RED SCAR BUSINESS PARK, PRESTON, LANCASHIRE

EVALUATION REPORT

CP. NO: 935/09

23/10/2009

NORTH PENNINES ARCHAEOLOGY LTD
NENTHEAD MINES HERITAGE CENTRE,
NENTHEAD,
ALSTON,
CUMBRIA,
CA9 3PD
TEL/FAX: (01434) 382045/043
WWW.NPARCHAEOLOGY.CO.UK

NORTH PENNINES ARCHAEOLOGY LTD

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Quality Assurance

This report covers works as outlined in the brief for the above-named project as issued by the relevant authority, and as outlined in the agreed programme of works. Any deviation to the programme of works has been agreed by all parties. The works have been carried out according to the guidelines set out in the Institute for Archaeologists (IfA) Standards, Policy Statements and Codes of Conduct. The report has been prepared in keeping with the guidance set out by North Pennines Archaeology Ltd on the preparation of reports.

REVISION SCHEDULE			
	01	**02**	**03**
PREPARED BY: **POSITION:** **DATE:**	Tony Liddell Supervisor 23/10/2009		
EDITED BY: **POSITION:** **DATE:**	Frank Giecco Principal Archaeologist 23/10/2009		
APPROVED BY: **POSITION:** **DATE:**	Matthew Town Project Manager 23/10/2009		

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SUMMARY

In September 2009, North Pennines Archaeology Limited undertook an archaeological evaluation at Red Scar Business Park, Longridge Road, Preston, Lancashire (NGR: SD 5786 3183). This was at the request of Wardell Armstrong LLP on behalf of Tustin Developments, and was in advance of the expansion of the business park.

The development site lay in the city of Preston, Lancashire, on the south side of the B6243, Longridge Road bounded on the west by the M6, Preston Crematorium to the east, Pope Lane to the south and the current Business Park to the north. An Archaeological Impact Assessment was produced (Hodgkinson 2005), which found evidence to suggest that the development site may have contained prehistoric and Roman remains based on its proximity to the Roman Road from Ribchester to Poulton-le-Fylde and its general topography close to the River Ribble and south-facing aspect.

The field evaluation was to consist of the excavation of ninety linear trial trenches which were excavated in order to produce a predictive model of surviving archaeological remains detailing zones of relevant importance against known development proposals. However, eleven of these were abandoned due to either their location on a working road or within an area of made-up ground identified by the surrounding trenches. The location and size of the trial trenches were agreed by Lancashire County Archaeology Service, and were determined to evaluate 4% of the 14 hectare development site.

The trenching located a c.90m wide gorge or shallow valley running east-west near the northern end of the development area. The made ground/backfill consisted of a modern mix of clays, sands, brick and refuse materials indicative that the gorge was filled within the last 30 years. A further shallow gully or backfilled natural bog/pond was located via trenching towards the southwest of the site, again backfilled with materials indicative of modern activity. The finding of modern activity is further backed up by the knowledge that the site was bulldozed and further licensed dumping has taken place within a month or two previous to the evaluation starting.

The excavation of the majority of the trenches produced uniform ceramic field drains of late 19th century date cut into the natural substrate. The network and sheer scale of the drainage system suggests that the development area is prone to high water levels and potentially poor drainage in antiquity. This may account for the lack of human occupation on the site in the archaeological record.

No archaeological features of interest were observed in any of the trenches. The majority of finds were of modern date, with the exception of three sherds of degraded medieval pottery found within the topsoil of Trench 3, in the northern extent of the site. However, due to the nature of the topsoil, the context was categorized as unstratified, and no conclusion can be drawn from the presence of the pottery. No

evidence of the potential prehistoric promontory fort in the eastern section of the development area suggested in the Historic Environment Record was found.

The potential for prehistoric, Roman, medieval and post-medieval activity elsewhere on the development site is classified as low due to the lack of any archaeological evidence within the sample trenching. Given the number of trenches and lack of any archaeological features it is recommended that no further work takes place.

ACKNOWLEDGEMENTS

North Pennines Archaeology Ltd would like to thank Andrew Roberts of Tustin Developments for commissioning the project and Helen Martin-Bacon and Dave Hodgkinson of Wardell Armstrong LLP for their help and assistance throughout the work.

NPA Ltd would also like to thank Douglas Moir of the Lancashire County Archaeology Service for all his help and assistance throughout the project.

The archaeological evaluation was undertaken by Tony Liddell, Nigel Cavanagh, Natalie Ward, Michael McElligott, Helen Noakes, Kevin Mounsey, Claire Casey, Joe Doran, Keir Strickland and Sabrina Gillman. The report was written and the drawings produced by Tony Liddell. The project was managed by Frank Giecco, Technical Director for NPA Ltd. The report was edited by Matt Town, Project Manager for NPA Ltd.

1 INTRODUCTION

1.1 CIRCUMSTANCES OF THE PROJECT

1.1.1 In September 2009, North Pennines Archaeology Limited undertook an archaeological evaluation at Red Scar Business Park, Longridge Road, Preston, Lancashire. This was at the request of Wardell Armstrong LLP, acting on behalf of Tustin Developments, and was in advance of the expansion of the business park (NGR: SD 5786 3183; Figure 1).

1.1.2 The development site lies in the city of Preston, Lancashire, on the south side of the B6243, Longridge Road bounded on the west by the M6, Preston Crematorium to the east, Pope Lane to the south and the current Business Park to the north.

1.1.3 An Archaeological Impact Assessment was produced (Wardell Armstrong 2005), which found evidence to suggest that the development site may have contained prehistoric and Roman remains based on its proximity to the Roman Road from Ribchester to Dowbridge, Kirkam and its general topography close to the River Ribble and south-facing aspect.

1.1.4 This report sets out the results of the work in the form of a short document outlining the findings, followed by a statement of the archaeological potential of the area, an assessment of the impact of the proposed development, and recommendations for further work.

2 METHODOLOGY

2.1 ARCHAEOLOGICAL IMPACT ASSESSMENT

2.1.1 An Archaeological Impact Assessment (Hodgkinson 2005) and subsequent trench location plan was submitted by Wardell Amstrong LLP in response to an archaeological evaluation brief issued by Lancashire County Archaeology Service (Moir 2009), for an archaeological evaluation of the development area.

2.1.2 Following acceptance of the trench location plan by Lancashire County Archaeology Service, North Pennines Archaeology Ltd was commissioned by Wardell Armstrong LLP on behalf of Tustin Developments to undertake the work. The project design was adhered to in full, and the work was consistent with the relevant standards and procedures of the Institute for Archaeologists (IfA), and generally accepted best practice.

