NORTH PENNINES ARCHAEOLOGY LTD

Client Report No. CP/471/07

ARCHAEOLOGICAL WALKOVER AND EVALUATION ON LAND AT CARLISLE AIRPORT, CUMBRIA

FOR WA DEVELOPMENTS LIMITED,

ACTING ON BEHALF OF STOBART AIR LTD.

NGR NY 481 607

Nicola Gaskell, BA (Hons)
North Pennines Archaeology Ltd
Nenthead Mines Heritage Centre
Nenthead
Alston
Cumbria CA9 3PD
Tel: (01434) 382045
Fax: (01434) 382294
Email: info@nparchaeology.co.uk

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EXECUTIVE SUMMARY

Between April and June 2007, North Pennines Archaeology Ltd undertook a walkover survey, geophysical survey and archaeological field evaluation on land at Carlisle Airport, Cumbria, at the request of WA Developments Ltd (NGR NY 481 607). The work required was outlined in an archaeological brief issued by Richard Newman, County Archaeologist for Cumbria County Council Historic Environment Services (CCCHES). The brief was issued as a response to a proposal put forward by WA Developments to realign the existing runway at Carlisle Airport and to construct a new terminal building. The present scheme of works follows a Cultural Heritage Desk Study Report compiled by Capita Symonds in November 2006, which outlined the historical significance and possible archaeological remains within the current boundary of the airport (Newman 2006).

A walkover survey of all the areas likely to be affected by the new development (WA Development Areas 1, 2 and 3) was undertaken, and the initial results formed the subject of an interim report (Sowerby 2007) submitted to WA Developments; the results of this survey also form part of this final report. The results of the geophysical surveys conducted at the airport form a separate report (Railton 2007). The objective of the trial trenches was to provide an even coverage of the development areas, in an attempt to cover a representative sample of the airport and to locate the presence of any archaeologically sensitive remains, and to ascertain their function.

The walkover survey demonstrated the survival of a very limited number of earthworks within the study area. These relate to post-medieval land management and at least two roadways, which were taken out during the construction of the airport during the Second World War. A number of concrete and brick built structures were also examined which directly relate to the airport, however their main functions remain unknown due to the limit of survey. The distinct lack of surviving earthworks can be attributed to a number of factors. It is clear from aerial photography that the land within the airport has been extensively ploughed both before and after the construction of the airport. Also the vegetation coverage was extensive, which partly concealed the ground surface. Since the production of the interim report, two further areas were subject to walkover survey, corresponding to the areas to the west and east of Areas 1 and 2, and south of the current runway (WA Development Area 4), although no additional sites were identified. In addition to the main survey, two fields to the west of the current airport were investigated, though due to the general agricultural usage of the land no surface archaeological features were noted. At the eastern side of the airport and adjacent to the main access road another small area was examined. Within that area is the projected line of the Stanegate; archaeological excavations undertaken in the 1930's confirmed the presence of the road, revealing a metalled surface in a deliberate man-made cut through a raised feature known as Buckjumping.

The trial trenching comprised the excavation of 225 trenches within Development Areas 1, 2, and 3, each measuring 30m x 2m; four trenches of the proposed 229 trenches were abandoned due to the presence of high voltage power cables that formed the main supply for the airport. The first phase of trenching occupied the area to the south of Development Area 1, adjacent to the main road. An electricity cable was identified running EW along the south side of the field, and NS along the east side of the field, representing the ring main for the airport. Trench 111 had to be abandoned due to this, and was re-excavated elsewhere. No archaeology was identified; large quantities of re-deposited clay natural, from the bulldozing associated with the construction of the runways in WWII, were identified, meaning some trenches were up to 1.2m deep. Excavation continued northwards around the south end of the runway and taxiing routes.

Further electricity cables were identified running parallel and east of the runway, and two cables ran parallel with the taxiing routes on both sides of the road. Trenches were duly moved, shortened or sections left unexcavated to mitigate against any damage. Land drains relating to the 1940s drainage associated with the runways were encountered and occasionally breached but all were repaired with the reinstatement of the trenches. No archaeology was identified.

Excavation then continued in the central block that covered part of Development Areas 1 and 2, coinciding with the main focus of the new terminal building. Several areas were found to contain particularly localised areas of very stony compacted natural, in comparison to the clays and silts more regularly encountered. Several field boundary ditches, not corresponding with field boundaries identified in cartographic regressions, were identified, and tested through excavation, and proved likely to be post-medieval, due to the nature of their fills, though they were undated. Several burnt tree-boles or tree-throws were also identified, indicating some tree clearance activity in the area. Most of the boundary ditches corresponded with the eastern side of Development Area 1 and appear to indicate localised agricultural activity, perhaps associated with pre-Parliamentary Enclosure fields associated with the adjacent farm buildings. The discovery of the ring main again necessitated the abandonment of Trench 128, and it was not possible to re-excavate in this area due to the further presence of other services. Focus of the excavation shifted north-westwards towards the runway.

With the 68 trenches excavated along the proposed route of the re-aligned runway, those that were opened at the western end were found to be in a marshy and wet area. As such, excavation conditions were difficult, but nevertheless no archaeology was identified. Trench 199, in the middle section of the runway and almost directly south of the Control Tower building was abandoned because of a main supply power cable that ran in a north-south direction to the building itself. Another cable that carried the mains supply for the runway lights ran parallel to the northern edge of the runway, causing some of the trenches to be moved slightly north to avoid it. Only one trench contained any significant archaeological features, coupled with the recovery of a single flint flake. Trench 196 was positioned almost immediately to the south-west of the present main terminal building and was extended to investigate a series of 11 features, some of which were prehistoric pits and postholes. From the fill of one of these features (context (118) from pit [117]), the flint fragment was recovered, tentatively identified as late Neolithic in date, in the light of the archaeological discoveries made to the west of the airport boundary in 1998, which also included prehistoric pit features, pottery and flint flakes, with radiocarbon dating from those pits returning a Neolithic date (Flynn 1998).

The results of the evaluation revealed that features of archaeological interest dating to the prehistoric period survive in the area of Trench 196 as waste pits and postholes and that evidence still remains for possible medieval and post-medieval field system boundaries in the form of shallow ditches in the eastern section of Development Areas 1 and 2. Although many fragments of post-medieval pottery and metal objects were recovered from many of the trenches, they invariably came from the topsoil or subsoil layers and not from archaeological features.

ACKNOWLEDGEMENTS

North Pennines Archaeology Ltd would like to thank: Lee Healey, Design Manager, WA Developments Ltd; Stephen Tinkler, Building Manager, WA Developments Ltd; Richard Gordon, Airport Director, Carlisle Airport; and all the staff at Carlisle Airport, for all their help and assistance throughout the project and to all the machine drivers who enabled the trench excavations to proceed so smoothly.

North Pennines Archaeology Ltd would also like to extend their thanks to Richard Newman, County Archaeologist for Cumbria County Council and Jeremy Parsons, Assistant County Archaeologist for Cumbria County Council for their guidance through the project development.

The evaluation was conducted under the direction of Matthew Town, Senior Project Officer for North Pennines Archaeology Limited, and assisted on site by: Jo Beaty, Project Supervisor (recording); Nicola Gaskell, Project Supervisor (survey); and Tony Liddell, Project Supervisor and Martin Sowerby, Project Supervisor (excavation). The site staff were: John Castling, Angus Clarke, Joseph Jackson, Claire Mason, Kevin Mounsey, Cat Peters, Patricia Shaw and Frances Wood. Alan James kindly donated his time and resources to undertake all the metal detecting on site. The report was written by Nicola Gaskell, who also produced the drawings. The initial finds work was undertaken in house by Jo Beaty, with the flint analysis completed by Ken Denham and the environmental analysis completed by Trish Shaw, NPA Environmental Supervisor. The flint was drawn by Tony Liddell, NPA Project Supervisor. The project was managed by Frank Giecco, Technical Director for NPA Ltd, and the report was edited by Matt Town and Juliet Reeves.

1. INTRODUCTION

1.1 CIRCUMSTANCES OF THE PROJECT

1.1.1 Between April and June 2007, North Pennines Archaeology Ltd undertook a walkover survey and archaeological field evaluation on land at Carlisle Airport, Cumbria (NGR NY 481 607). The work was commissioned by WA Developments Ltd in order to fulfil the obligations of an archaeological brief issued by Cumbria County Council.

1.1.2 Within the boundary of Carlisle Airport there are the remains of a Roman Camp, the course of the Stanegate Roman road and various remains of prehistoric origin, some of which are identifiable on aerial photographs. The former RAF aerodrome is also of intrinsic interest, but the primary focus remains with those features ascribable to the prehistoric and Roman activity within the boundaries of the site. The airport also lies within the visual impact zone of the Hadrian's Wall World Heritage Site (SM 26084).

1.1.3 Because of the high archaeological potential of the site, the County Historic Environment Service advised that an archaeological evaluation of the site would be necessary, comprising a series of geophysical surveys and a programme of trial trenching. Initial proposals envisaged a staged development, with the first phase concerned with realigning the main runway. A subsequent phase of the erection of additional airport buildings was then envisaged. A brief to this effect was subsequently issued by CCCHES (Newman 2007). After the issuing of the brief, the phasing of the works altered. The initial works dealt with the positioning of the main airport terminal building and surrounding area (Development Areas 1 and 2), and the second phase covered the runway realignment (Development Area 3). No new brief for these works was issued; verbal discussion with Jeremy Parsons, Assistant Archaeologist, CCCHES, confirmed that the approach was in line with the original methodology.

1.1.4 The programme of trial trenching was required in the areas of the proposed new buildings, targeting identified geophysical anomalies (Railton 2007). Subsequent trial trenching was then carried out on the line of the proposed realigned runway, on the same basis. This was undertaken in accordance with guidance given in Planning Policy Guidance note 16 (Archaeology and Planning) and with policy E30 of the Carlisle Local Plan.

1.1.5 The work in both areas consisted of a visual site inspection (walkover survey), a programme of both magnetometry and electrical resistance survey, followed by the excavation of 229 trial trenches to adequately sample 5% of the proposed development area, and the investigation and recording of deposits and features of archaeological interest identified within those trenches. Four trenches were abandoned due to the presence of service cables. All features were investigated and recorded unless otherwise agreed by the County Historic Environment Service.

1.1.6 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, and an assessment of the impact of the proposed development.

2. METHODOLOGY

2.1 PROJECT DESIGN

2.1.1 A project design was submitted by North Pennines Archaeology Ltd in response to a request by WA Developments Limited for an archaeological field evaluation on land at Carlisle Airport, Cumbria (Town 2007). This design was in accordance with a brief prepared by Richard Newman, County Archaeologist for Cumbria County Council (Newman 2007).

2.1.2 Following acceptance of the project design, North Pennines Archaeology Ltd was commissioned by the client 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 of Field Archaeologists (IFA), and generally accepted best practice.

2.2 ARCHAEOLOGICAL WALKOVER SURVEY

2.2.1 The rapid walkover survey was undertaken across the southern extent of the airport (Development Areas 1 and 2) and on the northern side of the present runway (Development Area 3). These surveys were sub-divided into six separate areas; A-F (see Figure 3). Surveys were also conducted in two further areas outside the present airport perimeter, one on the west side, centred on two fields behind Watchclose Farm (Area G) and one on the east side in the area of the Buckjumping earthwork (Area H). Due to the lack of access and uncertain ownership of the land, the field was only partly surveyed. All efforts were made to not disturb any stock animals or damage boundaries or crops.

2.2.2 All the sites that were identified by the desk-based assessment were checked against their physical situation on the ground wherever it was possible to do so, and enhancements were made to the written record as appropriate. The recording of these sites was by NPA pro-forma record sheets, and photographic record using monochrome and colour slide film, and digital photographic record. The survey excluded areas where access was denied, such as an out-of-bounds area measuring 75m from the runway due to personnel and aircraft safety, and those areas considered too dangerous at the time of survey, for example, where heavy livestock was present, as the potential for identifying archaeological remains would have been greatly reduced. Built structures were excluded from the survey, as were agricultural buildings, unless they were in a state of dereliction that warranted archaeological note, or were present on historical mapping and physical remains were still extant. Any new sites identified during the rapid survey were recorded, to the best of the abilities of the surveyors within the restrictions imposed through limited access or visibility.

2.3 ARCHAEOLOGICAL EVALUATION

2.3.1 The field evaluation was to have consisted of the excavation of 229 trial trenches in order to produce a predictive model of surviving archaeological remains detailing zones of relevant importance against known development proposals; however four trial trenches had to be abandoned due to the presence of live service cables. The size of the trial trenches was defined by the requirement that 5% of the total area (8.21ha) planned for development should be evaluated and the locations were determined by the locations of geophysical anomalies identified during the magnetometer and resistivity surveys (Railton 2007) and positioned to provide an even spread across the development areas. In summary, the main objectives of the evaluation were:

- 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 where useful for dating purposes;
- to recover palaeoenvironmental material where it survives in order to understand site and landscape formation processes.

2.3.2 Each trench was mechanically excavated by a 16 tonne 360^{o} tracked excavator equipped with a toothless ditching bucket, under archaeological supervision, to the natural substrate. Each trench was then manually cleaned where possible and any putative archaeological features investigated and recorded according to the North Pennines Archaeology Ltd standard procedure as set out in the Excavation manual (Giecco 2001).

2.3.3 Photography was undertaken using Canon EOS 100 and EOS 300V Single Lens Reflex (SLR) cameras. A photographic record was made using digital photography, 200 ISO Black and White Print and Colour Slide film.

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

2.4 ARCHIVE

2.4.1 A full professional archive has been compiled in accordance with the project design, and in accordance with current English Heritage guidelines (1991). The archive will be deposited within an appropriate repository and a copy of the report given to the County Historic Environment Record, where viewing will be available on request. The archive can be accessed under the unique project identifier NPA 07 AIR-A.

3. BACKGROUND

3.1 LOCATION AND TOPOGRAPHY

3.1.1 The study area comprises land currently in use as an airport by Stobart Air Limited. The proposed development area is centred on NGR NY 481 607 and lies on the north side of the A689 Carlisle to Brampton road, approximately 10km from Carlisle city centre. The elevation of the airport is approximately 50m AOD, in an area of gently rolling landscape, just west of the Solway Basin area, which rises across the site from west to east, covering roughly 1.77km (Newman 2006).

3.1.2 The area around the airport is entirely rural, and is surrounded by agricultural land, with the village of Irthington to the east. The airport lies close to Hadrian's Wall and is entirely within the buffer zone for the Hadrian's Wall World Heritage Site (*ibid*).

3.1.3 The solid geology of the area mainly consists of mudstones and sandstones of the Permo-Triassic age 'New Red Sandstone' (Countryside Commission 1998). This is overlain by drift deposits of glacial till, primarily in the form of Boulder Clay (Austen and Young 2002). The gently rolling character of the landscape around the airport is a feature of these glacial deposits (Newman 2006).

3.2 HISTORICAL BACKGROUND

3.2.1 This historical background is compiled mostly from secondary sources, and is intended only as a brief summary of historical developments around the study area.

3.2.2 *Prehistoric Period:* the earliest evidence for human activity in the vicinity of Carlisle Airport dates to the Neolithic period, which is generally characterised by a greater number of occupation sites, which may be a result of the gradual adoption of a settled agricultural lifestyle. Neolithic material in the form of rubbish pits and pottery was recovered from an excavation just on the western edge of Carlisle Airport by the Carlisle Archaeological Unit (Flynn 1998 and Reeves and Wigfield 2000) indicating a prehistoric presence in the immediate area. From the Cumbria SMR list the findspot of a Neolithic stone-axe is recorded as being found in the vicinity of the airport. By the later Neolithic and Bronze Ages, the distribution of artefacts such as stone axes, arrowheads and axe-hammers indicates widespread settlement throughout the North Cumbrian Plain (Hodgkinson et al 2000). A Bronze Age palstave is also recorded on the Cumbria SMR list as being found in the area of the airport.

3.2.3 *Roman Period:* the Stanegate Roman Road, which passes through the middle of the airfield and crosses the route of the proposed realigned runway, pre-dates Hadrian's Wall, having been a communications route between the Roman forts at Corbridge and Carlisle, possibly dating to the 70s AD. It certainly appears to have been the northern limit of Roman military occupation in Britain by *c.*105 (Bidwell (ed) 1999).

3.2.4 Hadrian's Wall (to the north of the airport) was designated as a World Heritage Site in 1987 and forms the most complex and best preserved of the frontiers of the

Roman Empire (Austen and Young 2002). In AD122 Hadrian came to Britain to establish the northern limit of the Empire. The time of the visit could have followed a period of insurrection by northern tribes culminating with the construction of the wall (Taylor 2000). The Wall was a composite military barrier, which in its final form comprised several separate elements; a stone wall fronted by a V-shaped ditch, and a number of purpose-built stone garrison fortifications such as forts, milecastles and turrets. A large earthwork and ditch, built parallel with and to the south of the Wall, known as the Vallum and a metalled road linking the garrison forts, which is known as the 'Roman Military Way'. The Wall begins in the east at Wallsend in Tyneside and continues to the west terminating at Bowness-on-Solway in Cumbria, a distance of 80 Roman miles (73.5 modern miles or 117 kilometres). The Wall conceived by Hadrian was to be ten feet wide and about fifteen feet high. The front face of the wall most likely sported a crenulated parapet, behind which the soldiers patrolled along a paved rampart-walk (Bedoyere 1998). Other findspots of Roman artefacts recorded on the site of the airfield include a milestone and an altar.

3.2.5 *Medieval Period:* evidence for Early Medieval activity in North Cumbria is extremely limited, once the Roman administration ended in 410AD, the native Britons gradually reverted to their own autonomy. Angles had begun to enter eastern Cumbria by the 7th century AD, but the west of the county appears politically more stable (Crowe 1984). Four sites from the Medieval period appear in the Cumbria SMR list: a ditch to the west of the site that originally formed the boundary between the Barony of Gilsland and the Bishops Manor of Crosby, the church of Irthington, which has 12th century origins, a holy well, and a medieval motte called Castle Mound (Newman 2006).

3.2.6 *Post Medieval Period:* the area surrounding the airport remained rural, with some farms being established outside the main focus of Irthington, such as Oldwall, Hurtleton, Beanlands and Gill House. One of the biggest changes to the immediate area was the construction of the Military Road in 1751, which was laid out across Irthington Common, with the second being the enclosure of the commons of Irthington by an Act of Parliament in 1783. The common, which includes the site of the later airport, was divided up into new field systems as rectilinear fields with ruler-straight boundaries. This was also the time when the Watchclose Plantation was also created. Soon after enclosure, by about 1833, the earthworks relating to the Roman camp had been levelled by ploughing (Newman 2006).

3.2.7 *Modern Period:* the construction of the RAF airfield at Crosby-on-Eden began in the summer of 1940. The cost of building it was £879,000 and it was finally ready for service in February 1941, with the first unit, 59 Operational Training Unit (OTU), arriving on the 21st February (Chorlton 2006).

3.2.8 On 15th September 1945, Crosby opened to the public for the first time, but 11 months later in August 1946 the RAF left Crosby permanently. British European Airways began domestic flights to the Isle of Man and Northern Ireland for a while, but this ended in October 1947. The airport was returned to its previous agricultural usage without interruption until 1960 when the airfield was purchased by the Carlisle Corporation, which encouraged a small number of aviation businesses to move into Crosby. The management of the airport was taken over by CSE Aviation in 1980

under City Management, until Edward Haughey bought the airport in 2001. It was sold to WA Developments in 2006.

3.3 ARCHAEOLOGICAL BACKGROUND

3.3.1 A number of research and development led projects have occurred over the last 150 years in the environs of Carlisle Airport. Most focussed on the Hadrian's Wall structure and its associated features, which lies beyond the airport perimeter. The Cumberland and Westmorland Antiquarian and Archaeological Society Excavation Committee (CWAASEC) undertook an excavation on the Watchclose Roman temporary marching camp, which is situated towards the western extent of the airport, in 1936. Nothing of any significance was discovered inside the camp, so instead the effort was concentrated on the banks and ditches that formed the defensive perimeter of the site (Richmond and Hodgson 1936). Also in the same year the CWAASEC aimed to discover the true course of the Stanegate between Buckjumping (an earthwork just outside the eastern perimeter of the airport, see Plates 6 and 7), where evidence for a road surface had been recorded in 1913 and High Crosby, to the west of the airport. Three trenches were undertaken in Watchclose Plantation (the wooded area just to the north of Development Area 3, in the central part of the runway), where an extant earthwork was presumed to be the road (Simpson *et al* 1936).

