ditch? Filled with 3305	Terminal end of possible ditch Located east to west, shallow dish shaped profile	0.60m wide 0.40m deep	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>34</b>	<b>50m, 1.8m &amp; NW-SE</b>	<b>490391 268239</b>	<b>53.00m</b>	<b>0.25m &amp; 52.75m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
3401	Topsoil	Same as 3201	0.36m thick	-
3402	Natural	Same as 3202	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>35</b>	<b>50m, 1.8m &amp; NW-SE</b>	<b>490457 268310</b>	<b>49.00m</b>	<b>0.25m &amp; 48.75m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
3501	Topsoil	Same as 3201	0.25m thick	-
3502	Natural	Same as 3202	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>36</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490412 268402</b>	<b>55.00m</b>	<b>0.34m &amp; 54.66m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
3601	Topsoil	Same as 3201	0.34m thick	-
3602	Natural	Same as 3202	-	-

**Area 2 (2014)**

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
37	50m, 1.8m & N-S	490633 268923	42.70m	1.80m & 40.90m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
3701	Topsoil	Firm dark slightly blue-brown silty clays and root disturbance	0.25m thick	-
3702	Subsoil	Firm mottles dark grey-brown and dark orange clay. Merging with 3803	0.20m thick	-
3703	Natural-Alluvium	Compact slightly moist mottled blue-grey and orange clays	0.40m thick	-
3704	Natural-Alluvium	Compact grey clay	0.30m thick	-
3705	Natural-Alluvium	Compact orange clay	0.55m thick	-
3706	Natural gravels	Medium grained grey sands and gravels Sondage at northern end of trench Water table at this level	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
38	50m, 1.8m & E-W	490653 268978	42.74m	0.48m & 42.46m
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
3801	Topsoil	Same as 3701	0.25m thick	-
3802	Subsoil	Same as 3702	0.23m thick	-
3803	Natural-Alluvium	Same as 3703	At least 0.26m thick	-

**Area 1 (2014)**

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>39</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490713 269139</b>	<b>43.00m</b>	<b>0.40m &amp; 42.60m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
3901	Topsoil	Compact dark brown clays, rare small flint nodules, clear	0.30m thick	-
3902	Subsoil	Compact mid orange-yellow clays	0.10m thick	-
3903	Natural-Alluvium	Compact mid grey and orange mottled clays	0.30m thick	-
3904	Natural-Alluvium	Compact light grey-yellow clays	At least 0.10m thick	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>40</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490679 269088</b>	<b>42.90m</b>	<b>0.44m &amp; 42.46m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
4001	Topsoil	Same as 3901	0.30m thick	-
4002	Subsoil	Same as 3902	0.14m thick	-
4003	Natural-Alluvium	Same as 3903	0.30m thick	-
4004	Natural-Alluvium	Same as 3904	At least 0.12m thick	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>41</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490583 269109</b>	<b>44.00m</b>	<b>0.30m &amp; 43.70m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
4101	Topsoil	Same as 3901	0.30m thick	-
4102	Natural	Firm light white-orange clay sands, root disturbance, rare small flint nodules. Merging 4103	-	-
4103	Natural	Friable light white-orange clay sands with manganese flecks	-	-
4104	Fill of Ditch 4105	Friable dark brown clay sands Not excavated	2.10m wide	-
4105	Ditch Filled with 4104	N- S aligned. Not excavated. Same as 4305 and 4509	2.10m wide	-
4106	Tree disturbance	Circular area of light white-orange clay sands with frequent red clay and occasional charcoal		

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>42</b>	<b>50m, 1.8m &amp; N-S</b>	<b>490602 269162</b>	<b>44.00m</b>	<b>0.45m &amp; 43.55m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
4201	Topsoil	Firm dark brown clay loam, rare small rounded pebbles	0.30m thick	-
4202	Subsoil	Firm, bright mid yellow-orange clay	0.15m thick	-
4203	Natural-Alluvium	Firm mid brown-orange clays and occasional gravel patches	0.24m thick	-
4204	Natural-Alluvium	Compact brown-orange clays at northern end of the trench	At least 0.15m thick	-