2.2 ARCHAEOLOGICAL EVALUATION

2.2.1 The field evaluation was to consist of the excavation of ninety linear trial trenches, Trenches 1-90 (Figure 2), which were excavated in order to produce a predictive model of surviving archaeological remains detailing zones of relevant importance against known development proposals. However, eleven of these were abandoned due to either their location on a working road or within an area of made-up ground identified by the surrounding trenches.

2.2.2 The location and size of the trial trenches were agreed by Lancashire County Archaeology Service (Moir 2009), and were determined to evaluate 4% of the 14ha development site.

2.2.3 The dimensions of these trenches were 30m in length and 2.00m in width, unless the depth of the trenches exceeded health and safety levels whereupon the length of the trenches were truncated.

2.2.4 The aims of the evaluation can be summarised as follows:

- to establish the presence/absence, nature, extent and state of preservation of archaeological remains and to record these where they are observed;
- to establish the character of those features in terms of cuts, soil matrices and interfaces;
- to recover artefactual material, especially that useful for dating purposes;

- to recover palaeoenvironmental material where it survives in order to understand site and landscape formation processes.

2.3 METHODOLOGY

2.3.1 The trenches were excavated by a mechanical excavator equipped with a toothless 2m wide ditching bucket, under archaeological supervision, to the top of the natural substrate. Each trench was then manually cleaned and any putative archaeological features investigated and recorded according to the North Pennines Archaeology Ltd standard procedure as set out in the NPA Excavation Manual (Giecco 2003).

2.3.2 A photographic record was made using digital photography, 400 ISO Black and White print and 200 ISO Colour Slide film.

2.3.3 All spoil was surveyed by a metal detector set for non-ferrous detection.

2.3.4 All work was undertaken in accordance with the Institute for Archaeologists Standards and Guidance for Archaeological Field Evaluations (IfA 2002).

2.4 THE ARCHIVE

2.4.1 A full professional archive has been compiled in accordance with the specification, and in line with current UKIC (1990) and English Heritage Guidelines (1991) and according to the Archaeological Archives Forum recommendations (Brown 2007). The archive, including the physical and paper archive and copies of the report, will be sent to Lancashire County Archaeology Service, and will be made available upon request. The archive can be accessed under the unique project identifier NPA09, RED-A, CP 935/09.

2.4.2 North Pennines Archaeology supports the **O**nline **A**cces**S** to the **I**ndex of Archaeological Investigation**S** (**OASIS**) project. This project aims to provide an on-line index and access to the extensive and expanding body of grey literature, created as a result of developer-funded archaeological work. As a result, details of the results of this project will be made available by North Pennines Archaeology, and can be accessed under the unique identification number *northpen3- 65833*.

3 BACKGROUND

3.1 LOCATION AND GEOLOGICAL CONTEXT

3.1.1 The site lies 4.5km north of Preston city centre on the southern side of the B6243, Longridge Road, Preston, Lancashire. The site is at a height of approximately 55m above sea level (NGR: SD 5786 3183; Figure 1).

3.1.2 The underlying solid geology within the area comprises Mercia Mudstones overlain by glacial till (Hodgkinson 2005).

3.2 HISTORICAL CONTEXT

3.2.1 *Introduction:* this historical background is compiled mostly from secondary sources, and is intended only as a brief summary of historical developments specific to the study area, coupled with the SMR data contained within the Archaeological Impact Assessment (Hodgkinson 2005) showing all historical sites within a radius of 0.5km of the development area.

3.2.2 *Prehistoric:* two spectulative prehistoric entries in the SMR exist in the near vicinity. Both entries indicate possible promontory forts or other enclosures (SMR 15242 at NGR SD 58150 31970 and 15241 NGR SD 58400 31450). A probable settlement site dating to the early Bronze Age is also located at Lower Brockholes Quarry, 1km to the south (Cavanagh, forthcoming).

3.2.3 *Roman*: to the north of the development site is the presumed course of a Roman Road which ran from Ribchester to Dowbridge, Kirkam (SMR 25301, 23704, 11360, 3174). While this road doesn't run through the development site itself, associated Roman features could have been present.

3.2.4 *Medieval*: the site of Ribbleton Hall Farm (SMR 1715), thought to predate 1559 and now the site of a modern school is situated south-west of the development area at NGR SD 57180 31320. The farm is thought to occupy the site of the original Ribbleton Hall, though no physical evidence remains of the fact.

3.2.5 *Post Medieval*: to the east of the development area lies the site of Red Scar House (SMR 13689, 4377, 1712), initially dating from the Elizabethan period but now demolished.

3.2.6 Three clay pits are also noted in the vicinity of the development area (SMR 22813-22815); there was also a well (SMR 20708), an observatory (SMR 22812), and a sand pit (SMR 6458), all of which were visible on the First Edition Ordnance Survey of c.1860.

3.2.7 *Modern:* the north-western outskirts of the development area may still lie within the boundary of Preston Coatings factory, boiler house and chimney which was demolished in the late 1970s or early 1980s.

3.2.8 The site contains a number of modern service features including Preston Borough Foul Sewer. Licensed dumping of materials on the site has also produced considerable overburden.

3.2.9 No Listed Buildings or Scheduled Ancients Monuments exist within the development area.

3.3 PREVIOUS WORK

3.3.1 Archaeological investigations have not previously been noted within the development area, although numerous archaeological investigations have been conducted in the near vicinity.

3.3.2 An Archaeological Impact Assessment of the proposed development on the surrounding landscape was conducted by Wardell Armstrong LLP in 2005. This assessment incorporated a 0.5km radius from the site boundary.

3.3.3 The Archaeological Impact Assessment found evidence for a total of 17 sites within both the environs of the development (up to a 0.5km buffer zone), and within the development footprint. These comprised 2 potential prehistoric sites, 4 Roman (course of a road in four locations), 1 medieval site, 9 post-medieval and 1 sites of an unknown date.

3.3.4 Of these, one archaeological site was identified within the proposed development area. This site was potentially prehistoric, perhaps relating to a promontory fort or enclosure.

3.3.5 An archaeological desk based assessment was undertaken by Minerva Heritage Ltd at the adjacent Preston Crematorium site, formerly the site of Red Scar House.

3.3.6 A probable settlement site dating to the early Bronze Age has recently been excavated at Lower Brockholes Quarry, 1km to the south of the development area (Cavanagh, forthcoming).

4 EVALUATION RESULTS

4.1 INTRODUCTION

4.1.1 The excavation of trenches down to the first archaeological horizon, followed by further hand excavation of potential archaeological features permitted an examination of any prospective archaeological remains. All trench locations are depicted in Figure 2.

4.1.2 Where the evaluation work deviated from the archaeological evaluation brief (Moir 2009), all deviations were first agreed with the client and Lancashire County Archaeology Service representative (Moir *pers.comm*). The specifics are detailed below.