3.3.2 Carlisle Archaeological Unit carried out an evaluation in 1995 that led to an excavation in 1996 in an area immediately to the west of the western boundary of the airport, prior to warehouse buildings being constructed. The excavation revealed a sunken trackway, waste pits with some organic material and pieces of prehistoric pottery. The typology of the pottery along with radiocarbon dates from the pits suggested a late Neolithic habitation or farmstead site (Flynn 1998 and Reeves and Wigfield 2000).

3.3.3 Prior to the opening of the Hadrian's Wall National Trial in 2003, Oxford Archaeology North, in its former guise as Lancaster University Archaeological Unit, conducted a series of small scale watching briefs along the route, although none of these occurred within the airport perimeter (Town *pers comm.*).

3.3.4 An earlier plan for development at the airport led to the production of a scoping report for Haughey Airports Ltd. The report (Jacobs 2003) laid out the baseline conditions, which included a summary of scheduled monuments, listed buildings and other HER entries. It concluded with a section of the potential impact on the site by both the construction phase and operational phase of the development.

4. WALKOVER RESULTS

4.1 INTRODUCTION

4.1.1 The rapid walkover survey was undertaken across the southern extent of the airport and on the northern side of the present runway. This part of the survey was sub-divided into six separate areas A-F, J and K. In addition to the main survey, two fields to the east of the current airport were investigated in the area of the Buckjumping earthwork, and two fields to the west of airport were investigated to the rear of the unoccupied 18th century farmhouse of Watchclose Farm.

4.2 DEVELOPMENT AREAS 1 AND 2 IDENTIFICATION SURVEY

4.2.1 ***Area A:*** a small square brick built building was noted, which was the remains of an electrical sub-station for the Second World War airfield (Plate 1). Due to the length of the grass, it proved difficult to locate any above surface archaeological remains with absolute certainty; however it is clear that any earthworks would have been severely truncated by modern ploughing and would remain only as sub-surface features.

Plate 1: Small brick built building in Area A, facing west

4.2.2 ***Area B:*** a number of shallow linears were noted, which in all probability relate to post-medieval land management such as field drains. Also within the field was a sub-oval concrete structure (Plate 2); an air raid shelter, with trees which have since grown within it.

4.2.3 ***Area C:*** a shallow holloway was noted immediately adjacent to the entrance road and aligned north-south. It is not clear what this feature represents however it could form part of a field boundary, which was removed during the clearance of the site for the construction of the airport.

4.2.4 ***Area D:*** the land was grassed at the time of survey, well drained, undulating and again showed evidence for ploughing.

4.2.5 ***Area E:*** the land at the time was grassed and showed evidence of ploughing. A tree lined L-shaped boundary was noted which presumably relates to an enclosure which existed prior to the construction of the airport. A number of crop-marks were visible on aerial photographs (Newman 2006); however none were surviving as upstanding earthworks, and they were probably truncated by later ploughing. A long linear depression was noted running parallel to the runway, which is presumably related to the construction of the runway, possibly a drain. Due to the length of the grass no other features were noted during the walkover survey.

Plate 2: Sub-oval concrete feature in Area B, facing south-east

4.3 DEVELOPMENT AREA 3 IDENTIFICATION SURVEY

4.3.1 ***Area F:*** Area F is located immediately north of the existing runway for Carlisle Airport (Plate 3). The projected line of the Stanegate Roman road runs under the eastern end of the runway, however no earthwork features such as the agger or roadside ditches were noted.

Plate 3: Carlisle Airport runway, facing west

4.3.2 A narrow roadway, which is shown on the First Edition OS Map of the area, survives as an upstanding earthwork (Plate 4). This roadway ran from Laversdale and Old Wall to the north where it joins the minor B-road, which links the A689 with Irthington to the south (Figure 2). The road is still partly used by the airport to allow access onto the runway. Also noted was another section of roadway, which branched off from the former road and heads southwest. Its full extent could not be confirmed as it continued into the 75m safety zone. The land was ploughed in a similar fashion to the southern side of the runway and was planted with quick growing Rye grass, which made the identification of features very difficult.

4.4 DEVELOPMENT AREA 4 IDENTIFICATION SURVEY

4.4.1 *Area J:* Area J is located in the western half of the proposed development area. At the time of the study it was in use as pasture, with long grass being grown. The area is bounded to the north by the current main east-west runway; to the south by the main A689 road; to the west by a section of road that partly forms the airport perimeter road and to the east by the north-south aligned runway. Towards the south-eastern extent of the area lies the temporary Roman camp at Watchclose. No above ground earthworks of this camp were visible, possibly as a result of ploughing or the landscaping that occurred during the construction of the airfield. A number of airfield installations were noted along the perimeter fence, probably electricity sub-stations and temporary bunkers.

4.4.2 *Area K:* Area K is located in the eastern half of the proposed development area. Again, the rapid identification survey was undertaken in long grass, which made the secure identification of features very difficult. The area was bounded to the north by the main east-west aligned runway; to the east by the airport access road; to the

south by a minor B road and to the west by the north-south aligned runway. The area at the time of survey was not in use and was partially covered with deciduous woodland. The majority of the features identified during the survey relate to the construction of the airfield, being mostly ancillary buildings. An oval concrete structure, similar to that observed in Area B was recorded. A number of modern earthworks were visible towards the eastern extent of the site and parallel to the access road for the airport. They may have a military origin, such as defensive soil scrapes, small slit trenches and command and observation posts, used in training exercises. No other features of interest were noted.

4.5 AREAS OUTSIDE AIRPORT PERIMETER

4.5.1 *Area G:* in order to accommodate enhanced navigational aids to comply with CAA requirements, WA Developments Ltd requested a walkover survey of two areas east and west of the airport perimeter. The fields to the rear of Watchclose Farm are currently in use as pasture and are bounded by mature hedge lines on all four sides. A rapid walkover assessment failed to locate any archaeological features (Plate 5).

4.5.2 *Area H:* Area H is located to the east of the airport and like Area G is outside the airport perimeter. The topography of the field is significantly different to that seen within the airport environs. It is typical of a glacial landscape, which consists of ridges and small hillocks known as drumlins. The projected line of the Stanegate runs through the central section of the field and appears to cut a long ridge known as Buckjumping (Plates 6 and 7). Due to the lack of access and uncertain ownership of the land, the field was only partly surveyed and no further features were noted.

Plate 4: Former roadway heading towards Laversdale and (note air traffic control building right of the picture)

Plate 5: Watchclose Farm, facing west to the airport

Plate 6: Buckjumping (possible line of the Stanegate), facing north-east

Plate 7: Buckjumping (note glacial landscape), facing west

5. EVALUATION RESULTS

5.1 INTRODUCTION

5.1.1 The machine stripping of the trenches, which were subsequently cleaned by hand down to the natural subsoil, permitted an examination of the archaeological remains within the site. The trench locations are depicted in Figure 3 in Appendix 5, and depicted in detail in Figures 4 to 10.

5.2 DEVELOPMENT AREAS 1 AND 2

5.2.1 *Area A:* nineteen trenches were excavated in this area, Trenches 93-112, (Figure 4). All the trenches were 30m in length and 2m in width. Trench 111 on the eastern side of the area was not excavated due to the detected presence of a power cable when CAT scanned. This cable ran north-south along the eastern fence line of the field. Within all of the trenches the natural comprised silty clay, variously observed as being orangey-brown or yellowy-orange. Occasional trenches, such as 95 and 100, displayed a dark grey silty layer varying between 0.20 and 0.40m thick overlying the natural; this has been interpreted as a buried soil horizon, as overlying this in most of the trenches in the field was an extensive re-deposited clay layer, which measured up to 0.60m thick in some trench sections. Described as reddish-brown in colour it was firm and well compacted. In most trenches (one exception being Trench 100) a subsoil horizon was observed overlying the re-deposited clay, although this layer was never seen to be more than 0.30m deep, the average depth being approximately 0.20m. It comprised dark brownish-grey silty material that was moderately compacted and overlain by the topsoil that covered all the trenches. This topsoil layer was a loosely compacted mid greyish-brown silty sand mix that varied in thickness across the area between 0.15m thick and 0.30m thick.

5.2.2 Notable features encountered within the trenches were land drains that related to the construction of the airfield and possible tree boles in Trenches 101 and 107 that appeared as sub-rounded discoloured patches within the natural.

5.2.3 *Area B:* twenty-five trenches were excavated in this area, Trenches 113-121 and 132-147, (Figure 5), with the exception of Trench 139, which was abandoned due to the presence of a power cable. This area appeared to have a proliferation of service cables and so many of the trenches were shortened to avoid contact with them. Trenches 136 and 143 measured 15m in length, Trench 146 was 20m, Trenches 144 and 147 were 25m and Trench 118 was 28m in length. The remaining trenches were 30m in length and all were 2m in width.

5.2.4 The minimum excavated depth of the trenches in this area was 0.30m, shown in Trenches 134 and 141, and the maximum depth excavated was 0.85m, recorded in Trench 119. The natural sub-strata observed across this area varied from west to east. At the western side it comprised orangey-brown soft sandy silty clay (Trenches 113-119) and moving eastwards it changed subtly to orangey-yellow firm sandy silty clay. A subsoil layer covering the natural was recorded in only two of the twenty-

five trenches, 134 and 135, and was an orangey-brown firm sandy clay with a maximum thickness of 0.20m. The uppermost layer in all the trenches was the topsoil of mid greyish-brown, soft sandy silt with a loose to moderate compaction.

5.2.5 Every trench in Area B, with the exception of 114, contained multiple land drains that were all 0.25m wide. Five trenches also contained linear features. The single feature recorded in Trench 121, ditch [138] (Plate 8) was measured as 1.10m in width and up to 0.28m in depth. It had a U-shaped profile with gradually sloping sides and ran in a northeast-southwest alignment. It contained a single fill (139) which comprised loosely compacted dark grey brown sandy silt that carried occasional small stone inclusions. It was interpreted as a boundary ditch, as seen in Trench 133 and grouped under context number [155]. In Trench 132 ditch [136] also ran in a northeast-southwest alignment. The ditch measured 0.84m in width and 0.35m in depth, had uneven sides and a U-shaped base. Fill (137) within [136] comprised loosely compacted dark greyish brown sandy silt with occasional small stones. This ditch aligned with one seen in Trench 133 and was grouped under context number [153]. Ditch [148] in Trench 132 had steeply sloping sides with a flat base and also was aligned in a northeast-southwest direction. A section was excavated through the single fill (149) and was found to be 0.22m thick and moderately compacted dark brown sandy silt again with occasional small rounded pebbles. The third feature in Trench 132 with which ditch [148] conjoined was [150], only 0.30m in width and up to 0.35m in depth, it had steeply sloping sides and a flat base. The ditch contained a single fill (151) that comprised moderately compacted black silty sand. Both of these features [148] and [150] correspond to boundaries shown on the First Edition Ordnance Survey map, but were not observed in any other trenches.

Plate 8: Ditch feature [138] in Trench 121

5.2.6 In Trench 133 a linear feature [140] was investigated by excavating a slot through the fills to determine its dimensions. The cut measured 1.70m in width and was 0.40m deep with a gently sloping eastern side and a more steeply sloping western side, the base was largely flat. The primary fill (141) comprised firm grey silty clay that had no inclusions it was seen in section to be 1.50m in width and up to 0.20m thick. This was overlaid by (142) firm orangey-grey silty clay that also had no inclusions. The uppermost fill of the feature was (143), moderately compacted mid brownish-grey silty sand with no inclusions. The two upper fills were truncated on the western side by a field drain. This feature was in alignment with ditch [136] in Trench 132 and they were grouped under the context number [153]. Ditch [158], positioned a little to the east of [140] measured 1m in width and was up to 0.28m in depth and had a U-shaped profile. It contained a single fill (159) that comprised mid-brown sandy silt with occasional small stone inclusions. This ditch was aligned with [160] seen in Trench 81, [164] in Trench 83 and [170] in Trench 85, all in Area B and comes under the group number [154]. Just to the east of [158] was [156] a ditch measuring 0.95m in width and up to 0.25m in depth with a U-shaped profile with gently sloping sides. The fill (157) comprised of moderately compacted brownish-grey silty sand with no inclusions. This feature aligned with ditches [166] in Trench 83 and [172] in Trench 85 and is covered by the group context number [155].

Plate 9: Ditch feature [160] in Trench 81

5.2.7 Within Trench 137 was ditch feature [128] (Plate 10) that ran in an east-west direction and was measured as 1.65m wide at the top of the feature, narrowing to 0.37m at the base. It contained five fills, the primary fill (130) was loosely compacted black organic material with dimensions measuring 0.12m in thickness and 0.18m in length. This was overlaid by a more extensive layer (129) that was 1.10m wide and up to 0.40m thick. It comprised firmly compacted mid-grey silty clay that carried no inclusions. Fill (129) was covered by (131), firmly compacted orangey-grey silt again with no inclusions and measured up to 1.25m in width and 0.20m in

thickness. Over (131) was (132) another firmly compacted mid-grey silty fill with no inclusions. This layer was measured at 1.20m in width and reached up to 0.20m in thickness. Fill (132) was the penultimate fill of the feature as the uppermost fill was (133), a narrow band of firmly compacted black organic material that contained occasional small pieces of angular quartz stone. This fill spread for 1.40m in width but was only 0.05m thick. Every fill in this linear feature had samples taken from them for environmental analysis; the results are presented in Section 7. This feature is in association with ditch [125] in Trench 141 and comes under the group context [152].

Plate 10: Ditch feature [128] in Trench 137

Plate 11: Ditch feature [125] in Trench 141

5.2.8 The final trench within Area B to contain a linear feature of interest was Trench 141 (Plate 11). A 1.15m wide shallow ditch-type linear cut [125] ran east-west across the width of the trench. U-shaped in profile with gently sloping sides and a concave base, the maximum depth was 0.37m and it contained two distinct fills, the primary fill (126) was firmly compacted mid-grey silt that had no inclusions. Its dimensions measured 0.57m in width and 0.15m in thickness. This was overlaid by fill (127), loosely compacted dark greyish-brown silt with no inclusions that measured up to 1.15m in width and 0.35m in thickness. This feature is associated with ditch [128] in Trench 137 under the group number [152] and may form a pre-enclosure field boundary.

5.2.9 *Area C:* seven trenches were excavated in this area, Trenches 124-131, (Figure 6), with the exception of Trench 128 which was abandoned due to the presence of a high voltage power cable. All the trenches were 30m in length and 2m in width. The minimum excavated depth of the trenches was 0.30m (Trenches 129 and 131), whilst the maximum excavated depth reached 0.90m (Trench 126). Observed within all the trenches the natural sub-strata was stiff, orange, firmly compacted sandy clay. No subsoil layer was recorded in any of the trenches in this area; the natural was directly overlaid by a topsoil layer that varied in its thickness from a minimum of 0.24m (Trench 130) to 0.64m (Trench 125). The topsoil comprised mid grey-brown, soft loosely compacted sandy silt. Trenches 124-127 and 129-130 all contained multiple land drains, but no features or layers of archaeological interest were apparent in any of this group of trenches.

5.2.10 *Area D:* twenty-six trenches were excavated in this area, Trenches 1-22, 122-123 and 160-161, (Figure 7). All the trenches were 30m in length and 2m in width, except for Trench 1, which was 28m, Trenches 4 and 6, which were 29m and Trench

12, which measured 27m in length. Each of these trenches was shortened due to service cables being present.

Plate 12: View of Trench 9 looking northwest

5.2.11 The minimum depth excavated within this group of trenches was 0.28m, seen in Trench 13, the maximum depth excavated was 1.15m, seen in Trench 1. The natural comprised mid-orangey brown firm sandy clay with very rarely occurring small stone inclusions. A subsoil layer, covering the natural was only recorded in five of the 26 trenches. Trenches 1, 2, 4, 6, and 17 contained a subsoil of dark grey soft silt, moderately compacted, the minimum depth recorded was 0.24m in Trenches 2 and 17, and the maximum depth recorded was 0.30m in Trench 1. The uppermost layer in all the trenches was the topsoil, which varied in thickness from 0.24m (Trenches 2 and 17) to 0.56m (Trench 2). The average composition of this layer was mid greyish-brown soft sandy silt with no inclusions.

5.2.12 Features of note that were encountered within this grouping of trenches were the numerous land drains that occurred in most of the trenches and the single linear features that were observed in Trenches 13 [214] (running north-south and measuring 0.65m in width) and 14 [216] (running east-west and measuring 0.50m in width) which appeared as discoloured areas within the natural substrate.

5.2.13 *Area E:* eighty-one trenches were excavated in this area, Trenches 23-92 and 148-159, (Figure 8). All the trenches were 30m in length and 2m in width, with the exception of Trench 153, which measured 26m due to an electricity cable being present in the central section of the trench, which meant it had to be excavated in two sections. The minimum depth excavated was 0.23m in Trench 28, whilst the maximum depth excavated was 1.52m in Trench 69. The average consistency of the natural substrate was mid orangey-brown or orangey-grey firmly compacted sandy or silty clay. No subsoil layer was observed in the following trenches: 23-38, 40, 43-47, 51-62, 64-67, 69-70, 73, 75-77, 81, 83-92 and 148-159; a total of 67 out of the

81 trenches in the grouping. In the remaining 14 trenches the average subsoil varied in thickness between 0.12m (Trench 63) to 0.72m (Trench 77) and comprised dark greyish-brown soft silty sand. In seven of those 14 trenches the subsoil was covered by firm red clay that varied from 0.20m to 0.43m in depth. The trenches in which it was recorded were 39, 41-42, 48, 71, 78 and 79. This red clay may be similar in function to the clay layer recorded in the trenches in Area A of the site, being re-deposited clay from the levelling undertaken for the runways in Second World War. In Trench 41 this clay layer was only present at the southern end of the trench, possibly showing the extent to which it spread. In all of the eighty-one trenches the topsoil comprised a mid greyish-brown soft sandy silt, the variation in depth ranging from 0.12m thick (Trench 63) to 0.72m thick (Trench 77).

5.2.14 Land drains primarily laid to aid the drainage of the area immediately to the south of the main runway were encountered in all but six of the trenches excavated. The trenches that were devoid of any drains were 63, 87, 152, 154, 157 and 159. In the remaining seventy-five trenches the density of the drains in the ground meant that multiple drains were present in the trenches, with on occasion up to seven being recorded in one trench.

5.2.15 Three trenches (77-79) were recorded as containing tree-bole features; sub-rounded with irregular edges and usually shallow. These represent the previous location of trees, which have either been removed or rotted. In Trench 77 the tree bole measured approximately 1.40m in length and 0.10m in depth. It was only partially visible as it ran under the northern section of the trench, so its full extent could not be measured. In Trench 78, the feature was 1.40m in length and also 0.10m in depth. It was located in the middle of the trench only 1.30m from the southwestern end. The dimensions of the tree bole feature in Trench 79 were 1.10m in length, 0.67m in width and 0.15m in depth. This feature was positioned only 1.70m from the western end of the trench.

5.2.16 In a further eleven trenches other features were encountered, all in the form of linear ditch or boundary type features cut into the natural. In Trench 39 the ditch feature [186] was less than 1.50m from the northwestern end of the trench and ran in an east-west alignment. It measured 1.28m wide and 0.07m deep, the profile was U-shaped with an irregular base. No datable artefacts were recovered from this feature, although it is depicted on the First Edition Ordnance Survey map, showing it to be an enclosure boundary. In Trench 56 two north-south running linears were recorded. The eastern one [190] was 3.90m from the eastern end of the trench and measured 1.90m in width and 0.18m in depth, again being U-shaped in profile with an irregular base. The more westerly feature [188] was 3.30m west of the first linear and was 1.70m in width and 0.06m in depth, with a similar profile and base. These two features appeared to run parallel to each other, neither converging nor diverging away, and correspond to the First Edition map of the area, showing them to be enclosure boundaries.