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
43	50m, 1.8m & E-W	490607 269215	44.25m	0.45m & 43.80m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
4301	Topsoil	Same as 4201	0.30m thick	Pottery
4302	Subsoil	Same as 4202	0.15m thick	
4303	Natural-Alluvium	Compact light grey-yellow clays with bands of red-brown clays		
4304	Fill of Ditch 4305	Unexcavated Same as 4104	4.0m wide	Pottery
4305	Ditch Filled with 4304	Unexcavated Same as 4105	4.0m wide	
4306	Fill of Ditch? 4307	Compact dark orange-brown silty clay, root disturbance	1.50m wide 0.26m thick	
4307	Ditch ? Filled with 4306	North to south aligned, flat base, gradual sloping sides	1.50m wide 0.26m deep	
4308	Fill of Ditch ? 4309	Compact dark orange-brown silty clay, root disturbance	3.75m wide 0.20m thick	
4309	Ditch ? Filled with 4308	North to south aligned, flat base, gradual sloping sides	3.75m wide 0.20m thick	
4310	Fill of Ditch ? 4311	Compact dark orange-brown silty clay, root disturbance	3.70m wide 0.18m thick	12 <sup>th</sup> century pottery
4311	Ditch ? Filled with 4310	North to south aligned, flat base, gradual sloping sides but western edge slightly steeper than eastern edge	3.70m wide 0.18m deep	

Trench No	Length, width & alignment	NGR	Surface height	Depth & height of natural
44	50m, 1.8m & N-S	490646 269268	43.75m	0.46m & 43.29m
<i>Context</i>	<i>Context type</i>	<i>Description</i>	<i>Dimensions</i>	<i>Artefacts/Samples</i>
4401	Topsoil	Same as 4201	0.30m thick	Post-medieval pottery
4402	Subsoil	Same as 4202	0.16m thick	-
4403	Natural-Alluvium	Firm dark brown-orange sandy clays, rare flint nodules	0.25m thick	-
4404	Natural-Alluvium	Compact dark orange clays	-	-

<b>Trench No</b>	<b>Length, width &amp; alignment</b>	<b>NGR</b>	<b>Surface height</b>	<b>Depth &amp; height of natural</b>
<b>45</b>	<b>50m, 1.8m &amp; E-W</b>	<b>490665 269322</b>	<b>43.50m</b>	<b>0.39m &amp; 43.11m</b>
<b>Context</b>	<b>Context type</b>	<b>Description</b>	<b>Dimensions</b>	<b>Artefacts/Samples</b>
4501	Topsoil	Same as 4201	0.27m thick	Pottery
4502	Subsoil	Same as 4202	0.12m thick	-
4503	Natural-Alluvium	Firm grey-orange clays	-	-
4504	Fill of Ditch 4505	Firm, dark grey-brown with dark red mottled clay, rare very small rounded pebbles	0.59m wide 0.20m thick	-
4505	Ditch Filled with 4504	Aligned N-S, asymmetrical bowl-shaped profile, gradual slopes, western edge more gradual	0.59m wide 0.20m deep	-
4506	Natural	At western end of the trench- coarse grained gravels set in orange-clay matrix, overlain with a band of firm light orange-yellow clay sands	-	-
4507	Fill of Ditch 4509	Friable, dark brown clayey sands with rare small angular flint nodules Sealed with 4501	2.0m wide 0.25m thick	Pottery Clay pipe
4508	Fill of Ditch 4509	Friable, light grey-yellow sandy clays, root disturbance on eastern side. Rare small angular flint nodules, poorly sorted	1.72m wide 0.34m thick	-
4509	Ditch Filled with 4506-8	Aligned N-S, narrow concave base, gradual slopes and eroded upper edges	2.0m wide 0.50m deep	-





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