4.1.3 A summary of all trench details can be examined in Appendix 2.

4.1.4 A selection of representative section drawings can be examined in Figure 4.

Plate 1. *The site, prior to excavation, looking south.*

4.2 TRENCHES 1-5, 90: NORTH OF THE GORGE

4.2.1 Trenches 1-5 and 90 all measured 30.00m in length and 2.00m in width, and mark the northern edge of a sudden dip in natural ground, indicating the extremities of a valley or gorge encompassing most of the northern section of the site (Figure 3).

4.2.2 The natural substrate was found to be a compact mottled orange/grey sandy clay, context (**101**) and averaged a depth of 0.65m below the current surface, dropping to 1.40m below in Trench 5. Sealing the natural was a layer of redeposited subsoil, context (**102**), which averaged a thickness of 0.30m. Context (**102**) was sealed by a redeposited layer of black/grey sandy loam, context (**100**), varying between 0.15m and 0.35m deep.

4.2.3 Three late 19th century ceramic land-drains were observed cut into the natural substrate in Trenches 2 and 90, eight in Trench 3 and one in Trench 5. None of the trenches held any archaeological features.

4.2.4 Three sherds of degraded medieval pottery were found unstratified in the topsoil (**100**). Numerous modern artefacts, including ceramics, tile and plastic were also found.

***Plate 2**. Trench 1, looking east, post-cleaning.*

***Plate 3**. Trench 90, looking east, post-cleaning.*

4.3 TRENCHES 6- 18, 76, 79, 80-88: THE GORGE

4.3.1 Trenches 6-18 were excavated east of the new service road running north-south through the site. Trench 6 measured 6.50m in length and 2.00m in width, and lay within the cut for a backfilled valley or gorge (Figure 3). The trench was not excavated to its full length due to its depth: the 6.50m long test trench produced a depth of over 6.50m, with no natural substrate observed. The trench was not excavated deeper due to reaching the full reach of the mechanical excavator.

4.3.2 The primary context of this trench was a modern industrial backfill, context (**103**), which included stone, brick, clay, plastic and other modern deposits. Sealing this was a thin 0.10m depth of rough topsoil and turf, context (**100**).

4.3.3 Trench 8 measured 6.00m in length, Trench 10 to 8.00m in length, Trench 11 and 12 to 6.50m in length, Trench 13 to 5.00m in length, Trench 14 to 3.00m

in length and Trench 18 to 3.70m in length. All trenches were cut to 2.00m in width, and lay within the cut for a backfilled valley or gorge: the reason that the trenches were not cut to their full length.

4.3.4 Natural substrate, clay (**101**) was found 3.50m below the current ground surface in Trench 10, at 3.10m below the surface in Trench 11, at c.5.00m depth in Trench 12 and at 2.50m below in Trench 18. Natural substrate was not observed in Trench 8, which was cut to 6.00m in depth, Trench 13 or 14, both excavated to a depth of 4.5m.

4.3.5 All trenches in this area had a primary deposit of context (**103**), grey/black and brown mottled clay contaminated with modern waste and brick, over which was a thin layer of context (**100**), grey/black sandy loam topsoil and sparse turf, averaging a thickness of 0.10m.

4.3.6 One 19th century ceramic field drain was found to be cut into the natural substrate in Trench 11 at a depth of 3.10m. None of the trenches contained any archaeological deposits or features.

4.3.7 Trenches 7, 9, 15, 16 and 17 were not excavated due to being within the area demarcated as within the backfilled gorge. This was agreed upon during an on-site meeting with the client and the representative of Lancashire County Archaeology Service.

4.3.8 Trenches 76, 79 and 80-88 were excavated on the west side of the new service road running north-south through the site. Like the trenches on the east side, the full lengths were not excavated due to the depths and instability of the made ground.

4.3.9 Trench 76 was cut to a depth of 2.80m before reaching natural clay (**101**). Over this was a highly disturbed deposit of grey/black clay, sand, gravel, brick and modern industrial waste (**103**), with no discernable differentiated topsoil. Trench 79 followed the same stratigraphical makeup, with the natural at 2.90m below the current surface and Trench 80 with the natural at 2.50m. Trench 81 was excavated to a depth of 2.90m and Trench 82 to c.3.00m depth. Trench 83 deepened to 3.50m, but natural was not exposed: the compact deposit of (**103**) contained too much rubble to be easily removed by the mechanical excavator at this depth.

4.3.10 Trenches 84-88 were not excavated due to their placement over modern working roads, and their proximity to mains servicing and embanked overburden meant that relocating in the immediate vicinity was not possible.

4.3.11 Numerous modern artefacts, including ceramics, tile and plastic were observed in the topsoil and industrial backfill. No archaeological deposits, field drains or artefacts of interest were found within these trenches.

***Plate 4**. Trench 13, section: 4.50m deep.*

***Plate 5**. Trench 14. Within 6 hours of the trench being excavated, its 4.50m depth had been filled with water, demonstrating the unstable and damp nature of the made-ground.*

***Plate 6**. Trench 82, showing 3.00m depth of trench.*

4.4 TRENCHES 19-25, 74-75, 77-78, 89: SOUTH OF THE GORGE

4.4.1 Trenches 19-24 all measured 30.00m in length and 2.00m in width, and mark the southern edge of a valley or gorge encompassing most of the northern section of the site (Figure 3) on an east-west alignment, observed in Trenches 6-18. These trenches were all excavated on the east side of the modern service road running north-south through the site.

4.4.2 Trenches 19 and 22 mark the edge of the backfilled gorge, with Trench 19 measuring 1.40m depth before reaching natural substrate (**101**) and Trench 22 1.00m depth before reaching natural. In contrast, Trenches 20, 21-22 and 24 measured an average depth of 0.50m.

4.4.3 Over the natural substrate in these trenches was a mixed reddish-brown silty clay and grey/black sandy silt subsoil (**102**). Covering the subsoil was grey/brown sandy loam topsoil (**101**), which sealed the subsoil with a depth averaging 0.10m.

4.4.4 Trench 25 was excavated to 23.00m in length and 2.00m in width, the full extent of the trench not cut due to its proximity to a modern deep storm drain running parallel to the service road. The natural substrate, content

(**101**) was encountered at 0.40m below the current surface and was overlain by a single deposit of topsoil (**100**). There was no discernable subsoil in the trench, perhaps indicating recent disturbance of the area.

4.4.5 Trenches 20 and 21 were excavated over the area thought to contain the remains of a prehistoric promontory fort (SMR 15242). No evidence of any human habitation was found in the evaluation of this area.

4.4.6 One field drain was found to be cut into the natural substrate in Trench 19, one in Trench 20, three in Trench 23 and one in Trench 25. None of the trenches contained any archaeological deposits or features.