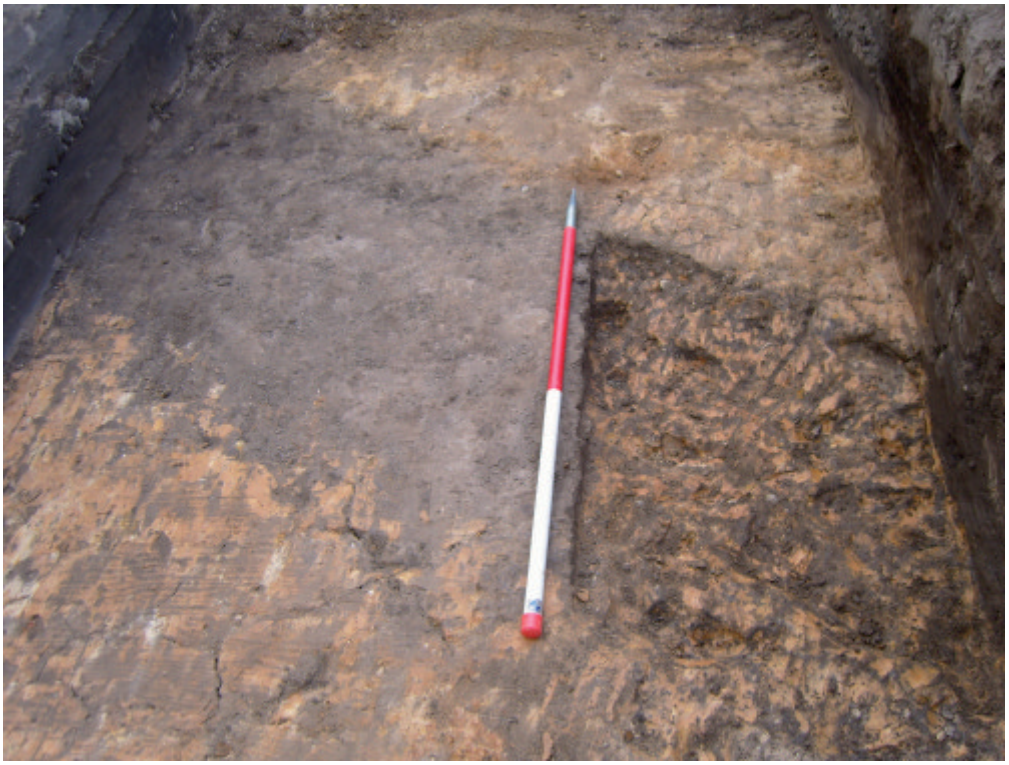


Plate 13: Ditch feature [186] in Trench 39

5.2.17 In Trench 65 one linear feature [192] was located in the southwestern half of the trench running northwest-southeast. The cut profile was a shallow U-shape, measuring 1.30m in width and up to 0.40m in depth. It contained a single fill (193) of mid-greyish brown sandy silt that contained only occasional small stones. From the area of this feature a single piece of 18th century brown glazed pottery was found while the trench was being manually cleaned (see Section 6), although the ditch is not depicted on any map and so may pre-date the Enclosure Act.

Plate 14: Ditch feature [192] in Trench 65

5.2.18 A feature running approximately east-west [194] was recorded in Trench 70, measuring approximately 0.95m in width and up to 0.25m in depth. The single fill (195) comprised well compacted mid to dark grey silty sand that held occasional small stone inclusions. This ditch corresponds to an enclosure ditch shown on the First Edition Ordnance Survey map, but was not seen continuing elsewhere. The linear noted in Trench 73 [196] running northwest-southeast measured 1.50m in width and was up to 0.15m in depth. It had many similarities with other linears recorded in the area as it had a U-shaped profile with an irregular base. The fill of this ditch (197) was dark brownish-grey sandy silt with occasional small stone inclusions. No datable artefacts were recovered from this feature, although it is aligned with the enclosure boundaries shown on the First Edition map.

5.2.19 Within Trench 74 the linear feature [198] ran the length of the trench in a southwest-northeast alignment. The sides were steeply sloping, as though to be a V-shaped profile, but the feature had a flat base, it measured 0.43m in width and reached 0.20m in depth. The fill of this feature (199) was dark grey to black sandy silt with rare inclusions of small stones. This feature too is depicted on the Ordnance Survey map. The linear in Trench 81 [160] had a more V-shaped profile and ran in a north-south direction. It had a maximum width of 1.54m and a maximum depth of 1.18m it was also possibly clay lined, as a grey clay layer (161) was observed along the length of the feature. This deposit measured up to 0.30m thick in places, although no datable artefacts came from it. This feature appears in other trenches and as such it has been grouped under the context [154]. Trench 83 contained three linear features.

The first feature [166] was uncovered at the southeastern end of the trench, measuring approximately 1.25m in width, as its edge was under the trench limit. The fill of (167) was dark grey to black sandy silt. A further 2.50m to the northwest of [166] was [164], with very similar measurements of 1.25m in width and 0.44m in depth, again containing a single fill (165) of dark grey sandy silt. A third ditch feature, [162] placed 5.50m from the southeastern end of the trench, measured 1.14m in width and up to 0.48m in depth. The fill of (163), dark grey sandy silt was similar to those seen in the previous two ditches. They all ran parallel to each other in a southwest-northeast alignment. Slots were excavated manually through both [164] and [162] to ascertain their depths but no datable artefacts were obtained from these investigations. However, their similarities indicate that they may have been constructed at the same time and none of them correspond to the Ordnance Survey map of the area. All three ditches appear in other trenches and so have been grouped under other context numbers for further discussion. Ditch [162] comes under group [153], ditch [164] is within group [154] and ditch [166] is part of group [155].

Plate 15: View of Trench 85 looking southeast

5.2.20 Three V-shaped ditches were recorded in Trench 85 (Plate 11). The first [168] had an overall depth of 0.86m and a width of 1.15m. The fill of the feature (169) comprised orangey brown firm clay that was overlaid by the subsoil layer in the

trench. It was positioned approximately 10m from the northern end of the trench and ran in a southwest-northeast direction. The maximum width of the second ditch feature [170] was 1.40m, and was 0.83m in depth, its fill (171) was mid orange clay. The third ditch feature [172] measured 0.98m in width and up to 0.54m in depth. This was filled by (173), dark brown sandy silt. All three features ran parallel to each other and appeared evenly spaced apart, with intervals of approximately 5 metres, and all were in the northern half of the trench. These are the same features that appeared in Trench 83 and so were issued the same group numbers, [168] being part of group [153], ditch [170] being grouped within [154] and ditch [172] coming under group [155]. As these features were not shown on the First Edition map, it is likely that they pre-date the enclosure of the common.

5.2.21 Trench 87 contained a single feature [174] aligned approximately east-west. It had been cut by two later land drains, but a slot excavated through it showed that it measured up to 2.65m in width and reached 0.62m at its maximum depth, larger than many of the other comparable features in this grouping, or even across the whole site. Its fill (175), comprised of dark grey silty sand that carried frequent small stone inclusions. With the line of the ditch projected east, it leads to a feature recorded in Trench 91 and is included within the group number [200].

5.2.22 Three more linears were noted within Trench 88, all parallel to each other and aligned approximately in a north-south direction. The trench was aligned northwest-southeast so the most northwesterly feature was approximately 12m from the northwestern end of the trench. The maximum width of [176] was 1.29m and it contained a single fill (177) of dark grey silt that had a maximum thickness of 0.40m. The middle ditch [178] was approximately 4m to the southeast of [176] and had smaller measurements of 0.68m in width and 0.10m in depth with the fill (179) comprising dark brown sandy silt. The third ditch [180] was again approximately 4-5m southeast of [178] and measured only 0.32m in width and was 0.18m in depth, with a mid brown silty fill (181) within it. No datable artefacts were recovered from any of the three ditch features, but they do appear as a single entity on the First Edition map, showing them to form part of an enclosure field boundary.

5.2.23 Finally within the area, Trench 91 (Plate 16) contained two more linear ditch features. They were both positioned towards the northeastern end of the trench, the northerly ditch [182] being the same feature that occurred in Trench 87, so being part of the group context [200]. It measured 0.65m in width but was only 0.15m in depth, filled by (183) mid to dark grey sandy silt. The more southerly ditch [184] was similar in its dimensions, measuring 0.60m in width and 0.17m in depth with a single fill of (185) brownish grey sandy silt although this southerly ditch was not observed in any other trench. Neither of the ditches recorded were in evidence on the Ordnance Survey map. Two other discoloured areas were also noted within the trench but they may have been more tree boles.

Plate 16: View of Trench 91 looking northeast

5.3 DEVELOPMENT AREA 3

5.3.1 *Area F:* sixty-seven trenches were excavated in this area, Trenches 162-229, with the exception of Trench 199, which was abandoned because of a double mains electricity cable running south from the control tower building, which would have coincided with the middle section of the trench (Figures 9 and 10). All the trenches measured 30m in length and 2m in width, apart from Trench 163 which was 20m long, and Trenches 227 and 228 which were both 26m. The trenches were shortened due to the presence of live service cables. A small group of trenches 169-176 became waterlogged to varying degrees, due to bad weather conditions when they were excavated, and due to the fact that the ground they were excavated in was boggy naturally. This hampered their excavation and recording though all the trenches were completed.

5.3.2 The natural substrate seen in the trenches was, on average, a light orangey brown and grey mix of firm sandy or silty clay. In fifty-three of the sixty-seven trenches no overlying subsoil was encountered, possibly more evidence of the extent of the landscaping that occurred in the airport during the Second World War. Of the 14

trenches that did contain a subsoil layer (Trenches 171-172, 174-179, 181-185 and 217) three had two layers. The lower subsoil layer visible in these three trenches (171, 174 and 176) was dark brown to black soft sandy silt, which measured approximately 0.20m thick. This layer was akin to the subsoil layer described in the other eleven trenches, varying in its depth from 0.1m thick to 0.30m thick across the area. In Trenches 171, 174 and 176 overlying the dark subsoil was a layer of soft orange sandy clay that measured between 0.15m thick and 0.22m thick. This is possibly a re-deposited natural layer, and was quite discreet, only being present in those three trenches. Overlying all layers in all the trenches in this group was the topsoil, which varied in thickness across the area from 0.20m thick (Trenches 171, 174, 178-179 and 214) up to a maximum of 1.20m as observed in Trench 169. Generally throughout Area F it comprised mid greyish brown soft sandy silt. Land drains were recorded in fifty of the sixty-seven trenches, and features were seen in six trenches: 196, 201, 207, 212, 219 and 229.

5.3.3 Trench 196 (Plate 17) showed the greatest concentration of archaeological features from the entire site. Eleven features were recorded, and all the cuts contained single fills with the exception of [102] that contained two fills. Cut [102], which has been tentatively interpreted as a pit, measuring 2.40m in length, 0.90m in width, and appeared as an irregular oval in plan. Its maximum depth was 0.45m. The primary fill was (103), which comprised yellowy brown silty sand, with a maximum thickness of 0.40m. This fill was confined to the southeastern side of the pit. The secondary fill (104), which measured up to 0.42m in thickness, comprised a dark grey to black loosely compacted silt. Feature [105] was 0.80m in length and 0.45m in width, with a maximum depth of 0.25m. The cut was filled by (106), a brownish-yellow silty sand with occasional clay pieces. This was in turn cut by [107], possibly a secondary cut for the feature measuring 1.30m in length, 0.70m in width and up to 0.15m in depth. This had a separate fill (108), dark greyish-brown sandy silt that contained occasional pieces of charcoal and clay.

5.3.4 To the east, a further sub-oval feature [109] was uncovered. The feature measured 0.90m in length, 0.70m in width and up to 0.18m in depth. The cut was shallow with gently sloping sides and was filled by (110), a dark greyish-brown sandy silt with no inclusions. Cut [111] was a shallow feature measuring only 0.20m in length, 0.15m in width and 0.10m in depth. This was filled by (112) dark brown grey sandy silt that had no inclusions. A more circular feature [113], measuring 0.28m in diameter and 0.10m in depth was uncovered to the west. The feature had rounded sides that were gently sloping, and was filled by (114), a mid brown silty sand. North of [109] was a northeast-southwest orientated cut [115], which had a steep northern side and a more sloping southern side. The feature measured 0.34m in length and 0.28m in width and was 0.12m in depth. It was filled by (116), a moderately compacted brown silty sand that contained no inclusions.

5.3.5 Cut [117] was an irregular circular feature, with a diameter of 1.10m, and a steeply sloping eastern side and a more shallow sloping western side. The fill (118) contained within the cut had a maximum thickness of 0.44m, and comprised a grey-brown compact sandy silt that contained small flecks of charcoal and a single flint piece (see Section 6.1). This feature has been interpreted as a possible prehistoric pit,

given the association of other similar features in close proximity and the flint flake discovery made within context (118).

5.3.6 A further irregular cut [119], aligned northeast-southwest, and measuring 0.80m in length by 0.50m in width and up to 0.18m in depth was recorded in the trench. It was filled by (120), a well compacted pink clay that carried approximately 10% small stone inclusions. Feature [121] was 0.40m in diameter with steeply sloping sides that reached a depth of 0.21m and filled by (122), light brownish-red compact silty sand. It has been interpreted as a potential posthole. The final feature in the trench was cut [123], 0.40m in length and 0.22m in width, with a maximum depth of 0.33m. The feature angled sharply into the natural substrate and was filled with dark grey to black loosely compacted silty sand.

5.3.7 The features within Trench 196 when viewed in plan indicate the possible presence of structures including a probable fence line or palisade, running east-west and there is also the suggestion of a four post structure in the area of the southwestern extension of the trench.

Plate 17: View of features in Trench 196 looking southeast

5.3.8 In Trench 201 a northwest-southeast running linear ditch was recorded as being 1.10m in width and up to 0.36m in depth, with a U-shaped profile. The fill (202) was very well compacted silty grey clay. In Trench 207 the same ditch was recorded 10m from the northern end of the trench as being 0.75m in width and only 0.10m in depth and filled by (205) a brownish-orange mix of silty sand. The difference in the profile and fills of this ditch may be due in part to the landscaping of the land when the airfield was built. They have been grouped under context [203].

5.3.9 Trench 212 contained two features, both linear in plan that ran parallel to each other in an east-west direction. They were positioned in the northeastern end of the trench

and both measured approximately 0.60m in width, with the northernmost linear [206] being 0.30m deep and its counterpart 0.10m deep. Ditch [206] contained two fills, the primary (207) comprised grey clayey sand that had a maximum thickness of 0.12m, and was overlaid by (212) black silt that was 0.20m thick. The second, more-shallow, feature [208] was filled with grey silt (209). Neither of these features are shown on any Ordnance Survey map and so possibly pre-date the enclosure.

5.3.10 Three features of interest were identified in Trench 219, two of which were possible tree boles, the first was approximately 5m from the northeastern end of the trench and had a diameter of approximately 0.85m, while the second was less than 2m from the southwestern end of the trench, measured 0.62m in width and extended under the western section of the trench. The third feature was a linear [210] that had a north-south alignment and measured 0.90m in width and up to 0.30m in depth. It contained two fills, (211) a black coloured silty primary fill and an overlying fill (213) of light brown silt. Trench 229 also contained a potential feature, upon investigation it was found to be a tree bole that contained no artefacts or information of archaeological interest.

6. FINDS

6.1 FINDS ASSESSMENT

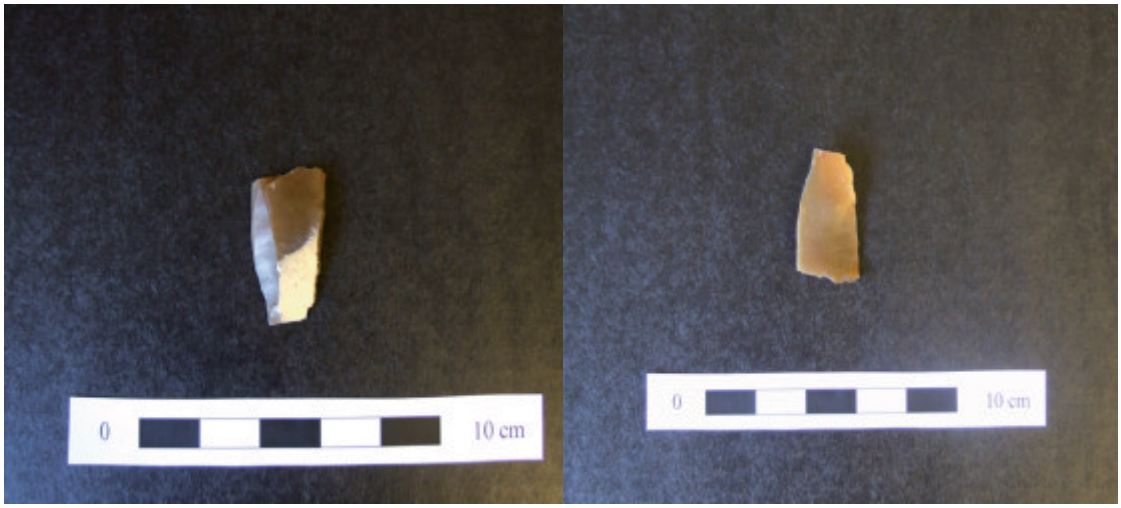
6.1.1 One hundred and nine of the 225 trenches excavated across the site contained datable artefacts, mostly in the form of ceramic sherds and waste metal pieces. A selection of artefacts, including one worked flint and two sherds of possible 18th century Blackware were retained due to their importance in dating. Due to the extreme landscaping of the airport undertaken during the Second World War, where topsoil and clay were removed from the area of the runways and redeposited in other areas creating a relatively flat area, some artefacts may have been moved or lost, which may explain the lack of artefactual data. Apart from the flint and one of the sherds of Blackware, those items found to pre-date *c.*1940 were invariably recovered from the topsoil or subsoil and were randomly distributed across the site, possibly as a result of agricultural practice (ploughing) in the late 19th century.

6.1.2 All of the metal artefacts were recovered by use of a metal detector. All fragments were recovered after the mechanical excavation of the trenches from the spoil heaps. The metal artefacts recovered, then discarded, were a mix of small fragments of iron mechanical farming equipment (springs, bolts and fragments of blades etc), with the remainder being fragments of nails or screws. All of the objects were machine made and of a modern date. Considering the removal of the topsoil and clay from the runway areas and given the rural use of the land only thirteen sherds of ceramics are represented in Appendix 2, and only three fragments of clay pipe stem were examined. With the exception of two sherds, most of the ceramics were all considered to be 19th and 20th century domestic wares, with an occurrence of transfer printed patterns (tableware) and yellow slipware (used for storage and preparation of food). The clay pipe fragments examined were too small and indistinguishable to be accurately dated, as only fragments of the stem were recovered, these lack the maker's stamp or style of bowl. Dating can only be given a generic date of late 19th early 20th century.

6.1.3 The two sherds of pottery retained were sherds of possible 18th to 19th century pottery recovered from Trenches 57 and 65. Both sherds were variations of Blackware and Brownware, which because of both popularity and durability lasted from the 17th to 19th centuries in different styles. Blackware and Brownware were made up of a red earthenware fabric with a dark brown or black slip. The types of vessels ranged from drinking cups (17th century) to larger jugs and storage jars (19th century). The sherds recovered from Carlisle Airport were too small to date with any accuracy, but in all likelihood were not from the 17th century due to the lack of lead in the glaze. Due to the size of the sherd recovered from Trench 65 it was difficult to accurately identify the type of vessel, but due to the thickness of the fabric and glaze the sherd was probably part of a Brownware storage vessel. The sherd from Trench 65 was found during the initial cleaning of the trench and was difficult to ascertain if the sherd was part of the ditch fill or from the topsoil. The sherd of Blackware recovered from Trench 57 as above was too small to accurately identify, after examining the depth of the fabric and glaze the sherd was probably part of a drinking

vessel such as a cup. The sherd recovered from Trench 57 was found in the general topsoil and not from a datable feature making the making the origin of the pottery difficult to identify.

6.1.4 The only lithic object recovered from the evaluation was a single worked flint fragment from pit feature [117] within Trench 196 (Figure 13 and Plates 18 and 19). The trench was located in Area F of Development Area 3 and just to the south of the present control tower. The flint flake was light brown in colour and measured 41.5mm in length, 24mm in width at its distal extent and was 12 mm wide at its proximal extent. The flake had an overall average width of 2.5mm. There was evidence of flaking on its distal face with some well abraded cortex still extant. A distinct conchoidal break was observed on the ventral face with a working platform on the proximal extremity and a hinge fracture on distal extremity. The dorsal face displays evidence of four prior flakes being removed from the core piece, three from the proximal extremity, one from the distal. The distal flake had been removed from an asymmetric direction and directly cuts into the cortex. The material appears to be of the local beach flint, much used during the Mesolithic period in Cumbria, but the technology used in the application seems to be much later; for example Neolithic/Bronze Age.



Plates 18 and 19: The dorsal and ventral faces of the flint flake recovered from pit [117] in Trench 196

7. ENVIRONMENTAL ANALYSIS

7.1 INTRODUCTION

7.1.1 Soil samples of whole earth were recovered from the site at Carlisle Airport and processed in a flotation tank. The retents from these samples were collected in a 1mm mesh. The floating fraction was recovered by sieving the overflow through 500micron sieves. Flotation residues were also examined. In the trenches excavated 17 contexts were considered worth sampling. They all came from either Trench 137 or Trench 196. The samples came from postholes, pits and a ditch. All the whole earth samples were selected for processing in order to assess their environmental potential. This aids the provision of further information as to the depositional processes involved in their formation. The methodology employed required that the whole earth samples be broken down and split into their various different components. This was achieved by a combination of water washing and flotation. The recovered remains were then assessed for content.

7.1.2 Flotation separates the organic, floating fraction of the sample from the heavier mineral and finds content of sands, silts, clays, stones, artefacts and waterlogged material. Heavy soil and sediment content measuring less than 1mm falls through the retentive mesh to settle on the bottom of the tank. Flotation produces a 'flot' and a 'residue' for examination, whilst the heavier sediment retained in the tank is discarded. The method relies purely on the variation in density of the recovered material to separate it from the soil matrix, allowing for the recovery of ecofacts and artefacts from the whole earth sample.

7.1.3 The retent, like the residue from wet sieving, will contain any larger items of bone, or artefacts. The flot or floating fraction will generally contain organic material such as plant matter, fine bones, cloth, leather and insect remains. A rapid scan at this stage will allow further recommendations to be made as to the potential for further study by entomologists or palaeobotanists, with a view to retrieving vital economic information from the samples. Favourable preservation conditions can lead to the retrieval of organic remains that may produce a valuable suite of information in respect of the depositional environment of the material, which may include anthropogenic activity, seasonality and climate and elements of the economy.

7.1.4 The environmental samples from the site came from only two trenches. Samples 1 to 11 came from Trench 196. Samples 12 to 17 came from Trench 137. Trench 196 was extended to expose all the related features. These consisted of pits and post-holes that were all sampled for recovery of ecofacts and artefacts. A find of a flint was recovered from context (118) in [117], one of the larger pits. The flint, still with a small amount of cortex, had a small area of backing towards the tip but the tip was broken off so it had probably been discarded.

7.2 RESULTS

7.2.1 *Sample 1 – Trench 196, Context (104):* this sample was the secondary fill of pit [102]. The matrix was a dark grey/black silty fill with inclusions of degraded root matter. The retent was made up of stones, gravel and quartz fragments with an amount of amorphous organic matter present. The flot contained mainly root material. There was also some charred wood and the elytra (wing casing) of a beetle. Only one seed was present, that of raspberry. This showed no signs of fossilisation or charring and so was probably a modern intruder. This can also probably be said of the beetle part.

7.2.2 *Sample 2 – Trench 196, Context (124):* This sample also came from a fill, possibly of a small pit [123]. The retent of this sample was mainly made up of gravel and stones. The charred remains of wood, plants and heather were also present in small quantities, as were a small amount of roots and an amount of magnetic material. The flot was almost all charred wood with a small amount of root matter. This suggests a small pit or posthole rather than a burrow as originally thought.

7.2.3 *Sample 3 – Trench 196, Context (122):* this fill comes from a small pit [121]. From this light brownish-red silty sand fill the retent again produced mainly stones and gravel. There was also an amount of iron pan with small amounts of root and amorphous organic present. The flot yielded mostly charred wood. There was also one seed of raspberry and one of pale persicaria, both probably modern intruders.

7.2.4 *Sample 4 – Trench 196, Context (103):* this sample was the primary fill of pit [102]. The matrix was yellow-brown silty sand. The retent of this sample was made up of gravel and stones and contained a small amount of organic matter as charcoal and root material. There was also an amount of iron pan indicating high iron content dissolved in the water in this area. This dissolved iron is then deposited around the roots of plants etc when they take up water. It has a characteristic ‘rusty’ colour and is usually a thin ‘tube’ through which the root would have run.

7.2.5 The flot contained one charred grain of 6-row naked barley and a small amount of charred wood. There was also a sedge nutlet, a seed of raspberry and one of pale persicaria. As these were not charred or fossilised they were probably modern intruders.

7.2.6 *Sample 5 – Trench 196, Context (114):* this fill of cut [113] was brown silty sand with no inclusions. The retent was mainly stones with some gravel. A small amount of charred wood and root material were also present. The flot was mainly made up of root matter and a small amount of charred wood. The only macrofossils recovered from the sample were sclerotia (resting bodies) of the soil fungus *Cenococcum geophilum*.

7.2.7 *Sample 6 – Trench 196, Context (108):* from this dark grey-brown sandy silt, from the fill of a secondary cut in feature [107], the retent again produced only stones and gravel with a small amount of magnetic material. Charred wood and a small amount of amorphous organic material were also present, as well as some iron pan. The flot

yielded mostly charred wood and root material. Seeds present were raspberry and pale persicaria. These were probably modern as they were not charred or fossilised. Sclerotia of the soil fungus *Cenococcum geophilum* were also present, again indicating a woodland presence in the local environs.

7.2.8 *Sample 7 – Trench 196, Context (118):* from this grey-brown sandy silt with flecks of charcoal came a flint flake. This was the probable prehistoric fill for cut [117]. The retent produced mostly gravel with stones and a small amount of charred wood and also some root material. The flot, although there was no charred grain, produced a lot of charred wood. Again there was some root material and a seed each of raspberry and pale persicaria. The seeds were probably modern intruders as they showed no signs of charring or fossilisation.

7.2.9 *Sample 8 – Trench 196, Context (106):* this browny-yellow fill of cut [105] was silty sand with occasional clay pieces. It was the fill of an irregular cut. Most of the retent was again only stones and gravel with a little root matter. Most of the flot was root matter with a small amount of wood and a seed each of raspberry and pale persicaria. Again the seeds are probably modern intruders as they show no signs of charring or fossilisation.

7.2.10 *Sample 9 – Trench 196, Context (110):* the fill of cut [109], was dark grey-brown sandy silt with no inclusions. Mostly gravel with some stones the retent also contained a small amount of both charred wood and amorphous organic material. The flot was mainly charred wood with some root material. This sample produced the largest flot. It also contained sclerotia of the soil fungus *Cenococcum geophilum*, again indicating the close proximity in the past of members of the Fagaceae (oak, beech), Pinaceae (pines) and Betulaceae (hazel, hornbeam, alder, birch) species (Hudson, 1986).

7.2.11 *Sample 10 – Trench 196, Context (112):* from the fill of the shallow feature [111] came a dark grey sandy silt. The retent again produced mainly stones and gravel with small amounts of plant, wood and heather, all charred. The flot was all charred wood with some root matter.

7.2.12 *Sample 11 – Trench 196, Context (116):* the fill of shallow cut [115] was brown silty sand with no inclusions. The retent of mainly gravel also had stones and contained some iron pan and a small amount of charred wood and amorphous organic. The flot contained mainly roots and a small amount of charred wood.

7.2.13 *Sample 12 – Trench 137, Context (100):* from this dark brown loosely compacted silty soil, the fill of a small posthole [218], the retent again produced only stones and gravel with some iron pan and amorphous organic material and small amounts of charred heather and roots. The flot yielded mainly root material with a small amount of iron pan and a seed of *Chenopodium* Sp. the seed is probably modern due to it being uncharred and not fossilised.

7.2.14 *Sample 13 – Trench 137, Context (133):* from this secondary fill of [128], a dark brown firmly compacted black organic material, the retent produced mostly

amorphous organic material with some stones and gravel. The flot contained only root matter and one seed of *Chenopodium* species, probably modern.

7.2.15 *Sample 14 – Trench 137, Context (132):* from this mid grey firmly compacted silty soil, one of the fills of [128], the retent produced mainly gravel with some stones. Roots were also present and an amount of amorphous organic material with inclusions of charred wood and heather and a small amount of iron pan. The flot contained only root matter and more iron pan.

7.2.16 *Sample 15 – Trench 137, Context (131):* from a patchy orangey grey firmly compacted silty soil, the secondary fill of a linear ditch [128], the retent again produced mainly stones and gravel with a quantity of iron pan. The flot yielded mainly roots and small amounts of charred wood and bark fragments.

7.2.17 *Sample 16 – Trench 137, Context (130):* from this black loosely compacted organic material, one of the fills of ditch [128], the retent produced only gravel with a small amount of charred wood and charred plant material. The flot, a very small amount, contained mainly charred wood with a small amount of root matter.

7.2.18 *Sample 17 - Trench 137, Context (129):* from this firmly compacted silty clay, the primary fill of ditch [128], the retent again produced mainly stones and gravel with some root matter. There was also a small amount of charred wood and iron pan. The flot yielded mainly root matter with small amounts of charred wood and iron pan. The elytra (wing) of a species of coleoptera (beetle) was also present.

7.3 DISCUSSION

7.3.1 The sclerotia (resting bodies) of the soil fungus *Cenococcum geophilum* occurred in several Samples (5, 6 and 9). The fungus would have lived in the upper layers of the soil and is an ectomycorrhizal species which has mutualistic associations with some tree roots, particularly members of the Fagaceae, Pinaceae and Betulaceae (Hudson, 1986). It may then indicate the presence of woodland in the environs at the time of deposition of the material.

7.3.2 Charred grain was recovered only from Sample 4 (103). The charred grain was naked 6-row barley. Grain from sites of the Bronze Age period indicate that carbonised material recovered clearly shows that emmer wheat and naked barley were predominant during this era. Spelt wheat and hulled barley were introduced later at some unspecified point in time but hulled barley was certainly common in the Iron Age period (Huntley & Stallibrass 1995). This grain then points to a Bronze Age date for the feature but it should be viewed with caution, as there is only one grain present.

7.3.3 The sedge nutlet recovered from Sample 4 is an indicator of either infertile or waterlogged soils. (Fitter *et al* 1984). Drainage has a major impact on sedges in removal of habitat. The origins of this nutlet probably date to before the land was improved for the installation of the airport.

7.3.4 These assemblages provide little information about the function of the pits and ditch. The low number of plant remains may be a result of poor preservation conditions or may indicate that the function of the pits and ditch were unrelated to crops. The likelihood of their being from cess accumulation is very small.

7.3.5 It is not possible to comment further on the natural environment of the site as the only other recovered remains were raspberry (Samples 1, 3, 4, 6, 7 and 8), the arable weed seed pale persicaria (Samples 3, 4, 6, 7 and 8) and *Chenopodium* species (Samples 12 and 13). Both pale persicaria and *Chenopodium* species are weed seeds of arable land and waste places. The *Chenopodium* sp. occurred in Trench 137 while the raspberry and pale persicaria came from Trench 196. The trenches were in different areas of the site.

7.3.6 The plant remains, apart from the charred barley grain, do not provide any information about the age of the features from which the samples were removed. Such low numbers of macrofossils provide little palaeoenvironmental or economic information and therefore no further analysis is recommended for this material.

7.4 DATING

7.4.1 There is enough charred organic material for radiocarbon dating to be undertaken, which, along with the artefactual evidence, should help to date the features securely. It is important that at least two dates are obtained from the group of features associated with the flint find as this will determine whether they are from the Bronze Age period.

7.5 CONCLUSIONS

7.5.1 It is difficult to determine what the source of the charred grain and plant material was, given the limited information retrieved from the site. But charcoal was retrieved from all the samples indicating anthropogenic activity associated with the features.

7.5.2 The plant remains do not provide any information about the age of the features from which the samples were removed. Such low numbers of macrofossils provide little palaeoenvironmental or economic information and therefore no further analysis is recommended for this material.

8. CONCLUSIONS

8.1. ARCHAEOLOGICAL POTENTIAL

8.1.1 The area of proposed development is currently in use as a commercial airport. The walkover survey demonstrated the survival of a very limited number of earthworks within the airport boundary. These relate to post-medieval land management and at least two roadways, which were taken out during the construction of the airfield during the Second World War. A number of concrete and brick built structures were also examined which directly relate to the airport, probably either electricity sub-stations or watch posts.

8.1.2 The distinct lack of surviving earthworks can be attributed to a number of factors. It is clear from aerial photography that the land within the airport has been extensively ploughed both before and after the construction of the airport. Also the vegetation coverage was extensive, which partly concealed the ground surface.

8.1.3 In addition to the main survey, two fields to the east of current airport were investigated, though again due to the intensive cultivation and general agricultural usage of the land no surface archaeological features were visible. At the eastern side of the airport and adjacent to the main access road another small area was also examined. Within this field is the projected line of the Stanegate; archaeological excavations undertaken in the 1930s confirmed the presence of the road, revealing a metalled surface in a deliberate man-made cut know as Buckjumping.

8.1.4 The trenching also uncovered only limited evidence of archaeological features within the airport boundary. The reddish-orange re-deposited clay seen extensively in Area A within Development Area 1 is the result of extensive bull-dozing of the landscape, in order to provide a level surface for the construction of the runways during the construction phase of the airfield during the Second World War. A small grouping of ditches was recorded in the eastern side of Area B (Figure 5). Context [152] (combining the ditches observed in Trenches 137 and 141) within this grouping followed an east-west alignment for a possible 100m. An east-west aligned ditch seen in Trench 87 may also correspond with the northernmost of two ditches recorded in Trench 91. This alignment is not represented on the Ordnance Survey map and so may predate as well. The ditch does not appear on the First Edition Ordnance Survey map and so may predate the enclosure of Irthington Common which occurred in 1783.

8.1.5 A series of three parallel ditches ran in a north-south alignment through trenches in both Area B and Area E (Figures 5 and 8). The westernmost of the three ditches [153] was visible in Trenches 83, 85, 132 and 133; the central ditch [154] was recorded in Trenches 81, 83, 85 and 133, and the eastern ditch [155] was observed running through Trenches 83, 85, 121 and 133. The projected course of [155] would have taken it through Trench 81 however the extent of the landscaping has probably removed any trace of it in this area. As for ditch [152], these three ditches are not apparent on the First Edition Ordnance Survey map and so may predate it and the enclosure of the common. The ditches may indicate a physical field boundary in the

form of a hedge in the centre with a shallow edge-of-field ditch either side. The ditches appear to indicate a north-south field boundary which ran broadly parallel with the road between Irthington and Lane End Farm, probably the western boundary of an early encroachment onto the common. This was sub-divided into fields by a series of east-west ditches. All of these features in conjunction with each other may show the remains of an earlier field system, perhaps a strip arrangement originating in the later medieval period. The field system was presumably remodelled when the common was enclosed in the 18th century. All of these features were recorded in a geophysical survey conducted over the site (Railton 2007) and probably correspond to the interpretations of aerial photographs of the airfield in an earlier desk-based assessment of the site (Newman 2006).

8.1.6 Two other ditches were recorded towards the northern extent of Trench 132 in Area B. Ditch [148] was aligned northeast – southwest and when viewed in conjunction with the First Edition Ordnance Survey map relates to one of the boundaries depicted on the map. This is met by a northwest-southeast ditch that is also shown on the First Edition map, and if projected beyond the trench to the east would meet a current field boundary fence.

8.1.7 Extensive remodelling of the landscape during the construction of the airport could account for there being no discernable subsoil layer in Area C (Development Area 1), nor were there any features of archaeological interest; it appears as though the levelling that occurred removed any evidence of previous activity.

8.1.8 Within Area D in Trench 14 the east-west running ditch [216], which, when projected beyond either side of the trench, matched one of the boundaries shown on the First Edition Ordnance Survey map. A north-south running ditch seen appears to be set at right angles to the Trench 14 ditch, observed running through Trench 13 [214]. Although the north-south ditch does not appear on the First Edition Ordnance Survey map it may have been a later sub-division within the field.

8.1.9 Several linear features were recorded in this Area E. Trench 39 continued an east-west aligned ditch [186] which corresponds with a boundary shown on the First Edition Ordnance Survey map, and therefore was laid out as part of the enclosure of Irthington Common. In Trench 56 were a pair of north-south aligned ditches [188] was the western ditch [190] was the eastern. These are also shown on the First Edition map. The double ditch alignment may represent the shallow ditches each side of a field boundary, between which there may have been a hedge line or fence line. The northwest-southeast running ditch in Trench 65 [192] is not comparable to anything shown on the First Edition map. The feature produced a sherd of 18th century pottery from its upper fill and it may have been an early drainage ditch excavated on the common. A northwest-southeast running ditch seen in Trench 70 [194], was closely paralleled by another ditch on the same alignment, just a few metres to the south and observed in Trench 74 [198]. These both follow an enclosure boundary as depicted on the First Edition map and are presumably met by the ditch seen running northeast-southwest through Trench 73 [196], which is also an enclosure boundary ditch.

8.1.10 A further three ditches were recorded running north-south in Trench 88 [176] western, [178] central and [180] eastern, and appear to correspond to a boundary

shown on the First Edition Ordnance Survey map, representing a hedge line with flanking ditches.

8.1.11 In Area F, a ditch recorded in both Trench 201, as [201] and Trench 207, as [204], under the group number [203] ran in an east-west direction. It also aligns with one of the field boundaries depicted on the First Edition Ordnance Survey map, thereby denoting it to be an enclosure boundary of the late 18th century.

8.1.12 The features seen in Trench 212, [206] and [208] and Trench 219 [210], however, were not and may have been associated with either earlier field divisions in the area or land drain cuts.

8.1.13 The only significant archaeological remains were uncovered in Trench 196 in Area F, where a group of prehistoric features were revealed. The high density of surviving features could be attributed to the fact that on the First Edition Ordnance Survey map the area is within a tree copse, thereby offering protection from the extensive ploughing that occurred and landscape remodelling later (Figure 2). As the features were concentrated in the central section of the trench a decision was made to utilise the extra coverage available from the abandonment of Trench 199, and to extend the trench both to the northeast and southwest to gain a better view of the features. Features [111], [113], [115] and [123], when viewed with a further three, smaller more ephemeral features may constitute a fence line or palisade, representing postholes or settings for posts. Feature [121] when reviewed in conjunction with three more ephemeral features, could represent a basic four post structure. As well as the postholes, pits were recorded within the grouping, and from one of these pits [117], the flint flake was recovered, dated to the later Neolithic or Bronze Age period. Charred grain recovered from feature [102] also appears to indicate a Bronze Age date.

8.1.14 The paucity of finds and the apparent minimal amount of features of archaeological interest recovered from the evaluation trenches confirms that a great amount of information has been lost during the construction of the airfield, and through subsequent ploughing of the land. However, the evaluation did uncover evidence of some early field systems along the eastern side of the airport and prehistoric features to the south of the current terminal building.