4.4.7 Trenches 74-78 and 89 were excavated on the western side of the modern service road. All the trenches were excavated to 30.00m in length and 2.00m in width; Trench 74 was the shallowest, with a maximum depth of 0.45m below the current ground surface. Trench 75 was found to be 1.10m in depth, Trench 76 2.80m in depth, Trench 77 1.60m in depth, Trench 78 1.40m in depth and Trench 89 1.50m in depth.

4.4.8 The natural substrate was sealed beneath a deposit of grey/brown sandy subsoil (**102**) in Trench 74, overlain by a 0.15m depth of grey/black sandy loam topsoil, context (**100**). The other trenches comprised an amorphous layer of context (**103**), a grey/black clay, sand, gravel and modern debris matrix with no discernable separate topsoil strata.

4.4.9 Two field drains were found cut into the natural clay in Trench 74, one in Trench 75, three in Trench 77 and one in Trench 78.

4.4.10 In Trench 89, the remains of a modern steel reinforced concrete tank was discovered still cut into the natural clay. The tank was filled with heavily contaminated water and hydrocarbons and the backfill, context (**103**) held a heavy concentration of broken steel reinforcing. The strata above and around the tank were highly unstable due to the material having been deposited over and in a water filled tank. This feature presumably dates to the Preston Coatings factory, demolished in the 1970s or '80s.

4.4.11 Numerous modern artefacts, including ceramics, tile and plastic were observed in the topsoil where present and the general modern backfill/made ground.

***Plate 7**. Cleaning of Trench 19 underway, looking east.*

***Plate 8**. Hydrocarbon fluid buildup in Trench 78.*

4.5 TRENCHES 26-44

4.5.1 Trenches 26-44 all measured 30.00m in length and 2.00m in width and were a representative sample of potentially undisturbed land south of the gorge.

4.5.2 The trenches all measured an average depth of 0.50m, cut down to the natural orange/brown compact clay natural (**101**). The minimum depth of trench was 0.40m in Trenches 26 and 27, dropping to a maximum of 1.10m in Trench 37.

4.5.3 One ceramic 19th century field drain was found to be cut into the natural substrate in Trench 27, three in Trench 28, two in Trench 29, two in Trench 30, six in Trench 31, three in Trench 32, five in Trench 36, two in Trench 37, one in Trench 38, three in Trench 39, four in Trenches 40 and 41, and one in Trenches 42, 43 and 44. None of the trenches contained any archaeological deposits or features.

4.5.4 Numerous modern artefacts, including ceramics, tile and plastic were observed in the topsoil.

4.5.5 Trench 33 was not excavated due to its placement over a section of the deep-cut Preston Borough Foul Sewer, running approximately east-west across this part of the site.

***Plate 9**. Trench 36, looking north.*

4.6 TRENCHES 45-61: SOUTHERN EXTREMITY OF SITE

4.6.1 Trenches 45-61 all measured 30.00m in length and 2.00m in width and were a representative sample of land at the southern extremity of the

development area thought to have been mostly undisturbed by previous human activity.

4.6.2 The trenches all measured an average minimum depth of 0.40m, cut down to the natural orange/brown compact clay natural (**101**). The minimum depth of trench was 0.30m in Trenches 46, 47, 49 and 50 dropping to a maximum of 0.95m in Trench 57. Over the natural substrate was context (**102**), a layer of grey/brown silty subsoil, averaging a thickness of 0.20m, and sealing this was an average layer thickness of 0.15m of topsoil and turf, context (**100**).

4.6.3 Three 19th century ceramic field drains were present cut into the natural substrate in Trench 45, one in Trench 46, four in Trench 47, three in Trench 48, two in Trench 49, five in Trench 50, four in Trenches 51, 52 and 53, two in Trench 54, one in Trench 55, two in Trenches 56 and 57, five in Trench 58, three in Trench 59, five in Trench 60 and two in Trench 61.

4.6.4 No archaeological deposits, artefacts or modern refuse items were observed in this area, suggesting that unlike areas to the north, the southern extremities had not been used for modern dumping.

Plate 10. *Trench 59, looking west.*

4.7 TRENCHES 62-66: SOUTH OF GULLY

4.7.1 Trenches 62-66 all measured 30.00m in length and 2.00m in width and were located in the south-west section of the site, south of a narrow gully or gorge

located in Trench 67 and in an area with visible modern disturbance in the topsoil.

4.7.2 Trenches 62 and 66 remained similar in nature to the trenches south of this area, with a minimum depth of 0.30m in Trench 62 and 0.45m in Trench 66, and a maximum depth of 0.60m in Trench 62 and 0.80m in Trench 66 before exposing the natural clay. Over this was a deposit of grey/brown sandy subsoil (**102**), sealed by a layer of topsoil (**100**), averaging 0.15m in depth.

4.7.3 Trenches 63 and 64 were more disturbed in nature, though the same overall depth as Trench 62. Instead of a subsoil layer overlying the natural, there was a disturbed layer of brown/grey silty topsoil (**100**) with frequent modern inclusions, indicating recent disturbance in this area.

4.7.4 Trench 65 was noticeably deeper in nature than the surrounding trenches, and marks the southern boundary of a gorge or gully located in Trench 67. The trench ran for a shallow 0.80m in depth at its southernmost extreme to c.2.00m in depth at its northernmost. Over the natural substrate was a deposit of black/gray sandy clay subsoil with frequent inclusions of decomposing vegetation, and over this was a c.0.30m thick layer of disturbed topsoil, context (**100**).

4.7.5 Four ceramic late 19th century field drains were located in Trench 62, five in Trench 63, three in Trench 64 and one in Trench 66.

4.7.6 Numerous modern artefacts, including ceramics, tile and plastic were observed in the topsoil. No archaeological deposits were found within these trenches.

Plate 11. *Trench 63, looking north.*

4.8 TRENCH 67: GULLY

4.8.1 Trench 67 measured 10m in length and 2m in width and located a backfilled gully or marsh area. The full trench length was not excavated due to the depth and instability of the deposits.

4.8.2 Natural clay (**101**) was exposed at 4.10m below the current ground surface, and was seen to contain a tree bole with decomposing roots still present. The trench revealed that the gully had been backfilled in modern times, with the 4.10m depth of overburden, context (**103**), consisting of clay, sand, gravel and modern rubble. No visible differentiation existed between the backfill and any topsoil layer.

4.8.3 Numerous modern artefacts, including tile and plastic were observed in the backfill. Upon excavation of the trench, the open hole began to fill with water contaminated by oil and other hydrocarbons. No archaeological deposits were found within the trench.

4.9 TRENCHES 68-73: NORTH OF GULLY

4.9.1 Trenches 68-73 were excavated in the area north of Trench 67. All trenches measured 30.00m in length and 2.00m in width. Trench 69 was the most shallow of the trenches, with a maximum depth of 0.53m and a minimum depth of 0.35m before reaching natural clay (**101**); Trench 68 was the deepest of the trenches, with a maximum depth of 1.20m and a minimum depth of 0.60m – the latter was to be expected due to its close proximity to the gully in Trench 67.