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APPENDIX 1: CONTEXT LIST

Context Number	Trench	Type	Description
100	All		Topsoil
101	All		Natural Substrate
102	196	Cut	Cut for feature 'A'
103	196	Fill	Fill in [102]
104	196	Fill	Fill in [102]
105	196	Cut	Cut for feature 'B'
106	196	Fill	Fill of [105]
107	196	Cut	Secondary cut in 'B'
108	196	Fill	Fill of [107]
109	196	Cut	Cut for feature 'C'
110	196	Fill	Fill of [109]
111	196	Cut	Cut for feature 'D'
112	196	Fill	Fill of [111]
113	196	Cut	Cut for feature 'E'
114	196	Fill	Fill of [113]
115	196	Cut	Cut for feature 'G'
116	196	Fill	Fill of [115]
117	196	Cut	Cut for feature 'I'
118	196	Fill	Fill of [117]
119	196	Cut	Cut for feature 'N'
120	196	Fill	Fill of cut [119]
121	196	Cut	Cut for feature 'O'
122	196	Fill	Fill of [121]
123	196	Cut	Cut of potential posthole
124	196	Fill	Fill of [128]
125	141	Cut	Cut of ditch
126	141	Fill	Primary fill [125]
127	141	Fill	Secondary fill [125]
128	137	Cut	Linear ditch
129	137	Deposit	Primary fill [128]
130	137	Deposit	Deposit in [128]

131	137	Deposit	Secondary fill [128]
132	137	Deposit	Tertiary fill [128]
133	137	Deposit	Fill of [128]
134	120	Cut	Cut of ditch
135	120	Fill	Fill of ditch
136	132	Cut	Cut of ditch
137	132	Fill	Fill of ditch
138	121	Cut	Cut of ditch
139	121	Fill	Fill of ditch
140	133	Cut	Cut of ditch
141	133	Fill	Fill of ditch
142	133	Deposit	Silty deposit
143	133	Deposit	Clayey silt
144	133	Cut	Cut for drain
145	133	Deposit	Clay redeposit
146	133	Deposit	Topsoil and backfill
147	133	Deposit	Land drain
148	132	Cut	Primary cut of linear
149	132	Fill	Fill of [148]
150	132	Cut	Secondary cut of linear
151	132	Fill	Fill of [150]
152	137 + 141	Group	Combining Features
153	83+85+132+133	Group	Combining Features
154	81+83+85+133	Group	Combining Features
155	83+85+121+133	Group	Combining Features
156	133	Cut	Cut of Eastern Ditch
157	133	Fill	Fill of [156]
158	133	Cut	Cut of Central Ditch
159	133	Fill	Fill of [158]
160	81	Cut	Cut of Western Ditch
161	81	Fill	Fill of [160]
162	83	Cut	Cut of Western Ditch
163	83	Fill	Fill of [162]
164	83	Cut	Cut of Central Ditch

165	83	Fill	Fill of [164]
166	83	Cut	Cut of Eastern Ditch
167	83	Fill	Fill of [166]
168	85	Cut	Cut of Western Ditch
169	85	Fill	Fill of [168]
170	85	Cut	Cut of Central Ditch
171	85	Fill	Fill of [170]
172	85	Cut	Cut of Eastern Ditch
173	85	Fill	Fill of [172]
174	87	Cut	Cut of Ditch
175	87	Fill	Fill of [174]
176	88	Cut	Cut of Western Ditch
177	88	Fill	Fill of [176]
178	88	Cut	Cut of Central Ditch
179	88	Fill	Fill of [178]
180	88	Cut	Cut of Eastern Ditch
181	88	Fill	Fill of [180]
182	91	Cut	Cut of Northern Ditch
183	91	Fill	Fill of [182]
184	91	Cut	Cut of Southern Ditch
185	91	Fill	Fill of [184]
186	39	Cut	Cut of Ditch
187	39	Fill	Fill of [186]
188	56	Cut	Cut of Western Ditch
189	56	Fill	Fill of [188]
190	56	Cut	Cut of Eastern Ditch
191	56	Fill	Fill of [190]
192	65	Cut	Cut of Ditch
193	65	Fill	Fill of [192]
194	70	Cut	Cut of Ditch
195	70	Fill	Fill of [194]
196	73	Cut	Cut of Ditch
197	73	Fill	Fill of [196]
198	74	Cut	Cut of Ditch

199	74	Fill	Fill of [198]
200	87 + 91	Group	Combining Features
201	201	Cut	Cut of Ditch
202	201	Fill	Fill of [201]
203	201 + 207	Group	Combining Features
204	207	Cut	Cut of Ditch
205	207	Fill	Fill of [204]
206	212	Cut	Cut of Northern Ditch
207	212	Fill	Primary Fill of [206]
208	212	Cut	Cut of Southern Ditch
209	212	Fill	Fill of [208]
210	219	Cut	Cut of Ditch
211	219	Fill	Primary Fill of [210]
212	212	Fill	Secondary Fill of [206]
213	219	Fill	Secondary Fill of [210]
214	13	Cut	Cut of Ditch
215	13	Fill	Fill of [214]
216	14	Cut	Cut of Ditch
217	14	Fill	Fill of [216]
218	137	Cut	Posthole

Table 1: Context list of numbers issued during the evaluation.

APPENDIX 2: FINDS TABLE

Trench	Finds Summary	Status
1	Four metal objects detected from spoil	Discarded on site
2	One modern iron object and two modern metal objects detected	Discarded on site
4	Five modern metal objects from top/subsoil	Discarded on site
5	Three modern metal objects from top/subsoil	Discarded on site
6	Four modern metal objects from top/subsoil	Discarded on site
7	Four modern metal objects from top/subsoil	Discarded on site
8	Four modern metal objects from top/subsoil	Discarded on site
9	Three modern metal objects from top/subsoil	Discarded on site
10	Four modern metal objects from top/subsoil	Discarded on site
11	Four modern metal objects from top/subsoil	Discarded on site
12	Two modern metal objects from top/subsoil	Discarded on site
13	Three modern metal objects from top/subsoil	Discarded on site
14	Three modern metal features from top/subsoil	Discarded on site
15	Six modern metal objects from top/subsoil	Discarded on site
16	Three modern metal objects from top/subsoil	Discarded on site
17	Seven modern metal objects from top/subsoil	Discarded on site
18	Four modern metal objects from top/subsoil	Discarded on site
19	Three modern metal objects from top/subsoil	Discarded on site
20	Four modern metal objects from top/subsoil	Discarded on site
21	Seven modern metal objects from top/subsoil	Discarded on site
22	Three modern metal objects from top/subsoil	Discarded on site
26	Four modern metal objects and modern axe head from top/subsoil	Discarded on site
27	Six modern metal objects from top/subsoil	Discarded on site
28	Four modern metal objects from top/subsoil	Discarded on site
29	Two modern metal objects from top/subsoil	Discarded on site
30	Five modern metal objects from top/subsoil	Discarded on site

Trench	Finds Summary	Status
31	Six modern metal objects from top/subsoil	Discarded on site
32	Three modern metal objects from top/subsoil	Discarded on site
33	One modern metal object from top/subsoil	Discarded on site
34	Three modern metal objects from top/subsoil	Discarded on site
35	Four modern metal objects from top/subsoil	Discarded on site
36	Five modern metal objects from top/subsoil	Discarded on site
37	Three modern metal objects from top/subsoil	Discarded on site
38	Five modern metal objects from top/subsoil	Discarded on site
40	Two modern metal objects from top/subsoil	Discarded on site
41	Four modern metal objects from top/subsoil	Discarded on site
57	Sherd of pottery from spoil- glazed black, 19th century and redware brown/black glaze	Retained
65	Brown/red ware sherd 18th century from top of possible feature	Retained
67	Three modern metal objects from top/subsoil	Discarded on site
68	Four modern metal objects from top/subsoil	Discarded on site
71	Five modern metal objects from top/subsoil	Discarded on site
75	Four modern metal objects from top/subsoil	Discarded on site
76	Three modern metal objects from top/subsoil	Discarded on site
79	Six modern metal features from top/subsoil	Discarded on site
80	Four modern metal objects from top/subsoil	Discarded on site
82	Seven modern metal objects from top/subsoil	Discarded on site
84	Three modern metal objects from top/subsoil	Discarded on site
85	Three modern metal objects from top/subsoil	Discarded on site
86	Five modern metal objects from top/subsoil	Discarded on site
87	Five modern metal objects from top/subsoil	Discarded on site
88	Three modern metal objects from top/subsoil	Discarded on site
89	Seven modern metal objects from top/subsoil	Discarded on site
90	Four modern metal objects from top/subsoil	Discarded on site
91	Four modern metal objects from top/subsoil	Discarded on

Trench	Finds Summary	Status
		site
93	Four modern iron/metal objects detected and 19th century clay pipe from top/subsoil	Discarded on site
94	Modern nail from top/subsoil	Discarded on site
96	19th century undiagnostic clay pipe fragments, fourteen modern metal features	Discarded on site
97	Four modern metal objects detected from top/subsoil	Discarded on site
98	Five modern metal objects detected from top/subsoil	Discarded on site
99	Two modern metal features detected from top/subsoil	Discarded on site
100	Five modern metal features detected from top/subsoil	Discarded on site
101	Seven modern metal features detected from top/subsoil	Discarded on site
102	Three modern metal features detected from top/subsoil	Discarded on site
103	Two modern metal objects from top/subsoil	Discarded on site
104	Three modern metal features detected from top/subsoil	Discarded on site
105	Five modern metal objects from top/subsoil	Discarded on site
106	Four modern metal objects from top/subsoil	Discarded on site
107A	Four modern metal features from top/subsoil	Discarded on site
108	Three modern metal objects from top/subsoil	Discarded on site
109	Four modern metal features detected from top/subsoil	Discarded on site
110	Nine modern metal objects from top/subsoil	Discarded on site
113	Five modern metal objects from top/subsoil	Discarded on site
114	Four modern metal objects from top/subsoil	Discarded on site
115	Seven modern metal objects from top/subsoil	Discarded on site
117	Six modern metal objects from top/subsoil	Discarded on site
118	One modern metal feature unstratified	Discarded on site
119	Five iron objects detected from top/subsoil	Discarded on site
122	Three modern metal objects from top/subsoil	Discarded on site
123	Two modern metal objects from top/subsoil	Discarded on site
124	Three modern metal objects from top/subsoil	Discarded on site

Trench	Finds Summary	Status
125	Four modern metal objects from top/subsoil	Discarded on site
126	Three modern metal objects from top/subsoil	Discarded on site
127	Four modern metal objects from top/subsoil	Discarded on site
129	Five modern metal objects from top/subsoil	Discarded on site
130	Six modern metal objects from top/subsoil	Discarded on site
131	Four modern metal objects from top/subsoil	Discarded on site
134	One sherd of 20th century stoneware from top/subsoil	Discarded on site
137	One sherd of 20th century transfer printed ware from feature and stoneware from topsoil, slag observed in spoil	Discarded on site
146	One sherd of 19th / 20th century transfer printed ware, sherd of yellow slipware from top/subsoil	Discarded on site
148	Five modern metal objects from top/subsoil	Discarded on site
149	Seven modern metal objects from top/subsoil	Discarded on site
150	Four metal objects and one lead disc from top/subsoil	Discarded on site
151	Four modern metal objects from top/subsoil	Discarded on site
152	Four modern metal objects from top/subsoil	Discarded on site
153	Eight modern metal objects from top/subsoil	Discarded on site
154	Five modern metal objects from top/subsoil	Discarded on site
155	Four modern metal objects from top/subsoil	Discarded on site
156	Three modern metal objects from top/subsoil	Discarded on site
157	Four modern metal objects from top/subsoil	Discarded on site
158	Four modern metal objects from top/subsoil	Discarded on site
159	Four modern metal objects from top/subsoil	Discarded on site
160	Seven modern metal objects from top/subsoil	Discarded on site
163	One sherd of 20th century modern stoneware from top/subsoil	Discarded on site
173	19th century transfer ware from top/subsoil	Discarded on site
196	One unworked flint piece from top/subsoil	Retained
197	One sherd of twentieth century stoneware from top/subsoil	Discarded on site
198	Twentieth century glass bottle sherds from field drain backfill	Discarded on

Trench	Finds Summary	Status
		site
220	One sherd of yellow slipware from top/subsoil	Discarded on site
224	Two sherds of yellow slip earthenware from top/subsoil	Discarded on site

Table 2: Summary of datable artefacts seen in evaluation trenches

APPENDIX 3: ENVIRONMENTAL ANALYSES TABLES

ENVIRONMENTAL DATA
SAMPLE DETAILS AND VOLUMES RECOVERED

Sample details for NPA07 AIR-A			Volumes of material		
Sample no	**Context no**	**Trench**	**Sample (litres)**	**Retent (mls)**	**Flot (mls)**
1	104	196	10.0	150	20
2	124	196	1.0	10	10
3	122	196	1.5	200	15
4	103	196	10.0	650	70
5	114	196	2.0	450	8
6	108	196	10.0	250	100
7	118	196	10.0	250	50
8	106	196	7.0	500	20
9	110	196	10.0	250	100
10	112	196	0.5	10	5
11	116	196	1.5	100	8
12	100	137	20.0	150	100
13	133	137	2.0	20	10
14	132	137	10.0	30	12
15	131	137	10.0	200	15
16	130	137	0.5	10	1
17	129	137	10.0	450	8

Table 3: Details of samples and contexts.

SITE CODE NPA07 AIR-A				CONSTITUENT ECOFACTS/ ARTEFACTS OF THE RETENTS														
SAMPLE NUMBER	CONTEXT NUMBER	CONTEXT TYPE	SOIL CONDITION	Stones	Gravel	Quartz Fragments	Pottery	Metalwork	Magnetic	Nut shells	Charred wood	Charred plant material	Bone	Burnt bone	Amorphous organic	Charred heather	Roots	Iron pan
1	104	F	M	1	1	1	0	0	1	0	1	1	0	0	2	1	1	1
2	124	F	M	3	3	0	0	0	2	0	1	1	0	0	1	1	1	0
3	122	F	M	2	2	1	0	0	0	0	0	0	0	0	1	0	1	2
4	103	F	M	1	2	1	0	0	0	0	1	0	0	0	0	0	1	2
5	114	F	M	3	2	1	0	0	0	0	1	0	0	0	0	0	1	0
6	108	F	M	1	2	1	0	0	1	0	2	0	0	0	1	0	1	1
7	118	F	M	1	3	1	0	0	0	0	1	0	0	0	0	0	2	0
8	106	F	M	2	2	1	0	0	0	0	0	0	0	0	0	0	1	0
9	110	F	M	2	3	1	0	0	0	0	1	0	0	0	1	0	0	0
10	112	F	M	1	1	1	0	0	0	0	1	1	0	0	0	1	0	0
11	116	F	M	1	3	1	0	0	1	0	1	0	0	0	1	0	0	2
12	100	L	M	2	2	2	0	0	0	0	0	0	0	0	2	1	1	2
13	133	F	M	1	2	2	0	0	0	0	0	0	0	0	3	0	0	0
14	132	F	M	1	3	1	0	0	0	0	1	0	0	0	2	1	2	1
15	131	F	M	2	2	1	0	0	0	0	1	0	0	0	0	0	1	2
16	130	D	M	0	3	2	0	0	0	0	1	1	0	0	0	0	0	0
17	129	F	M	2	2	1	0	0	0	0	1	0	0	0	0	0	2	1

Table 4: Contents of retent residues from samples.

FLOT DATA SITE CODE NPA07 AIR-A

Sample number	Context number	Charred grain	Raspberry	Pale persicaria	*Carex* species	*Chenopodium*	Dock	Nut shells	Sclerotia	Charred wood	Bark	Iron pan	Larvae/insects	Roots
1	104	0	1	0	0	0	0	0	0	1	0	0	1	3
2	124	0	0	0	0	0	0	0	0	3	0	0	0	1
3	122	0	1	1	0	0	1	0	0	1	0	0	0	0
4	103	1	1	1	1	0	0	0	1	1	0	0	1	3
5	114	0	0	0	0	0	0	0	1	1	0	0	0	3
6	108	0	1	1	0	0	0	0	1	2	0	0	0	2
7	118	0	1	1	0	0	0	0	0	3	0	0	0	2
8	106	0	1	1	0	0	0	0	0	1	0	0	0	3
9	110	0	0	0	0	0	0	0	1	3	0	0	0	2
10	112	0	0	0	0	0	0	0	0	3	0	0	0	2
11	116	0	0	0	0	0	0	0	0	1	0	0	0	3
12	100	0	0	0	0	1	0	0	0	0	0	1	0	3
13	133	0	0	0	0	1	0	0	0	0	0	0	0	3
14	132	0	0	0	0	0	0	0	0	0	0	2	0	3
15	131	0	0	0	0	0	0	0	0	1	1	0	0	3
16	130	0	0	0	0	0	0	0	0	3	0	0	0	1
17	129	0	0	0	0	0	0	0	0	1	0	1	1	3

Table 5: Contents of flot residues from samples.

Key to tables: M = moist, Fill = ditch, posthole or pit fill, L = layer. Contents assessed by scale of richness 0 to 3. 0 = not present, 1 = present, 2 = common, 3 = abundant.

APPENDIX 4: TRENCH SUMMARIES

Trench: 1	**Width:** 01.80m	**Length:** 28.00m	**Maximum Depth:** 01.15m		**Minimum Depth:** 00.85m		
TOPSOIL:	MID	BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m	
SUBSOIL:	MID	ORANGE	FIRM	CLAY	**Depth:**	00.30m	
NATURAL:	LIGHT	YELLOW-ORANGE	FIRM	SILTY CLAY	**Depth:**	00.10m	

Description of any Features:
ONE SERVICE WAS ENCOUNTERED WITHIN THE TRENCH, REQUIRING AN UNEXCAVATED AREA AT THE CENTRE TO PROTECT THE ELECTRICITY CABLE FROM DAMAGE

Trench: 2	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 0 .60m		**Minimum Depth:** 1 .03m		
TOPSOIL:	DARK	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	0.56m	
SUBSOIL:	DARK	GREY-BROWN	SOFT	SANDY CLAY	**Depth:**	0.24m	
NATURAL:	LIGHT	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**		

Description of any Features:
THREE LAND DRAINS EACH MEASURING 0.25M IN WIDTH WERE OBSERVED, EVENLY SPACED ACROSS THE EXTENT OF THE TRENCH

Trench: 3	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.55m		**Minimum Depth:** 00.35m		
TOPSOIL:	DARK	GREY	SOFT	SANDY LOAM	**Depth:**	00.45m	
SUBSOIL:					**Depth:**		
NATURAL:	LIGHT	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m	

Description of any Features:
THREE MODERN LAND DRAINS WERE LOCATED WITHIN THE DITCH 0.25M WIDE, ALL WITHIN THE NORTH-WESTERN HALF OF THE TRENCH

Trench: 4	**Width:** 01.80m	**Length:** 29.00m	**Maximum Depth:** 00.90m		**Minimum Depth:** 00.85m		
TOPSOIL:	DARK	BROWN	SOFT	SANDY LOAM	**Depth:**	0.25m	
SUBSOIL:	MID	ORANGE-BROWN	SOFT	SANDY CLAY	**Depth:**	0.28m	
NATURAL:	LIGHT	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	0.1m	

Description of any Features:

Trench: 5	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.50m		**Minimum Depth:** 00.40m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.45m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.05m	

Description of any Features:
TWO LAND DRAINS OF 0.25M WIDTH WERE LOCATED RUNNING NORTH TO SOUTH WITHIN THE SOUTH-WESTERN HALF OF THE TRENCH

Trench: 6	**Width:** 01.80m	**Length:** 29. m	**Maximum Depth:** 01.07m		**Minimum Depth:** 00.75m		
TOPSOIL:	DARK	GREY	SOFT	SANDY LOAM	**Depth:**	0.30m	
SUBSOIL:	MID	ORANGE-BROWN	SOFT	SANDY CLAY	**Depth:**	0.22m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	0.1m	

Description of any Features:
1 LAND DRAIN MEASURING 0.25M IN WIDTH OBSERVED TOWARDS THE NORTH OF THE CENTRE OF THE

Trench: 7	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.70m		**Minimum Depth:** 00.50m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY SOIL	**Depth:**	0.80m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	0.10m	

Description of any Features:
FOUR LAND DRAINS EACH MEASURING 0.25M IN WIDTH, 2 LOCATED CLOSE TOGETHER IN THE SOUTHERN END OF THE TRENCH, ONE TOWARDS THE CENTRE, AND A FURTHER ONE PRESENT IN THE NORTHERN THIRD OF THE TRENCH.

Trench: 8	**Width:** 01.80m	**Length:** 30. m	**Maximum Depth:** 00.40m		**Minimum Depth:** 00.32m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	0.30m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.05m	

Description of any Features:
FOUR LAND DRAINS, EACH MEASURING 0.25M IN WIDTH, WERE OBSERVED IN THE TRENCH, THREE IN THE SOUTHERN PART OF THE TRENCH AND ONE IN THE NORTHERN THIRD OF THE TRENCH. ALL WERE RUNNING NORTH-EAST TO SOUTH-WEST, AND ONE RUNNING NORTH TO SOUTH.

Trench: 9	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.42m	**Minimum Depth:** 00.40m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.05m	

Description of any Features:
TWO LAND DRAINS, EACH MEASURING 0.25M IN WIDTH WERE OBSERVED, ONE IN THE NORTHERN THIRD OF THE TRENCH, AND ONE IN THE SOUTHERN THORD

Trench: 10	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.55m	**Minimum Depth:** 00.40m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.05m	

Description of any Features:
TWO LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, EACH MEASURING 0.25M. ONE WAS LOCATED IN THE TOP THIRD OF THE NORTHERN PART OF THE TRENCH, AND ONE IN THE SOUTHERN THIRD.

Trench: 11	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.85m	**Minimum Depth:** 00.55m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.50m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m	

Description of any Features:
TWO LAND DRAINS, EACH OF 0.25M IN WIDTH, WERE LOCATED WITHIN THE TRENCH, ONE IN THE NORTHERN THIRD OF THE TRENCH AND ONE IN THE SOUTHERN THIRD

Trench: 12	**Width:**	01.80m	**Length:**	27.00m	**Maximum Depth:**	00.40m	**Minimum Depth:** 00.32m
TOPSOIL:	MID	BROWN-GREY	SOFT	SANDY LOAM	**Depth:**	00.28m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.07m	

Description of any Features:
ONE LAND DRAIN WAS OBSERVED WITHIN THE TRENCH, OF 0.25M IN WIDTH, WITHIN THE NORTHERN HALF OF THE TRENCH

Trench: 13	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.58m	**Minimum Depth:** 00.28m
TOPSOIL:	MID	BROWN-GREY	SOFT	SANDY LOAM	**Depth:**	00.24m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS WERE OBSERVED IN THE TRECNH, ONE RUNNING NORTH-EAST TO SOUTH-WEST AT THE VERY NORTHERN EDGE OF THE TRENCH, AND ONE RUNNING NORTH-WEST TO SOUTH-EAST IN THE SOUTHERN THIRD OF THE TRENCH

Trench: 14	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.58m	**Minimum Depth:** 00.30m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.48m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	GREY-BROWN	FIRM	SANDY SILT	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS WERE OBSERVED IN THE TRENCH, EACH MEASURING 0.25M, RUNNING NORTH-EAST TO SOUTH-WEST, ONE IN THE NORTHERN THIRD, AND ONE IN THE SOUTHERN THIRD, OF THE TRENCH. A MODERN FIELD BOPUNDARY WAS ALSO NOTED, RUNNINE EAST-WEST ACROSS THE CENTRE OF THE TRENCH

Trench: 15	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.41m	**Minimum Depth:** 00.30m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS WERE OBSERVED IN THE TRENCH, RUNNING EAST TO WEST, IN THE NORTHERN THIRD AND ANOTHER IN THE SOUTHERN THIRD OF THE TRENCH

Trench: 16 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN, MEASURING 0.25M IN WIDTH, WAS OBSERVED RUNNING EAST-WEST IN THE NORTHERN EXTREMITY. A SERVICE WAS ALSO VISIBLE IN THE NORTHERNMOST SECTION OF THE TRENCH

Trench: 17 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.72m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.24m
SUBSOIL:	MID	ORANGE	SOFT	SAND	**Depth:**	00.24m
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.10m

Description of any Features:
ONE SMALL SECTION OF WIRE WAS VSIBLE IN THE EASTERN SECTION OF THE TRENCH, POSSIBLY REMNANTS OF A MODERN SERVICE

Trench: 18 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.35m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.05m

Description of any Features:
TWO LAND DRAINS WERE OBSERVED RUNNING EAST-WEST, MEASURING 0.25M IN WIDTH, ONE RUNNING ACROSS THE EASTERN THIRD OF THE TRENCH, AND ONE ACROSS THE WESTERN END.

Trench: 19 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.35m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m

Description of any Features:
ONE LAND DRAIN MEASURING 0.25M WAS OBSERVED RUNNING NORTH-EAST- SOUTH-EAST ACROSS THE CENTRE OF THE TRENCH.

Trench: 20 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.38m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.38m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m

Description of any Features:
TWO MODERN LAND DRAINS WERE RECORDED WITHIN THE TRENCH, BOTH MEASURING 0.25M IN WIDTH, ONE LOCATED IN THE NORTH-EASTERN PART OF THE TRENCH, AND ONE IN THE SOUTH-WESTERN THIRD, BOTH RUNNING NORTH-SOUTH

Trench: 21 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.35m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m

Description of any Features:

Trench: 22 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.60m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.50m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:
TWO MODERN LAND DRAINS 0.25M WIDE RAN WITHIN THE NORTH-EASTERN HALF OF THE TRENCH ON A NORTH TO SOUTH ALIGNMENT

Trench: 23 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.28m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
TWO LAND DRAINS WERE OBSERVED IN THE TRENCH, BOTH MEASURING 0.25M, RUNNING EAST TO WEST, AND BOTH LOCATED IN THE SOUTHERN PART OF THE TRENCH

Trench: 24 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.54m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS, EACH MEASURING 0.25M IN WIDTH, WERE OBSERVED WITHIN THE TRENCH. TWO WERE LOCATED IN THE NORTHERN THIRD OF THE TRENCH, AND ONE WAS LOCATED TOWARDS THE SOUTHERN PART OF THE TRENCH, EACH RUNNING EAST-WEST

Trench: 25 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.36m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN WAS LOCATED WITHIN THE TRENCH RUNNING NORTH-WEST TO SOUTH-EAST COVERING MUCH OF THE CENTRE OF THE TRENCH. IT MEASURED 0.25M IN WIDTH

Trench: 26 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.39m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.25m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SILTY CLAYEY SAND	**Depth:**	00.14m

Description of any Features:
THREE LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, ALL MEASURING 0.25M IN LENGTH, SPACED EVENLY ACROSS THE EXTENT OF THE TRENCH, RUNNING NORTH-WEST TO SOUTH-EAST

Trench: 27 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.38m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.29m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILT	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS WERE LCOATED WITHIN THE TRENCH, TWO WITHIN THE NORTH-WESTERN PART OF THE TRENCH, AND ONE IN THE SOUTH-EASTERN THIRD. ALL MEASURED 0.25M IN WIDTH AND RAN

Trench: 28 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.43m **Minimum Depth:** 00.23m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.28m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SILTY CLAYEY SAND	**Depth:**	00.15m

Description of any Features:
ONE LAND DRAIN MEASURING 0.25M IN WIDTH WAS LOCATED IN THE EASTERN EXTREME OF THE TRENCH

Trench: 29 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.28m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SILTY CLAYEY SAND	**Depth:**	00.05m

Description of any Features:
TWO LAND DRAINS WERE RECORDED FROM WITHIN THE TRENCH, BOTH MEASURING 0.25M IN WIDTH, AND ONE LOCATED IN THE NORTH-WESTERN PART OF THE TRENCH, ONE IN THE SOUTH-EASTERN PART, EACH RUNNING EAST-WEST

Trench: 30 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.35m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m

Description of any Features:
TWO MODERN LAND DRAINS WERE OBSERVED IN THE TRENCH, BOTH 0.25M WIDE, ONE LOCATED AT THE CENTRE OF THE TRENCH, AND ONE IN THE NORTH-WESTERN EXTREM. BOTH RAN EAST-WEST.

Trench: 31 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.32m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY CLAY	**Depth:**	00.10m

Description of any Features:

FIVE LAND DRAINS WERE OBSERVED OF 0.25M IN WIDTH SPANNING THE LENGTH OF THE TRENCH, ALL RUNNING EAST-WEST

Trench: 32 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.35m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT YELLOW-GREY SOFT SANDY CLAY **Depth:** 00.10m
Description of any Features:
SEVEN LAND DRAINS WERE RECORDED WITHIN THE TRENCH, THREE RUNNING NORTH-EAST TO SOUTH-WEST AND FOUR RUNNING EAST-WEST. ALL OF THE LAND DRAINS MEASURED 0.25M IN WIDTH

Trench: 33 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.45m
TOPSOIL: MID GREY-BROWN SOFT SANDY CLAY **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILT **Depth:** 00.10m
Description of any Features:
SIX LAND DRAINS WERE LOCATED WITHIN THIS TRENCH, THREE SPREAD EVENLY ACROSS THE NORTH-WESTERN PART OF THE TRENCH, AND THREE ACROSS THE SOUTH-EASTERN PART. ALL MEASURED 0.25M IN WIDTH

Trench: 34 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.42m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.50m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
FOUR LAND DRAINS WERE RECORDED WITHIN TRENCH 34, ALL MEASURING 0.25M IN WIDTH, THREE OF WHICH RAN NORTH-WEST TO SOUTH-EAST, AND ONE OF WHICH RAN EAST-WEST. TWO WERE FOUND CLOSE TOGETHER IN THE NORTHERN PART OF THE TRENCH, AND TWO MORE WIDELY SPACED IN THE SOUTHERN HALF OF THE TRENCH

Trench: 35 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.35m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT YELLOW-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
TWO MODERN LAND DRAINS WERE OBSERVED RUNNING EAST WEST ACROSS THE TRENCH, EACH MEASURING 0.25M IN WIDTH.

Trench: 36 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.44m **Minimum Depth:** 00.31m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
EIGHT MODERN LAND DRAINS WERE OBSERVED SPANNING THE TRENCH.

Trench: 37 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.28m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
SEVEN MODERN LAND DRAINS WERE SITUATED WITHIN THE TRENCH, FOUR WITHIN THE SOUTH-EASTERN HALF, AND THREE WITHIN THE NORTH-WESTERN HALF, ALL MEASURING 0.25M IN WIDTH. FOUR RAN NORTH-EAST TO SOUTH-WEST, AND THREE RAN EAST TO WEST

Trench: 38 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SIT **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS WERE OBSERVED RUNNING EAST-WEST, ONE LOCATED IN THE NORTH-EASTERN THIRD OF THE TRENCH AND ONE IN THE SOUTH-WESTERN THIRD, BOTH BEING 0.25M IN WIDTH.

Trench: 39 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.84m **Minimum Depth:** 00.55m
TOPSOIL: MID GREY-BROWN SOFT SANDY SILT **Depth:** 00.50m

SUBSOIL:	DARK	GREY-BROWN	SOFT	SILT	**Depth:**	00.20m
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS WERE OBSERVED, REGULARLY SPACED AND RUNNING EAST-WEST ACROSS THE TRENCH. EACH WAS 0.25M WIDE.

IN ADDITION, A LINEAR FEATURE WAS RECORDED, AND EXCAVATED, LOCATED IN THE NORTH- WESTERN PART OF THE TRENCH, 1.41M FROM THE NORTH-WESTERN EDGE. THIS WAS A SHALLOW U-SHAPED FEATURE WITH IRREGULAR BASE, MEASURING 1.28M IN WIDTH AND 0.07M IN DEPTH. IT RAN THE WIDTH OF THE TRENCH, MAKING ITSTOTAL LENGTH UNOBTAINABLE.

Trench: 40 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.28m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
FOUR LAND DRAINS WERE OBSERVED WITHIN THE TRENCH OF 0.25M WIDE. THEY RAN NORTH-EAST TO SOUTH-WEST AND WERE EVENLY SPACED ACROSS THE LENGTH OF THE TRENCH

Trench: 41 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.69m **Minimum Depth:** 00.50m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY SILT	**Depth:**	00.20m
SUBSOIL:	LIGHT	RED	FIRM	CLAY	**Depth:**	00.10m
NATURAL:	MID	YELLOW-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
TWO LAND DRAINS WERE VISIBLE WITHIN THE TRENCH, MEASURING 0.25M IN WIDTH AND RUNNING EAST-WEST. ONE OCCURRED TOWARDS THE SOUTH-WESTERN PART OF THE TRENCH, AND ONE TOWARDS THE NORTH-EASTERN PART

Trench: 42 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.20m **Minimum Depth:** 00.90m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:	MID	ORANGE *	FIRM	SILTY CLAYEY SAND	**Depth:**	00.20m
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.30m

Description of any Features:
* A SECOND SUBSOIL WAS VISIBLE BELOW THE FIRM ORANGE SILTY CLAYEY SAND SUBSOIL WHICH WAS A DARK GREY FIRM SILTY CLAY OF 00.50M IN DEPTH.

SIX LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, THREE OF WHICH WERE ONLY VISIBLE IN SECTION, WHICH HAD BEEN CUT THROUGH DURING EXCAVATION. THEY WERE LOCATED IN EVEN SPACING ACROSS THE LENGTH OF THE TRENCH, AND RAN NORTH-WEST SOUTH-EAST.

Trench: 43 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SILTY SAND	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS OF 0.25M WIDE WERE LOCATED WITHIN THE TRENCH, EVENLY SPACED ACROSS ITS LENGTH, AND RUNNING NORTH-SOUTH.

Trench: 44 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.34m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN WAS LOCATED TOWARDS THE CENTRE OF THE TRENCH, RUNNING EAST-WEST AND MEASURING 0.25M IN WIDTH

Trench: 45 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.38m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m

Description of any Features:
THREE LAND DRAINS WERE EVENLY SPACED RUNNING ACROSS THE TRENCH IN AN EAST-WEST DIRECTION. EACH WAS 0.25M IN WIDTH

Trench: 46	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.60m		**Minimum Depth:** 00.50m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.45m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS WERE DISCOVERED WITHIN THE TRENCH, RUNNING NORTH-WEST SOUTH-EAST AND MEASURING 0.25M IN WIDTH.

Trench: 47	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 01.07m		**Minimum Depth:** 00.83m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.70m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, RUNNING EAST-WEST, ONE IN THE NORTH-EASTERN THIRD OF THE TRENCH, AND ONE WITHIN THE SOUTH-WESTERN THIRD

Trench: 48	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 01.50m		**Minimum Depth:** 00.70m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m	
SUBSOIL:	MID	RED-ORANGE *	FIRM	CLAY	**Depth:**	00.43m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.30m	

Description of any Features:
* A SECOND SUBSOIL WAS VISIBLE IN SECTION BENEATH THE RED-ORANGE FIRM CLAY SUBSOIL, WHICH WAS A DARK GREY FIRM SILTY CLAY OF 0.60M IN DEPTH.

THE TRENCH WAS NOT CLEANED DUE TO HEALTH AND SAFETY REASONS BASED ON EXCESSSIVE DEPTH OF TRENCH. IN ADDITION, IT WAS NOT FULLY EXCAVATED, AS A 'STEP' WAS LEFT IN SURROUNDING A SEWERAGE PIPE TO PREVENT DAMAGE TO THE SERVICE.

THREE LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, TWO RUNNING NORTH-EAST TO SOUTH-WEST AND ONE RUNNING NORTH-WEST TO SOUTH-EAST, EACH 0.25M WIDE. THE SEWERAGE PIPE RAN EAST TO WEST ACROSS THE NORTH-WESTERN THIRD OF THE TRENCH

Trench: 49	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 01.50m		**Minimum Depth:** 00.88m		
TOPSOIL:	MID	ORANGE-GREY-BR	SOFT	SANDY LOAM	**Depth:**	00.42m	
SUBSOIL:	DARK	GREY-BROWN	SOFT	ORGANIC CLAY-LIKE	**Depth:**	00.30m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.30m	

Description of any Features:
FOUR LAND DRAINS, 0.25M WIDE WERE VISIBLE IN THE TRENCH. TWO RAN EAST TO WEST, AND TWO RAN NORTH-WEST TO SOUTH-EAST, AND THEY WERE SPACED EVENLY ACROSS THE LENGTH OF THE TRENCH.

Trench: 50	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 01.10m		**Minimum Depth:** 00.90m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.38m	
SUBSOIL:	DARK	BROWN	SOFT	SANDY SILTY LOAM	**Depth:**	00.30m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.20m	

Description of any Features:
ONE LAND DRAIN WAS VISIBLE WITHIN THE TRENCH, LOCATED AT THE SOUTH-WESTERN PART OF THE TRENCH RUNNING NORTH-WEST TO SOUTH-EAST. IT MEASURED 0.25M WIDE.

ONE SERVICE PIPE WAS LOCATED RUNNING EAST-WEST ACROSS THE NORTH-EASTERN PART OF THE TRENCH, AND AN AREA OF 3.2M IN TOTAL SURROUNDING THE SEWERAGE PIPE WAS NOT FULLY EXCAVATED TO AVOID DAMAGE TO IT, RESULTING IN A 'STEP' AT THE NORTH-EASTERN END

Trench: 51	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.90m		**Minimum Depth:** 00.67m		
TOPSOIL:	MID	GEY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.65m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS EXTENDED ACROSS THE TRENCH, HEADING NORTH-EAST TO SOUTH-WEST AND MEASURING 0.25M WIDE. BOTH WERE LOCATED WITHIN THE NORTH-WESTERN HALF OF THE TRENCH

Trench: 52	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 01.10m		**Minimum Depth:** 00.90m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.70m	
SUBSOIL:					**Depth:**		

NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.20m
Description of any Features:
ONE LAND DRAIN WAS VISIBLE WITHIN THE TRENCH, 0.25M WIDE AND RUNNING NORTH-EAST TO SOUTH-WEST ACROSS THE WESTERN END OF THE TRENCH

Trench: 53 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.85m **Minimum Depth:** 00.82m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.50m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS WERE VISIBLE IN SECTION BUT NOT IN PLAN.

Trench: 54 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.65m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.60m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.05m
Description of any Features:
TWO LAND DRAINS WERE ENCOUNTERED WITHIN THE TRENCH RUNNING NORTH TO SOUTH AND 0.25M WIDE

Trench: 55 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.35m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN- FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS 0.25M WIDE WERE VISIBLE IN THE TRENCH, BOTH WITHIN THE SOUTH-WESTERN HALF AND BOTH RUNNING NORTH-WEST TO SOUTH-EAST

Trench: 56 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.65m **Minimum Depth:** 00.50m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.45m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SILTY SANDY CLAY **Depth:** 00.05m
Description of any Features:
TWO LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, BOTH RUNNING NORTH TO SOUTH AND 0.25M WIDE, ONE LOCATED IN THE NORTH-EASTERN EXTENT OF THE TRENCH AND ONE TOWARDS THE SOUTH-WESTERN EXTENT.

TWO FEATURES WERE HALF-SECTIONED WITHIN THE TRENCH. FEATURE 1 WAS LOCATED 3.9M FROM THE NORTH-EASTERN EDGE OF THE TRENCH, WAS 1.9M WIDE, 0.18M DEEP AND SPANNED THE WIDTH OF THE TRENCH. IT WAS ROUGHLY U-SHAPED WITH A GRADUAL SLOPE AND AN IRREGULAR BASE WITH OCCASIONAL STONE INCLUSIONS WITHIN THE FILL FEATURE 2 WAS LOCATED 3.32M TO THE SOUTH-WEST OF FEATURE 1 AND WAS 1.7M WIDE, 0.06M DEEP AND AGAIN, U-SHAPED. THERE WAS EVIDENCE FOR TREE-BOLE DISTURBANCE IN THE BASE OF THE FEATURE IN THE FORM OF PITTING IN THE BASE. BOTH FEATURES WERE PROBABLE FIELD BOUNDARIES.

Trench: 57 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.68m **Minimum Depth:** 00.38m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.35m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SILTY SANDY CLAY **Depth:** 00.10m
Description of any Features:
SIX LAND DRAINS OF 0.25M WIDTH WERE LOCATED WITHIN THE TRENCH. THREE IN THE WESTERN HALF AND THREE IN THE EASTERN HALF. THREE RAN NORTH TO SOUTH AND THREE RAN NORTH-EAST TO SOUTH-WEST

Trench: 58 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.68m **Minimum Depth:** 00.58m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.33m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILT CLAY **Depth:** 00.20m
Description of any Features:
TWO LAND DRAINS 0.25M WIDE WERE RECORDED RUNNING EAST TO WEST ACROSS THE TRENCH, ONE RAN INTO THE WESTERN SECTION, AND ONE WAS LOCATED TOWARDS THE EASTERN EDGE OF THE TRENCH

Trench: 59 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.75m **Minimum Depth:** 00.50m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**

NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS 0.25M WIDE WERE RECORDED RUNNING EAST TO WEST ACROSS THE TRENCH, ONE WAS LOCATED WITHIN THE NORTH-EASTERN HALF OF THE TRENCH, AND ONE WAS LOCATED WITHIN THE SOUTH-WESTERN HALF OF THE TRENCH

Trench: 60 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.68m **Minimum Depth:** 00.42m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SILTY SANDY CLAY **Depth:** 00.10m
Description of any Features:
THREE MODERN LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, 0.25M WIDE.ONE RAN EAST TO WEST, AND THE OTHERS RAN NORTH-EAST TO SOUTH-WEST

Trench: 61 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.72m **Minimum Depth:** 00.52m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SILTY CLAYEY SAND **Depth:** 00.10m
Description of any Features:
FOUR LAND DRAINS MEASURING 0.25M IN WIDTH WERE LOCATED IN THE TRENCH. THE NORTH-EASTERNMOST TWO RAN NORTH-WEST TO SOUTH-EAST, AND THE SOUTH-WESTERNMOST TWO RAN

Trench: 62 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.62m **Minimum Depth:** 00.48m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.38m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SILTY SANDY CLAY **Depth:** 00.10m
Description of any Features:
FOUR LAND DRAINS WERE OBSERVED WITHIN THE TRENCH. THREE WERE LOCATED IN THE NORTH-WESTERN THIRD OF THE TRENCH, AND ONE WITHIN THE SOUTH-EASTERN THIRD. ALL MEASURED 0.25M IN WIDTH AND WERE ALIGNED NORTH-SOUTH

Trench: 63 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 01.40m **Minimum Depth:** 00.55m
TOPSOIL: LIGHT BROWN LOOSE SANDY LOAM **Depth:** 00.12m
SUBSOIL: DARK GREY-BROWN SOFT SANDY LOAM **Depth:** 00.10m
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.06m
Description of any Features:

Trench: 64 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.57m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.43m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.16m
Description of any Features:
FOUR LAND SRAINS 0.25M WIDE WERE LOCATED WITHIN THE TRENCH. THREE WERE LOCATED CLOSE TOGETHER WITHIN THE SOUTH-EASTERN THIRD OF THE TRENCH, WHILST THE OTHER WAS LOCATED WITHIN THE NORTH-WESTERN THIRD OF THE TRENCH. TWO RAN EAST TO WEST, AND TWO NORTH-EAST TO SOUTH-WEST

Trench: 65 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.63m **Minimum Depth:** 00.52m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.20m
Description of any Features:
THREE LAND DRAINS 0.25M WIDE WERE OBSERVED WITHIN THE TRENCH, TWO RAN NORTH-WEST TO SOUTH-EAST, AND ONE EAST-WEST. TWO OCCURRED EITHER SIDE OF A LINEAR FEATURE, WHICH WAS A U-SHAPED IRREGULAR BASED FEATURE, THOUGHT BY THE EXCAVATOR TO HAVE ONCE BEEN A FIELD BOUNDARY.