4.9.2 In Trenches 68, 69 and 70 there was a layer of grey/brown silty subsoil (**102**) overlying the natural to an average thickness of 0.20m, sealed by a 0.15m thick deposit of topsoil (**100**). In Trenches 71, 72 and 73, there was an undifferentiated strata of made-ground (**103**) over the natural clay, and in Trench 72 the made ground was sealed by 0.15m depth of disturbed topsoil (**100**).

4.9.3 Two field drains were present cut into the natural in Trench 69, one in Trench 70, two in Trench 72 and four in Trench 73. Trench 68 contained highly contaminated fluids. No archaeological deposits were found within these trenches.

***Plate 12**. Trench 69, looking northeast.*

5 CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

5.1.1 The trenching located a c.90m wide gorge or shallow valley running east-west near the northern end of the development area. The made ground/backfill consisted of a modern mix of clays, sands, brick and refuse materials indicating that the gorge was filled within the last 30 years.

5.1.2 A further shallow gully or backfilled natural bog/pond was located via trenching towards the southwest of the site, again backfilled with materials indicative of modern activity. The finding of modern activity is further backed up by the knowledge that the site was bulldozed and further licensed dumping has taken place within a month or two previous to the evaluation starting.

5.1.3 The excavation of the majority of the trenches produced uniform ceramic u-shaped late 19th century field drains cut into the natural substrate. The network and sheer scale of the drainage system suggests that the development area is prone to high water levels and potentially poor drainage in antiquity. This may account for the lack of human presence on the site in the archaeological record.

5.1.4 No archaeological features of interest were observed in any of the trenches. The majority of finds were of modern date, with the exception of three sherds of degraded medieval pottery found within the topsoil of Trench 3, in the northern extent of the site. However, due to the nature of the topsoil, the context was categorized as unstratified, and no conclusion can be drawn from the presence of the pottery. No evidence of the potential prehistoric promontory fort in the eastern section of the development area suggested in the Historic Environment Record was found. It is likely that this HER entry is spurious.

5.1.5 The potential for prehistoric, Roman, medieval and post-medieval activity elsewhere on the development site is classified as low due to the lack of any archaeological evidence within the sample trenching.

5.2 RECOMMENDATIONS

5.1.1 Given the number of trenches and lack of any archaeological features it is recommended that no further work takes place.

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APPENDIX 1: CONTEXT TABLE

Context	Context Type	Description
(100)	Deposit	Black/grey/brown silty loam topsoil
(101)	Natural Substrate	Brown/orange/grey compact sandy clay
(102)	Deposit	Brown/grey/black silty subsoil
(103)	Deposit	Made ground; mixed clay, gravel, sand and modern debris

***Table 1**. List of Contexts issued during the Evaluation*

APPENDIX 2: TRENCH SUMMARY

Trench:	1	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.10m	**Minimum Depth**:	0.70m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.50m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.20m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.70m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present.								

Trench:	2	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.85m	**Minimum Depth**:	0.80m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.35m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.45m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.80m
Trench Alignment (long axis):			EW						
Description:	3 land drains present in trench, 0.20m wide.								

Trench:	3	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.90m	**Minimum Depth**:	0.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.32m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.18m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.50m
Trench Alignment (long axis):			NS						
Description:	8 land drains present, measuring between 0.15 and 0.25m in width. 1 degraded sherd of potential Roman pottery from topsoil.								

Trench:	4	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.30m	**Minimum Depth**:	0.60m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.15m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.45m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.60m
Trench Alignment (long axis):			NS						
Description:	0.30m depth of redeposited clay over natural substrate. No archaeological deposits or features present.								

Trench:	5	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.60m	**Minimum Depth**:	1.40m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black soft sandy silt							**Depth**:	1.30m
Natural:	Orange/grey compact sandy clay							**Depth**:	1.40m
Trench Alignment (long axis):	EW								
Description:	1m depth of redeposited clay over natural substrate. 1 land drain measuring 0.20m in width.								

Trench:	6	**Width**:	2m	**Length**:	6.50m	**Maximum Depth**:	6.50m	**Minimum Depth**:	6.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	6.40m+
Trench Alignment (long axis):	EW								
Description:	Depth of subsoil and redeposited clay too deep to allow for investigation.								

Trench:	7
Description:	Not excavated

Trench:	8	**Width**:	2m	**Length**:	6m	**Maximum Depth**:	6.00m	**Minimum Depth**:	6.00m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	6.00m+
Trench Alignment (long axis):	EW								
Description:	Depth of subsoil and redeposited clay too deep to allow for investigation. Natural not reached.								

Trench:	9
Description:	Not excavated

Trench:	10	**Width**:	2m	**Length**:	8m	**Maximum Depth**:	3.50m	**Minimum Depth**:	3.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	3.40m
Natural:	Orange/grey compact clay							**Depth**:	3.50m
Trench Alignment (long axis):	NS								
Description:	Depth of subsoil and redeposited clay too deep to allow for investigation.								

Trench:	11	**Width**:	2m	**Length**:	6.5m	**Maximum Depth**:	3.10m	**Minimum Depth**:	3.10m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	3.00m
Natural:	Orange/grey compact sandy clay							**Depth**:	3.10m
Trench Alignment (long axis):				EW					
Description:	Depth of 3.10m + redeposited clay beneath topsoil. Depth of subsoil and redeposited clay too deep to allow for investigation. 1 field drain present cut in natural.								

Trench:	12	**Width**:	2m	**Length**:	6.5m	**Maximum Depth**:	5.0m	**Minimum Depth**:	5.0m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	4.90m
Natural:	Yellow/brown compact sandy clay							**Depth**:	c.5.0m
Trench Alignment (long axis):				EW					
Description:	Depth of subsoil and redeposited clay too deep to allow for investigation.								

Trench:	13	**Width**:	2m	**Length**:	5m	**Maximum Depth**:	4.50m	**Minimum Depth**:	4.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	4.40m+
Trench Alignment (long axis):				EW					
Description:	Depth of subsoil and re-deposited clay too deep to allow for investigation. Natural not reached.								

Trench:	14	**Width**:	2m	**Length**:	3m	**Maximum Depth**:	4.50m	**Minimum Depth**:	4.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	4.40m+
Trench Alignment (long axis):				EW					
Description:	Depth of subsoil and re-deposited clay too deep to allow for investigation. Natural not reached.								