A SMALL SHERD OF BROWN RED WARE/ BROWN WARE OF 18TH CENTURY DATE WAS FOUND IN THE

Trench: 66 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.65m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:

ONE LAND DRAIN WAS LOCATED WITHIN THE SOUTH-EASTERN HALF OF THE TRENCH, TOWARDS THE CENTRE, MEASURING 0.25M IN WIDTH AND RUNNING EAST-WEST

Trench: 67 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.71m **Minimum Depth:** 00.50m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SILTY CLAYEY SAND	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN WAS VISIBLE IN THE TRENCH RUNNING EAST TO WEST AND MEASURING 0.25M IN WIDTH. IT WAS LOCATED IN THE SOUTH-WESTERN THIRD OF THE TRENCH

Trench: 68 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.48m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:	DARK	BROWN	SOFT	SANDY LOAM	**Depth:**	00.23m
NATURAL:	LIGHT	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
TWO LAND DRAINS, EACH OF 0.25M WIDE, WERE LOCATED WITHIN THE TRENCH, ONE IN THE EXTREME NORTH-EASTERN EDGE OF THE TRENHC AND ONE RUNNING ACROSS THE CENTRE OF THE TRENCH. BOTH WERE RUNNING EAST-WEST

Trench: 69 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.52m **Minimum Depth:** 00.42m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SILTY CLAYEY SAND	**Depth:**	00.10m

Description of any Features:
FIVE MODERN LAND DRAINS CROSSED INTO THE TRENCH, ALL ALIGNED NORTH TO SOUTH, O.25M WIDE AND REGULARLY SPACED ACROSS THE LENGTH OF THE TRENCH

Trench: 70 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.58m **Minimum Depth:** 00.45m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.33m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.12m

Description of any Features:
FOUR LAND DRAINS WERE OBSERVED IN THE TRENCH, 0.25M WIDE, THE SOUTH-EASTERNMOST TWO RUNNING EAST TO WEST AND THE NORTH-WESTERNMOST TWO RUNNING NORTH-WEST TO SOUTH-EAST

Trench: 71 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.00m **Minimum Depth:** 00.78m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:	MID	ORANGE *	FIRM	SILTY CLAY	**Depth:**	00.20m
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
* A SECOND SUBSOIL WAS VISIBLE BELOW THE FIRST WHICH CONSISTED OF A DARK GREY FIRM SANDY LOAM OF 0.39M DEPTH.

ONE LAND DRAIN WAS VISIBLE, BUT ONLY IN SECTION AS IT WAS PARTIALLY REMOVED DURING EXCAVATION. IT RAN NORTH-TO SOUTH AND WAS 0.25M WIDE

Trench: 72 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.78m **Minimum Depth:** 00.58m

TOPSOIL:	MID	SANDY BROWN	SOFT	SANDY LOAM	**Depth:**	00.28m
SUBSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.25m
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
FOUR MODERN LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, THREE RUNNING EAST TO WEST AND ONE NORTH-EAST TO SOUTH-WEST. TWO WERE LOCATED WITHIN THE NORTH-WESTERN HALF OF THE TRENCH, AND TWO WITHIN THE SOUTH-EASTERN HALF, AND ALL WERE 0.25M WIDE

Trench: 73 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.70m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.55m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
FOUR LAND DRAINS 0.35M WIDE WERE LOCATED IN THE TRENCH. TWO WERE LOCATED CLOSE TO EACHOTHER IN THE SOUTH-WESTERN THIRD OF THE TRENCH, AND TWO WITHIN THE NORTH-EASTERN HALF OF THE TRENCH.

A FEATURE, LOCATED TOWARDS THE CENTRE OF THE TRENCH WITHIN THE SOUTH-WESTERN HALF, MEASURED 1.5M WIDE, 0.15M DEEP AND RAN THE WIDTH OF THE TRENCH. IT WAS ROUGHLY U-SHAPED

Trench:	**74**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.82m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.23m	
SUBSOIL:	MID	ORANGE	FIRM	CLAY	**Depth:**	00.46m	
NATURAL:	DARK	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.24m	

Minimum Depth: 00.61m

Description of any Features:

A LINEAR FEATURE RAN THE LENGTH OF THE TRENCH ON A NORTH-WEST TO SOUTH-EAST ALIGNMENT. IN SECTION THIS WAS A V-SHAPED DITCH WITH A FLAT BOTTOM, AS SEEN IN THE NORTH-EAST FACING SECTION OF THE TRENCH, APPROXIMATELY 0.20M DEEP AND 0.43M WIDE. IT WAS PROBABLY A LAND DRAIN

Trench:	**75**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.68m
TOPSOIL:	MID	GREY-BROWN	SOFT	SILTY SAND	**Depth:**	00.60m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Minimum Depth: 00.45m

Description of any Features:

THREE LAND DRAINS WERE LOCATED WITHIN THE TRENCH ON A NORTH-SOUTH ALIGNMENT AND REGULARY SPACED ALONG ITS LENGTH. EACH WAS 0.25M IN LENGTH

Trench:	**76**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.70m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.38m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Minimum Depth: 00.48m

Description of any Features:

ONE LAND DRAIN 0.25M WIDE WAS LOCATED RUNNING EAST-WEST ACROSS THE NORTH-EASTERNMOST PART OF THE TRENCH

Trench:	**77**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.92m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY SOIL	**Depth:**	00.72m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.16m	

Minimum Depth: 00.70m

Description of any Features:

ONE LAND DRAIN MEASURING 0.3M WIDE WAS LOCATED RUNNING NORTH TO SOUTH ACROSS THE CENTRE OF THE TRENCH.

A BURNT-OUT TREE BOLE WAS ALSO VISIBLE TO THE SOUTH-EAST OF THE CENTRE POINT OF THE TRENCH, MEASURING 1.40M IN LENGTH, 1.5M IN WIDTH (ALTHOUGH IT DISAPPEARED INTO THE SECTION SO WAS NOT THE TOTAL WIDTH) AND 0.10M IN DEPTH. NO DATEABLE EVIDENCE WAS RECOVERED FROM THE FILL

Trench:	**78**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.93m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY SOIL	**Depth:**	00.30m	
SUBSOIL:	MID	ORANGE	FIRM	CLAY	**Depth:**	00.25m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m	

Minimum Depth: 00.92m

Description of any Features:

FOUR LAND DRAINS WERE LOCATED IN THE TRENCH, ALL 0.25M WIDE, ONE RUNNING NORTH-SOUTH, ONE NORTH-WEST TO SOUTH-EAST AND TWO EAST TO WEST.

A TREE BOLE WAS LOCATED 1.3M FROM THE SOUTH-WESTERNMOST EDGE OF THE TRENCH WHICH HAD A DIAMETER OF 1.46M AND A DEPTH OF 0.10M.

Trench:	**79**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	01.10m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY SOIL	**Depth:**	00.37m	
SUBSOIL:	DARK	ORANGE	FIRM	CLAY	**Depth:**	00.30m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Minimum Depth: 00.65m

Description of any Features:

TWO LAND DRAINS WERE ENCOUNTERED WITHIN THE TRENCH, EACH RUNNING NORTH TO SOUTH, 0.25M WIDE AND SPREAD EVENLY ACROSS THE TRENCH.

A FEATURE WAS INVESTIGATED, LOCATED 1.70M FROM THE WESTERN EXTENT OF THE TRENCH, MEASURING 1.1M IN LENGTH, 0.67M IN WIDTH AND 0.15M IN DEPTH. IT WAS A PROBABLE TREE BOLE

Trench: 80	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.80m		**Minimum Depth:** 00.50m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.15m	
SUBSOIL:	DARK	GREY	SOFT	SILT	**Depth:**	0.21m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
THREE LAND DRAINS, RUNNING EAST TO WEST AND MEASURING 0.25M WERE OBSERVED AT REGULAR INTERVALS RUNNING ACROSS THE TRENCH

Trench: 81	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.90m		**Minimum Depth:** 00.70m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.70m	
SUBSOIL:					**Depth:**		
NATURAL:	DARK	ORANGE-GREY	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
THREE LAND DRAINS WERE OBSERVED CROSSING THE DITCH, OF 0.25M IN WIDTH. ALL WERE LOCATED WITHIN THE SOUTH-EASTERN HALF.

A POSSIBLE FEATURE WAS INVESTIGATED IN THE NORTH-WESTERN THIRD OF THE TRENCH WHICH PROVED TO BE A V-SHAPED DITCH, 1.18M DEEP AND 1.54M WIDE. IT WAS POSSIBLY CLAY-LINED WITH 0.33M OF GREY CLAY WHICH HAD BEEN DEALED BY 0.49M OF SUBSOIL AND A THIN ORANGE CLAY OF 0.13M. THE TOPSOIL MEASURED 0.29M

Trench: 82	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.80m		**Minimum Depth:** 00.50m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.26m	
SUBSOIL:	DARK	GREY-BROWN	SOFT	SILT	**Depth:**	00.29m	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
TWO MODERN LAND DRAINS WERE LOCATED IN THE TRENCH, RUNNING NORTH TO SOUTH, ONE AT THE FAR NORTH-EASTERN EXTENT OF THE TRENCH, AND THE OTHER AND THE FAR SOUTH-WESTERN EXTENT OF THE TRENCH. EACH WAS 0.25M WIDE

Trench: 83	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.60m		**Minimum Depth:** 00.32m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.32m	
SUBSOIL:					**Depth:**		
NATURAL:	LIGHT	ORANGE-BROWN	FIRM	SAND	**Depth:**	00.10m	

Description of any Features:
TWO LAND DRAINS, 0.25M WIDE, WERE LOCATED RUNNING EAST TO WEST IN THE SOUTH-EASTERN HALF OF THE TRENCH.

THREE FEATURES WERE INVESTIGATED LOCATED IN THE NORTH-WESTERN QUARTER OF THE TRENCH. FEATURE 1, LOCATED IN THE FAR NORTH-WESTERN EXTREME AND HEADING INTO THE SECTION PROVED TO BE A LAND DRAIN WITH A BACKFILL DEPOSIT.
FEATURES 2 AND 3 WERE BOTH STEEP U-SHAPED DITCHES. FEATURE 2 MEASURED 0.48M DEEP AND 1.14M WIDE, AND FEATURE 3 WAS 0.44M DEEP AND 1.25M WIDE. FEATURE 2 WAS LOCATED 3.75M FROM THE NORTH-WESTERN EXTENT OF THE TRENCH, AND FEATURE 3, 7.16M.

Trench: 84	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.44m		**Minimum Depth:** 00.35m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.36m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.08m	

Description of any Features:
TWO LAND DRAINS WERE LOCATED WITHIN THE SOUTH-WESTERN QUARTER OF THE TRENCH, MEASURING 0.25M WIDE. THE SOUTHWESTERNMOST RAN EAST TO WEST, AND THE NORTHEASTERNMOST RAN NORTH TO SOUTH

Trench: 85	**Width:** 01.80m	**Length:** 30.00m	**Maximum Depth:** 00.68m		**Minimum Depth:** 00.28m		
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m	

Description of any Features:
SIX LAND DRAINS WERE OBSERVED IN THIS TRENCH, THREE CROSSING EACHOTHER IN THE FAR NORTH-WESTERN PART OF THE TRENCH, TWO MORE REGULARLY SPACED TOWARDS THE CENTRE OF THE TRENCH, AND ONE RUNNING NORTH TO SOUTH IN THE SOUTH-EASTERN QUARTER OF THE TRENCH. ALL WERE 0.25M WIDE.

THREE DITCHES, ALIGNED NORTH-EAST TO SOUTH-WEST ALSO RAN THROUGH THE TRENCH. DITCH 1 WAS LOCATED TOWARDS WITHIN THE NORTH-WESTERN PART OF THE TRENCH AND WAS TRUNCATED ON ITS SOUTH SIDE BY A LAND DRAIN. ITS DEPTH WAS 0.86M AND IT HAD AN ORANGE-BROWN CLAY FILL, 0.31M IN DEPTH WHICH WAS SEALED BY A DARK-GREY SUBSOIL 0.19M IN DEPTH. THIS WAS SEALED BY THE TOPSOIL, HERE MEASURING 0.4M. THE WIDTH OF THE DITCH WAS 1.15M.
DITCH 2 WAS LOCATED TO THE SOUTH-EAST OF DITCH 1 AND WAS A V-SHAPED DITCH, 0,83M DEEP AND 1.4M WIDE. IT HAD AN ORANGE CLAY FILL 0.35M DEEP SEALED BY A DARK GREY SUBSOIL 0.2M DEEP WHICH WAS SEALED BY 0.33M OF TOPSOIL.
DITCH 3 WAS LOCATED AT THE CENTRE OF THE TRENCH AND WAS A SHALLOWER DITCH, 0.54M DEEP AND 0.98M WIDE. IT HAD A DARK-BROWN SANDY LOAM FILL 0.12M IN DEPTH SEALED BY A TOPSOIL OF 0.42M

Trench: 86 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.35m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.25m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN 0.25M WAS OBSERVED RUNNING NORTH TO SOUTH ACROSS THE CENTRE OF THE TRENCH. AN ELECTRIC SERVICE WAS OBSERVED RUNNING NORTH-WEST TO SOUTH-EAST TO THE NORTH OF THE LAND DRAIN

Trench: 87 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.62m **Minimum Depth:** 00.52m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
ONE DITCH FEATURE WAS ENCOUNTERED IN THE NORTH-EASTERN END OF THE TRENCH. IT WAS A SHALLOW DITCH 2.65M WIDE AND 0.62M DEEP. UPON EXCAVATION, IT WAS FOUND THAT IT WAS TRUNCATED BY TWO FIELD DRAINS, ONE RUNNING SOUTH-EAST TO NORTH-WEST AND ONE RUNNING

Trench: 88 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.45m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.50m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
THREE DITCHES WERE OBSERVED TOWARDS THE CENTRE OF THE TRENCH. DITCH 1 WAS A SHALLOW DITCH TRUNCATED BY A FIELD DRAINON THE NORTH-WEST. IT MEASURED 1.29M WIDE AND 0.66M DEEP. IT HAD A DARK GREY FILL OF 0.4M DEEP SEALED BY A TOPSOIL 0.26M DEEP.
DITCH 2 WAS O.44M DEEP AND 0.68M WIDE. IT HAD A DARK BROWN FILL 0.10M DEEP SEALED BY A TOPSOIL OF 0.34M DEPTH.
DITCH 3 WAS 0.52M DEEP AND 0.32M WIDE. IT HAD A DARK BROWN FILL 0.18M DEEP SEALED BY A TOPSOIL 0.34M DEEP.

Trench: 89 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS WERE ENCOUNTERED WITHIN THE DITCH, ONE TOWARDS THE NORTH-EASTERN EXTENT, AND TWO WITHIN THE SOUTH-WESTERN THIRD. ALL WERE 0.25M WIDE

Trench: 90 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.62m **Minimum Depth:** 00.50m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY SOIL	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.13m

Description of any Features:
THREE LAND DRAINS WERE OBSERVED WITHIN THE TRENCH RUNNING EAST TO WEST, EVENLY SPACED, AND MEASURING 0.25M IN WIDTH

Trench: 91 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.38m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY CLAY	**Depth:**	00.05m

Description of any Features:
ONE LAND DRAIN 0.25M WIDE WAS OBSERVED IN THE SOUTH-WESTERN QUARTER OF THE TRENCH.

Trench: 92 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.76m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	ORANGE-GREY	SOFT-FIRM	SANDY SILT	**Depth:**	00.37m

Description of any Features:
ONE MODERN LAND DRAIN WAS ENCOUNTERED IN THE TRENCH, 0.25M WIDE AND LOCATED IN THE SOUTH-EASTERN THIRD OF THE TRENCH

Trench: 93 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** **Minimum Depth:** 01.15m

TOPSOIL:	LIGHT	GREYISH BROWN	SOFT	SILTY LOAM	**Depth:**	00.28m
SUBSOIL:	MID	ORANGEY BROWN	FIRM	CLAY	**Depth:**	00.60m
NATURAL:	LIGHT	YELLOW,	FIRM	SILTY CLAY	**Depth:**	00.10m

Description of any Features:
TWO MODERN LAND DRAINS

Trench: 94 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.45m **Minimum Depth:**

TOPSOIL:	LIGHT	GREYISH BROWN	SOFT	SANDY LOAM	**Depth:**	00.15m
SUBSOIL:	LIGHT	ORANGEY	STIFF	CLAY	**Depth:**	01.00m
NATURAL:	LIGHT	ORANGEY	STIFF	CLAY	**Depth:**	00.10m

Description of any Features:
TWO MODERN LAND DRAINS AND ONE ELECTRIC CABLE

Trench: 95 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.20m **Minimum Depth:** 00.99m

TOPSOIL:	MID	GREYISH BROWN	SOFT	SILTY SAND	**Depth:**	0.20m
SUBSOIL:	MID	RED	FIRM	CLAY	**Depth:**	0.47m
NATURAL:	LIGHT	GREYISH ORANGE	FIRM	CLAYEY SILT	**Depth:**	0.10m

Description of any Features:
TWO MODERN LAND DRAINS AND ONE ELECTRIC CABLE

Trench: 96 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.26m

TOPSOIL:	MID	BROWNY-GREY	SOFT	SANDY LOAM	**Depth:**	0.15m
SUBSOIL:	MID	ORANGEY	STIFF	CLAY	**Depth:**	0.20m
NATURAL:	LIGHT	GREY-YELLOW	SOFT	SILTY SAND	**Depth:**	0.05m

Description of any Features:
ONE ELECTRIC CABLE

Trench: 97 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.84m **Minimum Depth:**

TOPSOIL:	MID	GREYISH BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m
SUBSOIL:	MID	ORANGEY BROWN	STIFF	CLAYEY SAND	**Depth:**	00.30m
NATURAL:	LIGHT	ORANGE YELLOW	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN

Trench: 98 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.40m **Minimum Depth:**

TOPSOIL:	MID	GREYISH BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m
SUBSOIL:	MID	ORANGEY BROWN	STIFF	CLAYEY SAND	**Depth:**	00.48m
NATURAL:	LIGHT	ORANGE YELLOW	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN

Trench: 99 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.90m **Minimum Depth:**

TOPSOIL:	LIGHT	GREY	SOFT	SANDY SILT	**Depth:**	00.30m
SUBSOIL:	MID	ORANGEY-BROW	FIRM	SANDY CLAY	**Depth:**	00.20m
NATURAL:	MID	BROWNISH	FIRM	CLAY	**Depth:**	00.40m

Description of any Features:
ONE LAND DRAIN

Trench: 100 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** **Minimum Depth:**

TOPSOIL:	LIGHT	GREYISH BROWN	FIRM	SILTY SAND	**Depth:**	00.16m

SUBSOIL:	MID	ORANGEY BROWN	FIRM	CLAY	**Depth:**	00.50m
NATURAL:	LIGHT	GREYISH ORANGE	STIFF	CLAYEY SILT	**Depth:**	

Description of any Features:
TWO LAND DRAINS AND ONE ELECTRIC CABLE

Trench: 101 **Width:** 01.80m **Length:** 30. m **Maximum Depth:** 00.70m **Minimum Depth:** 00.50m

TOPSOIL:	LIGHT	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m
SUBSOIL:	MID	ORANGE BROWN	STIFF	CLAY	**Depth:**	00.30m
NATURAL:	LIGHT	YELLOW GREY	FIRM	SILTY CLAY	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS

Trench: 102 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** **Minimum Depth:** 00.60m

TOPSOIL:	LIGHT	GREYISH BROWN	SOFT	SANDY LOAM	**Depth:**	00.50m
SUBSOIL:					**Depth:**	
NATURAL:	MID	LIGHT ORANGEY	SOFT	CLAYEY SILT	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS

Trench: 103 **Width:** 1 .80m **Length:** 30.00m **Maximum Depth:** 00.85m **Minimum Depth:**

TOPSOIL:	LIGHT	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:	MID	ORANGEY BROWN	FIRM	CLAY	**Depth:**	00.35m
NATURAL:	LIGHT	ORANGEY BROWN	STIFF	CLAYEY SILT	**Depth:**	00.10m