Trench:	15
Description:	Not excavated

Trench:	16
Description:	Not excavated

Trench:	17
Description:	Not excavated

Trench:	18	**Width**:	2m	**Length**:	3.7m	**Maximum Depth**:	2.50m	**Minimum Depth**:	2.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/black/brown clay and industrial waste							**Depth**:	2.40m
Natural:	Orange/brown compact sandy clay							**Depth**:	2.50m
Trench Alignment (long axis):	NS								
Description:	Depth of subsoil and re-deposited clay too deep to allow for investigation.								

Trench:	19	**Width**:	2m	**Length**:	20m	**Maximum Depth**:	1.60m	**Minimum Depth**:	1.40m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.05m
Subsoil:	Reddish/brown clay							**Depth**:	1.35m
Natural:	Orange/grey compact sandy clay							**Depth**:	1.40m
Trench Alignment (long axis):	EW								
Description:	1 field drain present measuring 0.20m in width								

Trench:	20	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.00m	**Minimum Depth**:	0.50m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Reddish/brown clay							**Depth**:	0.40m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.50m
Trench Alignment (long axis):	EW								
Description:	1 field drain present, cut 3.8m in width.								

Trench:	21	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.95	**Minimum Depth**:	0.60m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Reddish/brown clay							**Depth**:	0.50m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.60m
Trench Alignment (long axis):			NS						
Description:	No archaeological deposits or features present.								

Trench:	22	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	2.50m	**Minimum Depth**:	1.0m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.25m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.25m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.50m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present.								

Trench:	23	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.00m	**Minimum Depth**:	0.70m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.30m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.20m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.70m
Trench Alignment (long axis):			NS						
Description:	3 land drains present, measuring 0.20m in width.								

Trench:	24	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.40m
Topsoil:	Dark brown loose sandy loam							**Depth**:	0.20m
Subsoil:	Reddish-brown clay							**Depth**:	0.20m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present.								

Trench:	25	**Width**:	2m	**Length**:	23m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.40m
Topsoil:	Dark brown loose sandy loam							**Depth**:	0.40m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	1 land drain measuring 0.20m in width.								

Trench:	26	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.50m	**Minimum Depth**:	0.40m
Topsoil:	Grey/brown loose silty loam							**Depth**:	0.07m
Subsoil:	Grey/brown loose silty sand							**Depth**:	0.33m
Natural:	Orange/brown compact silty clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	No archaeological features or deposits present.								

Trench:	27	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.70m	**Minimum Depth**:	0.40m
Topsoil:	Grey/brown loose silty loam							**Depth**:	0.28m
Subsoil:	Grey/brown loose silty sand							**Depth**:	0.12m
Natural:	Orange/brown compact silty clay							**Depth**:	0.40m
Trench Alignment (long axis):			NS						
Description:	1 field drain present measuring a width of 0.40m. 1 sub-angular cut present suggesting long-term animal burrow.								

Trench:	28	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.65m	**Minimum Depth**:	0.50n
Topsoil:	Black/brown silty clay							**Depth**:	0.15m
Subsoil:	Orange/brown silty clay							**Depth**:	0.35m
Natural:	Orange/brown compact clay							**Depth**:	0.50m
Trench Alignment (long axis):			EW						
Description:	3 field drains present measuring a width of 0.20m.								

Trench:	29	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.71m	**Minimum Depth**:	0.50m
Topsoil:	Black/brown silty clay							**Depth**:	0.08m
Subsoil:	Orange/brown silty clay							**Depth**:	0.42m
Natural:	Orange/brown compact clay							**Depth**:	0.50m
Trench Alignment (long axis):	NS								
Description:	2 field drains present measuring widths of 0.20m.								

Trench:	30	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.65m	**Minimum Depth**:	0.50m
Topsoil:	Black/brown silty clay							**Depth**:	0.20m
Subsoil:	Orange/brown silty clay							**Depth**:	0.30m
Natural:	Orange/brown compact clay							**Depth**:	0.50m
Trench Alignment (long axis):	NS								
Description:	2 cable cuts, 0.12m in width running parallel E-W.								

Trench:	31	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.80m	**Minimum Depth**:	0.40m
Topsoil:	Brown/black loose sandy loam							**Depth**:	0.10m
Subsoil:	Grey/brown silty sand							**Depth**:	0.30m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):	EW								
Description:	6 field drains present measuring widths of 0.20m.								

Trench:	32	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.55m	**Minimum Depth**:	0.50m
Topsoil:	Brown/grey loose silty sand							**Depth**:	0.10m
Subsoil:	Grey/brown silty sand							**Depth**:	0.40m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.50m
Trench Alignment (long axis):	NS								
Description:	3 field drains present measuring widths of 0.20m.								

Trench:	33
Description:	Not excavated.

Trench:	34	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.65m	**Minimum Depth**:	0.45m
Topsoil:	Grey/black loose sandy clay							**Depth**:	0.15m
Subsoil:	Grey/brown soft sandy clay							**Depth**:	0.30m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.45m
Trench Alignment (long axis):			NESW						
Description:	No archaeological deposits or features present.								

Trench:	35	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.75m	**Minimum Depth**:	0.55m
Topsoil:	Grey/black loose sandy clay							**Depth**:	0.08m
Subsoil:	Grey/black compact sandy clay							**Depth**:	0.47m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.55m
Trench Alignment (long axis):			EW						
Description:	5 field drains present measuring 0.20m in width.								

Trench:	36	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.30m
Topsoil:	Grey/black loose sandy clay							**Depth**:	0.10m
Subsoil:	Grey/black compact sandy clay							**Depth**:	0.20m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			NS						
Description:	4 field drains present measuring 0.20m in width.								

Trench:	37	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.10m	**Minimum Depth**:	0.70m
Topsoil:	Grey/brown moderately compact sandy silt							**Depth**:	0.15m
Subsoil:	Grey/brown moderately compact sandy silt							**Depth**:	0.55m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.70m
Trench Alignment (long axis):			NS						
Description:	2 field drains present measuring 0.25m in width.								

Trench:	38	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.40m
Topsoil:	Dark brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.20m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	1 field drain present measuring 0.25m in width.								

Trench:	39	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.40m
Topsoil:	Dark brown silty loam							**Depth**:	0.16m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.24m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			NS						
Description:	3 field drains present measuring 0.25m in width.								

Trench:	40	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.80m	**Minimum Depth**:	0.50m
Topsoil:	Grey/brown silty clay							**Depth**:	0.20m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.30m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.50m
Trench Alignment (long axis):			EW						
Description:	4 field drains present measuring 0.20m in width.								

Trench:	41	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.50m	**Minimum Depth**:	0.30m
Topsoil:	Black/brown sandy clay							**Depth**:	0.12m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.18m
Natural:	Yellow/grey compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			NS						
Description:	4 field drains present measuring 0.20m in width.								

Trench:	42	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.73m	**Minimum Depth**:	0.60m
Topsoil:	Black/brown sandy clay							**Depth**:	0.42m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.18m
Natural:	Yellow/grey compact sandy clay							**Depth**:	0.60m
Trench Alignment (long axis):			EW						
Description:	1 field drain present measuring 0.20m in width.								

Trench:	43	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.69m	**Minimum Depth**:	0.50m
Topsoil:	Brown sandy loam							**Depth**:	0.30m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.20m
Natural:	Yellow/grey compact sandy clay							**Depth**:	0.50m
Trench Alignment (long axis):			NS						
Description:	1 field drain present measuring 0.20m in width.								

Trench:	44	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.65m	**Minimum Depth**:	0.40m
Topsoil:	Grey/black loose sandy clay							**Depth**:	0.20m
Subsoil:	Grey/black soft sandy clay							**Depth**:	0.20m
Natural:	Orange/brown compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			NS						
Description:	3 field drains present measuring 0.20m in width.								

Trench:	45	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.45m	**Minimum Depth**:	0.35m
Topsoil:	Dark brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.15m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.35m
Trench Alignment (long axis):			EW						
Description:	3 field drains present measuring 0.20m in width.								

Trench:	46	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.50m	**Minimum Depth**:	0.30m
Topsoil:	Dark brown silty loam							**Depth**:	0.15m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.15m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	1 field drain present measuring 0.20m in width.								

Trench:	47	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.55m	**Minimum Depth**:	0.30m
Topsoil:	Dark brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.10m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			NS						
Description:	4 field drains present measuring 0.20m in width.								

Trench:	48	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.40m
Topsoil:	Dark brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.20m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			NS						
Description:	3 field drains present measuring 0.20m in width. 1 sterile ditch 1.20m wide and 0.35m deep, likely another drain.								

Trench:	49	**Width**:	3m	**Length**:	30m	**Maximum Depth**:	0.50m	**Minimum Depth**:	0.30m
Topsoil:	Grey/brown silty loam							**Depth**:	0.15m
Subsoil:	Grey/brown compact clay							**Depth**:	0.15m
Natural:	Orange/brown compact clay							**Depth**:	0.30m
Trench Alignment (long axis):			NWSE						
Description:	2 field drains present measuring 0.20m in width.								

Trench:	50	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.80m	**Minimum Depth**:	0.30m
Topsoil:	Grey/brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown compact clay							**Depth**:	0.10m
Natural:	Orange/brown compact clay							**Depth**:	0.30m
Trench Alignment (long axis):	EW								
Description:	5 field drains present measuring 0.20m in width.								

Trench:	51	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.45m	**Minimum Depth**:	0.35m
Topsoil:	Brown silty loam							**Depth**:	0.16m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.19m
Natural:	Orange/grey compact clay							**Depth**:	0.35m
Trench Alignment (long axis):	NS								
Description:	4 field drains present measuring 0.20m in width.								

Trench:	52	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.45m	**Minimum Depth**:	0.35m
Topsoil:	Grey/brown sandy silt							**Depth**:	0.50m
Subsoil:	Brown/grey sandy clay							**Depth**:	0.30m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):	EW								
Description:	4 field drains present measuring 0.20m in width.								

Trench:	53	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.45m	**Minimum Depth**:	0.35m
Topsoil:	Grey/brown sandy silt							**Depth**:	0.50m
Subsoil:	Brown/grey sandy clay							**Depth**:	0.30m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):	EW								
Description:	4 field drains present measuring 0.20m in width.								

Trench:	54	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.90m	**Minimum Depth**:	0.45m
Topsoil:	Dark brown silty loam							**Depth**:	0.50m
Subsoil:	Grey/brown silty clay							**Depth**:	0.30m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	2 field drains present measuring 0.20m in width.								

Trench:	55	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.40m	**Minimum Depth**:	0.40m
Topsoil:	Dark brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown silty clay							**Depth**:	0.20m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	1 field drain present measuring 0.20m in width.								

Trench:	56	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.80m	**Minimum Depth**:	0.40m
Topsoil:	Grey/brown silty loam							**Depth**:	0.35m
Subsoil:	Grey/black sandy clay							**Depth**:	0.05m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	2 field drains present measuring 0.20m in width.								

Trench:	57	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.95m	**Minimum Depth**:	0.40m
Topsoil:	Grey/brown silty loam							**Depth**:	0.30m
Subsoil:	Grey/black sandy clay							**Depth**:	0.10m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			NS						
Description:	2 field drains present measuring 0.20m in width.								

Trench:	58	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.50m	**Minimum Depth**:	0.25m
Topsoil:	Grey/brown silty loam							**Depth**:	0.10m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.15m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.25m
Trench Alignment (long axis):			EW						
Description:	5 field drains present measuring 0.20m in width.								

Trench:	59	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.50m	**Minimum Depth**:	0.30m
Topsoil:	Grey/brown silty loam							**Depth**:	0.08m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.22m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	3 field drains present measuring 0.20m in width.								

Trench:	60	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.90m	**Minimum Depth**:	0.30m
Topsoil:	Grey/brown silty loam							**Depth**:	0.15m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.15m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	5 field drains present measuring 0.20m in width.								

Trench:	61	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.05m	**Minimum Depth**:	0.30m
Topsoil:	Grey/brown silty loam							**Depth**:	0.15m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.15m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			NWSE						
Description:	2 field drains present measuring 0.20m in width, one of which runs from a modern culvert 0.8m in width.								

Trench:	62	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.30m
Topsoil:	Brown silty loam							**Depth**:	0.15m
Subsoil:	Grey/brown sandy silt							**Depth**:	0.15m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	4 land drains present in trench, 0.20m wide.								

Trench:	63	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.40m
Topsoil:	Brown/grey silt							**Depth**:	0.40m
Natural:	Yellow/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	5 land drains present in trench, 0.20m wide.								

Trench:	64	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.60m	**Minimum Depth**:	0.30m
Topsoil:	Brown/grey silt							**Depth**:	0.20m
Natural:	Yellow/grey compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			NS						
Description:	3 land drains present in trench, 0.20m wide. 1 cable trench 0.12m wide.								

Trench:	65	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	2.00m	**Minimum Depth**:	0.80m
Topsoil:	Grey/black loose sandy silt							**Depth**:	0.30m
Subsoil:	Grey/black sandy clay							**Depth**:	0.50m
Natural:	Orange/brown compact sandy clay							**Depth**:	0.80m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or remains.								

Trench:	66	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.80m	**Minimum Depth**:	0.45m
Topsoil:	Grey/brown silty loam							**Depth**:	0.20m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.25m
Natural:	Orange/brown sandy clay							**Depth**:	0.45m
Trench Alignment (long axis):	NS								
Description:	1 field drain present measuring 0.20m in width.								

Trench:	67	**Width**:	2m	**Length**:	10m	**Maximum Depth**:	4.10m	**Minimum Depth**:	3.80m
Topsoil:	Black/grey/brown sand, gravel and clay with modern rubble							**Depth**:	3.80m
Natural:	Orange compact clay							**Depth**:	3.80m
Trench Alignment (long axis):	EW								
Description:	Depth of overburden and re-deposited clay too deep to allow for investigation. Tree bole visible in clay natural.								

Trench:	68	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.20m	**Minimum Depth**:	0.60m
Topsoil:	Grey/brown silty clay							**Depth**:	0.20m
Subsoil:	Grey/brown silty clay							**Depth**:	0.20m
Natural:	Orange/brown compact clay							**Depth**:	0.20m
Trench Alignment (long axis):	EW								
Description:	No archaeological deposits or artefacts in this trench; contaminated water at western end.								

Trench:	69	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.53m	**Minimum Depth**:	0.35m
Topsoil:	Grey/brown silty loam							**Depth**:	0.15m
Subsoil:	Grey/brown sandy clay							**Depth**:	0.20m
Natural:	Orange/brown compact clay							**Depth**:	0.35m
Trench Alignment (long axis):	EW								
Description:	2 field drains present, measuring widths of 0.20m.								

Trench:	70	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.80m	**Minimum Depth**:	0.35m
Topsoil:	Grey/brown silty clay							**Depth**:	0.15m
Subsoil:	Grey/brown silty clay							**Depth**:	0.20m
Natural:	Orange/brown compact clay							**Depth**:	0.35m
Trench Alignment (long axis):			NS						
Description:	1 field drain present, measuring 0.20m in width.								

Trench:	71	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.62m	**Minimum Depth**:	0.15m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.15m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.15m
Trench Alignment (long axis):			NS						
Description:	2 field drains present measuring 0.20m in width.								

Trench:	72	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.70m	**Minimum Depth**:	0.30m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.15m
Subsoil:	Brown/black soft sandy silt, clay, gravel, oil and modern debris							**Depth**:	0.15m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	6 field drains present measuring 0.20m in width.								

Trench:	73	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.55m	**Minimum Depth**:	0.30m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.30m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.30m
Trench Alignment (long axis):			EW						
Description:	4 field drains present measuring 0.20m in width.								

Trench:	74	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.45m	**Minimum Depth**:	0.35m
Topsoil:	Grey/black loose sandy loam							**Depth**:	0.15m
Subsoil:	Grey/black soft sandy silt							**Depth**:	0.15m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.35m
Trench Alignment (long axis):			EW						
Description:	2 field drains present measuring 0.20m in width.								

Trench:	75	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.10m	**Minimum Depth**:	0.80m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	0.80m
Natural:	Yellow/brown compact sandy clay							**Depth**:	0.80m
Trench Alignment (long axis):			NS						
Description:	1 field drain present measuring 0.20m in width.								

Trench:	76	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	2.80m	**Minimum Depth**:	2.80m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	2.80m
Natural:	Yellow/brown compact sandy clay							**Depth**:	2.80m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present. Depth of overburden and re-deposited clay too deep to allow for investigation.								

Trench:	77	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.60m	**Minimum Depth**:	1.00m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	1.00m
Natural:	Yellow/brown compact sandy clay							**Depth**:	1.00m
Trench Alignment (long axis):			NS						
Description:	3 field drains present measuring 0.20m in width.								

Trench:	78	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.40m	**Minimum Depth**:	1.20m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	1.20m
Natural:	Yellow/brown compact sandy clay							**Depth**:	1.20m
Trench Alignment (long axis):			EW						
Description:	1 field drain present measuring 0.20m in width. Trench contaminated with oil and other chemicals.								

Trench:	79	**Width**:	2m	**Length**:	6m	**Maximum Depth**:	2.90m	**Minimum Depth**:	2.90m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	2.90m
Natural:	Yellow/brown compact sandy clay							**Depth**:	2.90m
Trench Alignment (long axis):			NS						
Description:	No archaeological deposits or features present. Trench contaminated with water, oil and other hydrocarbons.								

Trench:	80	**Width**:	2m	**Length**:	6m	**Maximum Depth**:	2.50m	**Minimum Depth**:	2.50m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	2.50m
Natural:	Yellow/brown compact sandy clay							**Depth**:	2.50m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present. Trench too deep and unstable to enter.								

Trench:	81	**Width**:	2m	**Length**:	6m	**Maximum Depth**:	2.90m	**Minimum Depth**:	2.90m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	2.90m
Natural:	Yellow/brown compact sandy clay							**Depth**:	2.90m
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present. Trench too deep and unstable to enter.								

Trench:	82	**Width**:	2m	**Length**:	6m	**Maximum Depth**:	3.00m	**Minimum Depth**:	3.00m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	3.00m
Natural:	Yellow/brown compact sandy clay							**Depth**:	3.00m
Trench Alignment (long axis):			NS						
Description:	No archaeological deposits or features present. Trench too deep and unstable to enter.								

Trench:	83	**Width**:	2m	**Length**:	6m	**Maximum Depth**:	3.50m	**Minimum Depth**:	3.50m
Topsoil:	Grey/black loose sandy clay and industrial waste and rubble							**Depth**:	3.50m+
Trench Alignment (long axis):			EW						
Description:	No archaeological deposits or features present. Trench too deep and unstable to enter. Natural was not found in this trench: excavation stopped due to hitting compact brick rubble at 3.50m depth below current surface.								

Trench:	84
Description:	Not excavated

Trench:	85
Description:	Not excavated

Trench:	86
Description:	Not excavated

Trench:	87
Description:	Not excavated

Trench:	88
Description:	Not excavated

Trench:	89	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	1.50m	**Minimum Depth**:	1.50m
Topsoil:	Grey/black loose sandy clay and industrial waste, rubble and a heavy concentration of steel reinforcing.							**Depth**:	1.50m
Natural:	Yellow/brown compact sandy clay							**Depth**:	1.50m
Trench Alignment (long axis):			EW						
Description:	Trench contained the remains of a modern concrete culvert/wall/tank and a heavy concentration of broken steel re-enforcing. The remains of the tank contained a depth of water, making the ground above it extremely unstable. The trench was too unstable to enter.								

Trench:	90	**Width**:	2m	**Length**:	30m	**Maximum Depth**:	0.75m	**Minimum Depth**:	0.40m
Topsoil:	Grey/black loose silty loam							**Depth**:	0.13m
Subsoil:	Grey/black sandy silt							**Depth**:	0.27m
Natural:	Orange/grey compact sandy clay							**Depth**:	0.40m
Trench Alignment (long axis):			EW						
Description:	3 field drains present measuring widths of 0.15m.								

***Table 2**. Trench Summaries*

APPENDIX 3: FIGURES