Description of any Features:
LAND DRAIN 0.25M WIDE
ELECTRICITY CABLE- WIDTH NOT GIVEN

Trench: 104 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.76m **Minimum Depth:** 00.71m

TOPSOIL:	MID	GREYISH BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:	LIGHT	ORANGEY-BROW	FIRM	CLAY	**Depth:**	00.70m
NATURAL:	MID	ORANGE BROWN	STIFF	CLAYEY SILTY SAND	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN

Trench: 105 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.10m **Minimum Depth:** 00.80m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m
SUBSOIL:	MID	ORANGE-BROWN	FIRM	CLAY	**Depth:**	00.60m
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
* A SECOND SUBSOIL BENEATH THE MID ORANGE-BROWN FIRM CLAY CONSTITUTED A DARK GREY SILT VARYING BETWEEN 0.05 AND 0.1OM THICK WAS ENCOUNTERED WITHIN THE TRENCH

THREE LAND DRAINS WERE OBSERVED EXTENDING THROUGH THE TRENCH, ALL 0.25M THICK ON A NORTH-WEST TO SOUTH-EAST ALIGNMENT, AND REGULARLY SPACED ACROSS THE LENGTH OF THE TRENCH

Trench: 106 **Width:** 1 .80m **Length:** 00.30m **Maximum Depth:** 00.40m **Minimum Depth:**

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGY BROWN	SOFT	SILTY SAND	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN 0.25M WIDE AND ONE SERVICE UNKNOWN

Trench: 107 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.40m

TOPSOIL:	LIGHT	GREY-BROWN	LOOSE	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	LOOSE	SANDY SILT	**Depth:**	00.10m

Description of any Features:
TWO LAND DRAINS OF 0.25M WIDTH WERE LOCATED RUNNING EAST TO WEST THROUGH THE TRENCH. TWO FURTHER ANOMOLIES WERE INVESTIGATED AND PROVED TO BE TREE BOLES

Trench: 107B **Width:** 01.80m **Length:** 20.00m **Maximum Depth:** 00.38m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	LOOSE	SANDY LOAM	**Depth:**	00.28m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.08m

Description of any Features:
ONE LAND DRAIN EXTENDED INTO THE TRENCH MEASURING 0.25M WIDE AND COVERING MUCH OF THE NORTHERN PART OF THE TRENCH ON A NORTH-NORTH-EAST TO SOUTH-SOUTH-WEST ALIGNMENT

Trench: 108 **Width:** 1 .80m **Length:** 00.30m **Maximum Depth:** 00.60m **Minimum Depth:**

TOPSOIL:	LIGHT	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.10m
SUBSOIL:	MID	ORANGY BROWN	FIRM	CLAY	**Depth:**	00.25m
NATURAL:	MID	LIGHT ORANGE	FIRM	SANDY SILTY CLAY	**Depth:**	00.05m

Description of any Features:
TWO LAND DRAINS 0.25M WIDE

Trench: 109 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.54m **Minimum Depth:** 00.39m

TOPSOIL:	LIGHT	GREYISH BROWN	SOFT	SANDY LOAM	**Depth:**	00.25m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	YELLOW ORANGE	FIRM	CLAYEY SILTY SAND	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN

Trench: 110 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY-BROWN	LOOSE	SANDY LOAM	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	LOOSE	SANDY SILT	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS EXTENDED WITHIN THE TRENCH, ALL 0.25M WIDE, TWO ALIGNED NORTH TO SOUTH AND ONE EAST TO WEST

Trench: 111 **Width:** **Length:** **Maximum Depth:** **Minimum Depth:**

TOPSOIL:					**Depth:**	
SUBSOIL:					**Depth:**	
NATURAL:					**Depth:**	

Description of any Features:
TRENCH ABANDONED DUE TO LIVE ELECTRICITY CABLE

Trench: 112 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.20m **Minimum Depth:**

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.15m
SUBSOIL:	MID	ORANGEY BROWN	FIRM	CLAY	**Depth:**	00.85m
NATURAL:	LIGHT	YELLOWY	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:

Trench: 113 **Width:** 01.80m **Length:** 29.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.70m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.65m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.05m

Description of any Features:
TWO LAND DRAINS WERE VISIBLE RUNNING NORTH-EAST TO SOUTH-WEST ACROSS THE NORTH-WESTERN PART OF THE TRENCH. BOTH WERE 0.25M WIDE

Trench: 114 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.45m

TOPSOIL:	MID	BROWN-GREY	SOFT	SANDY LOAM	**Depth:**	00.35m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:

Trench: 115 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.70m

TOPSOIL:	MID	BROWN	SOFT	SANDY LOAM	**Depth:**	00.65m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.05m

Description of any Features:
ONE MODERN LAND DRAIN WAS SEEN IN THE SOUTH-EASTERN PART OF THE TRENCH RUNNING NORTH TO SOUTH AND MEASURING 0.25M WIDE

Trench: 116 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.35m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS APPEARED WITHIN THE TRENCH, TWO INTERSECTING IN THE NORTH-EASTERN PART OF THE TRENCH, AND ONE OCCURING IN THE FAR SOUTH-WESTERN EDGE. ALL MEASURED 0.25M IN WIDTH

Trench: 117 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.80m

TOPSOIL:	MID	BROWN-GREY	SOFT	SANDY LOAM	**Depth:**	00.70m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	BROWN-ORANGE	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN EXTENDED INTO THE TRENCH, AND FLOODED THE TRENCH, LEADING TO ITS SUBSEQUENT ABANDONMENT

Trench: 118 **Width:** 01.80m **Length:** 28.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.50m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.43m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.07m

Description of any Features:
FOUR MODERN LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, ALL 0.25M WIDE AND ON AN EAST TO WEST ALIGNMENT. THE SOUTH-EASTERN END OF THE TRENCH WAS CUT SHORT DUE TO LIVE SERVICES

Trench: 119 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.85m **Minimum Depth:** 00.85m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.75m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-BROWN	SOFT	SANDY SILT	**Depth:**	00.10m

Description of any Features:
FOUR MODERN LAND DRAINS EXISTED WITHIN THE TRENCH PERIMETERS, TWO AT THE CENTRE AND TWO AT THE FAR NORTH-EASTERN EDGE. ALL WERE 0.25M WIDE

Trench: 120 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.50m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.60m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
3 LAND DRAINS WIDTH 00.25M

A LINEAR DITCH WAS OBSERVED AND RECORED. THE FILL WAS TOPSOIL WITH NO INCLUSIONS. THE DITCH WAS U-SHAPED. THE PLOUGHMARK WAS 0.59M WIDE AND DEPTH WAS 0.06M.

Trench: 121 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	ORANGEY BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
2 LAND DRAINS WIDTH 00.25M

A LINEAR FEATURE RUNS N-S THROUGH THE TRENCH AT THE SOUTHERN END.
LINEAR FEATURE RUNNING NE-SW THROUGH THE TRENCH. THE LINEAR WAS A U-SHAPED SHALLOW DITCH FILLED WITH GREY BROWN SOIL - POSSIBLY TOPSOIL. NO DATABLE FINDS WERE OBSERVED OR RECORDED FROM THE TRENCH.

Trench: 122 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.75m **Minimum Depth:** 00.48m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.39m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE-GREY	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS 0.25M WIDE WERE OBSERVED IN THE TRENCH, THE NORTHERLY ON A NORTH-WEST TO

SOUTH-EAST ALIGNMENT, THE MIDDLE ONE ON A NORTH-EAST TO SOUTH-WEST ALIGNMENT AND THE SOUTHERLY ONE ON AN EAST TO WEST ALIGNMENT

Trench: 123 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
ONE MODERN LAND DRAIN EXISTED IN THE TRENCH, AT THE NORTH-EASTERN END, 0.25M THICK RUNNING NORTH-WEST TO SOUTH-EAST

Trench: 124 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.54m **Minimum Depth:** 00.33m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.40m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS WERE ENCOUNTERED IN THE TRENCH, TWO IN THE SOUTH-EASTERN HALF, AND ONE IN THE NORTH-WESTERN HALF, ALL MEASURING 0.25M WIDTH. CONCRETE SLABS WERE ENCOUNTERED IN THE SOUTH-EASTERN PART OF THE TRENCH, PROBABLY PROTECTING SERVICES

Trench: 125 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.58m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.64m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE HARD SANDY CLAY **Depth:** 00.10m
Description of any Features:
SEVEN LAND DRAINS EXTENDED WITHIN THE TRENCH, ALL OCCURING WITHIN THE SOUTHERN HALF AND ALL OF 0.25M WIDTH. THREE RAN NORTH-WEST TO SOUTH-EAST, THREE EAST TO WEST AND ONE NORTH-EAST TO SOUTH-WEST

Trench: 126 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.90m **Minimum Depth:** 00.47m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.40m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE FIRM CLAY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS FEATURED WITHIN THE TRENCH, ALL WITHIN THE SOUTH-EASTERN HALF OF THE TRENCH, ALL 0.25M WIDE, AND ALL ALIGNED ON AN EAST-WEST STANCE

AT THE NORTH-WESTERN EDGE OF THE TRENCH, THE TOPSOIL WAS MADE UP OF DEBRIS FROM THE PREVIOUS SUBSTATION

Trench: 127 **Width:** 01.80m **Length:** 26.00m **Maximum Depth:** 00.47m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
THREE MODERN LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, ALL LOCATED WITHIN THE SOUTHERN HALF OF THE TRENCH, ALL 0.25M WIDE, AND ALL ALIGNED NORTH-EAST TO SOUTH-WEST

Trench: 128 **Width:** **Length:** **Maximum Depth:** **Minimum Depth:**
TOPSOIL: **Depth:**
SUBSOIL: **Depth:**
NATURAL: **Depth:**
Description of any Features:
TRENCH ABANDONED DUE TO CABLE RUNNING LENGTH OF TRENCH

Trench: 129 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.48m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.24m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-RED SOFT SAND **Depth:** 00.10m
Description of any Features:
TWO MODERN LAND DRAINS WERE RECORDED IN THIS TRENCH, ONE AT THE CENTRE AND ONE AT THE SOUTH-EASTERN END, BOTH ALIGNED EAST TO WEST AND OF 0.25M IN WIDTH. TWO ELECTIRC SERVICES WERE ENCOUNTERED, IN ADDTION, ONE AT EACH END OF THE TRENCH

Trench: 130 **Width:** 01.80m **Length:** 27.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.34m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.24m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
ONE ELECTRIC SERVICE WAS LOCATED WITHIN THE TRENCH, RUNNING NORTH TO SOUTH ACROSS THE CENTRE OF THE TRENCH, WHICH WAS ALIGNED EAST TO WEST.

Trench: 131 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.25m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:

Trench: 132 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.75m **Minimum Depth:** 00.40m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.63m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE/BROWN	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
3 LAND DRAINS WIDTH 00.25M

SEVERAL DITCHES, 1 LINEAR AND 1 'X' SHAPED FEATURE.

Trench: 133 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.55m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.55m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE GREY	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
5 LAND DRAINS WIDTH 00.25M

Trench: 134 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.72m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.30m
SUBSOIL:	MID	ORANGE BROWN	FIRM	CLAY	**Depth:**	00.30m
NATURAL:	MID	ORANGE YELLOW	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
6 LAND DRAINS WIDTH 00.25M

Trench: 135 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.47m **Minimum Depth:** 00.40m

TOPSOIL:	DARK	DARK GREY	SOFT	SANDY LOAM	**Depth:**	00.27m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE/GREY	FIRM	SANDY CLAY	**Depth:**	00.20m

Description of any Features:
3 LAND DRAINS WIDTH 00.25M

Trench: 136 **Width:** 02.00m **Length:** 15.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.60m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.65m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGE GREY	FIRM	SANDY SILTY CLAY	**Depth:**	00.05m

Description of any Features:
2 LAND DRAINS WIDTH 00.25M

Trench: 137 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.60m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.50m
SUBSOIL:					**Depth:**	
NATURAL:	MID	ORANGEY	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:
8 LAND DRAINS WIDTH 00.25M

A LINEAR FEATURE CROSSES THE TRENCH NE-SW APPROX. 1.85M IN WIDTH AT THE WESTERN EDGE OF THE TRENCH, WITH A POSSIBLE OTHER LINEAR FEATURE IN NW-SE, NOT AS OBVIOUS. APPEARS TO HAVE BROWN GREY STONEY FILL.

Trench: 138 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.62m **Minimum Depth:** 00.55m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:**
SUBSOIL: **Depth:**
NATURAL: MID ORANGEY BROWN FIRM SANDY SILTY CLAY **Depth:**
Description of any Features:
7 LAND DRAINS WIDTH 00.25M

Trench: 139 **Width:** **Length:** **Maximum Depth:** **Minimum Depth:**
TOPSOIL: **Depth:**
SUBSOIL: **Depth:**
NATURAL: **Depth:**
Description of any Features:
TRENCH NOT EXCAVATED DUE TO SERVICES

Trench: 140 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.45m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
5 LAND DRAINS WIDTH 00.25M

Trench: 141 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.50m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE YELLOW FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
4 LAND DRAINS WIDTH 00.25M

A LINEAR FEATURE WAS INVESTIGATED AND FOUND TO BE A POSSIBLE FILED BOUNDARY, A FLAT BOTTOMED U-SHAPED DITCH WITH NO FINDS. FILLED WITH TOPSOIL 00.25M DEEP, 01.10M WIDE

Trench: 142 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.65m **Minimum Depth:** 00.60m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.55m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE YELLOW FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
5 LAND DRAINS WIDTH 00.25M

Trench: 143 **Width:** 02.00m **Length:** 15.00m **Maximum Depth:** 00.75m **Minimum Depth:** 00.68m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.70m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE YELLOW FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
2 LAND DRAINS WIDTH 00.25M

Trench: 144 **Width:** 02.00m **Length:** 25.00m **Maximum Depth:** 00.74m **Minimum Depth:** 00.55m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.63m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE YELLOW FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
4 LAND DRAINS WIDTH 00.25M

Trench: 145 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.65m **Minimum Depth:** 00.54m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.55m
SUBSOIL: **Depth:**
NATURAL: MID ORANGEY FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
2 LAND DRAINS WIDTH 00.25M

Trench: 146 **Width:** 02.20m **Length:** 20.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.53m

TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.45m
SUBSOIL: **Depth:**
NATURAL: MID ORANGEY BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
3 LAND DRAINS, WIDTH 00.25M
ELECTRICAL SERVICE CABLE MEANT TRENCH COULD NOT BE FULLY EXCAVATED, AN AREA IN THE CENTRE OF THE TRENCH WAS LEFT UNEXCAVATED

Trench: 147 Width: 02.00m **Length:** 25.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.50m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.45m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
2 LAND DRAINS WIDTH 00.25M
ELECTRICAL SIGNAL DETECTED AT THE NE EDGE OF THE TRENCH, THEREFORE TRENCH WAS NOT FULLY EXCAVATED

Trench: 148 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.33m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.39m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM ORANGE-BROWN **Depth:** 00.10m
Description of any Features:
SEVEN MODERN LAND DRAINS EXTENDED INTO THE TRENCH, FOUR LOCATED TOGETHER IN THE FAR EASTERN PART OF THE TRENCH, AND THREE FURTHER WEST, ALL OF WHICH MEASURED 0.25M IN WIDTH. FIVE WERE ALIGNED NORTH TO SOUTH, AND THREE NORTH-EAST TO SOUTH-WEST

Trench: 149 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.45m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.40m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.04m
Description of any Features:
TWO LAND DRAINS WERE OBSERVED WITHIN THE TRENCH, BOTH 0.25M IN WIDTH, AND BOTH ON A NORTH-WEST TO SOUTH-EAST ALIGNMENT

Trench: 150 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.42m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.40m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS WERE ENCOUNTERED WITHIN THE TRENCH, TWO RUNNING NORTH-WEST TO SOUTH-EAST AND 0.25M WIDE IN THE NORTH-EASTERN THIRD OF THE TRENCH, AND ONE RUNNING EAST-WEST, 0.50M WIDE AND IN THE SOUTH-WESTERN THIRD OF THE TRENCH

Trench: 151 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.33m
TOPSOIL: MID GEY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.12m
Description of any Features:
TWO MODERN LAND DRAINS WERE ENCOUNTERED WITHIN THE TRENCH, EACH MEASURING 0.25M IN WIDTH AND ON A NORTH-WEST TO SOUTH-EAST ALIGNMENT

Trench: 152 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILT **Depth:** 00.10m
Description of any Features:
A SONDAGE WAS EXCAVATED AT THE WESTERN EXTENT OF THE TRENCH TO INVESTIGATE THE GEOPHYSICAL ANOMOLIES. THE SONDAGE REVEALED A STONEY NATURAL SEALED BENEATH THE SANDY SILT, WHICH MAY HAVE CAUSED THE ANOMOLY READINGS DURING THE GEOPHYSICAL SURVEY

Trench: 153 Width: 01.80m **Length:** 26.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.32m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.45m
SUBSOIL: **Depth:**

NATURAL: MID ORANGE-BROWN FIRM SILTY CLAY **Depth:** 00.05m
Description of any Features:
FOUR LAND DRAINS WERE ENCOUNTERED WITHIN THE TRENCH, ALL 0.25M WIDE AND RUNNING NORTH-WEST TO SOUTH-EAST.
IN ADDITION, AN ELECTRIC SERVICE MEANT THAT A SECTION WITHIN THE NORTHERN HALF OF THE TRENCH WAS NOT FULLY EXCAVATED TO AVOID DAMAGE TO THE CABLE

Trench: 154 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.32m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.25m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.05m
Description of any Features:
ONE MODERN ELECTRIC CABLE WAS ENCOUNTERED WITHIN THE SOUTHERN HALF OF THE TRENCH MEANING THAT THE TRENCH WAS ESSENTIALLY DIVIDED INTO TWO, LEAVING A SECTION UNEXCAVATED TO AVOID DAMAGE TO THE CABLE

Trench: 155 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.48m **Minimum Depth:** 00.22m
TOPSOIL: MID GREY-BROWN SOFT SANDY-LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS 0.25M WIDE WERE ENCOUNTERED RUNNING NORTH-WEST TO SOUTH-EAST ACROSS THE TRENCH

Trench: 156 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.34m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.05m
Description of any Features:
ONE LAND DRAIN 0.25M WIDE AND RUNNING NORTH-EAST TO SOUTH-WEST WAS LOCATED WITHIN THE NORTHERN THIRD OF THE TRENCH

Trench: 157 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.82m **Minimum Depth:** 00.32m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILT **Depth:** 00.10m
Description of any Features:

Trench: 158 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.38m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.08m
Description of any Features:
ONE MODERN LAND DRAIN WAS OBSERVED OF 0.25M WIDE RUNNING NORTH TO SOUTH WITHIN THE NORTH-WESTERN THIRD OF THE TRENCH

Trench: 159 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.24m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
THE NATURAL COMPRISED FREQUENT SMALL STONE INCLUSIONS

Trench: 160 Width: 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.32m
TOPSOIL: MID BROWN-GREY SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-GREY FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
SIX LAND DRAINS EXTENDED TO WITHIN THE TRENCH, ALL 0.25M WIDE. THREE RAN NORTH-WEST TO SOUTH-EAST, TWO NORTH TO SOUTH AND ONE NORTH-EAST TO SOUTH-WEST. IN ADDITION, A SERVICE WAS LOCATED WITHIN THE TRENCH, RUNNING EAST TO WEST ACROSS THE CENTRE OF THE NORTH-WEST TO SOUTH-EAST ALIGNED TRENCH

Trench:	**161**	**Width:**	01.80m	**Length:**	30.00m	**Maximum Depth:**	00.50m	**Minimum Depth:**	00.40m
TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM				**Depth:**	00.38m
SUBSOIL:								**Depth:**	
NATURAL:	MID	ORANGE-BROWN	FIRM	SANDY SILTY CLAY				**Depth:**	00.10m

Description of any Features:

THREE LAND DRAINS 0.25M WIDE RAN NORTH-EAST TO SOUTH-WEST AND EXTENDED ACROSS THE EASTERN HALF OF THE TRENCH

Trench: 162 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.50m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.48m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE-BROWN- FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:

Trench: 163 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.49m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.56m
SUBSOIL: **Depth:**
NATURAL: LIGHT GREY-BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
ONE MODERN LAND DRAIN EXTENDED WITHIN THE TRENCH, 0.25M WIDE RUNNING EAST TO WEST ACROSS THE NORTH-EASTERN THIRD OF THE TRENCH.

ONE ELECTRICITY CABLE ALSO RAN ACROSS THE TRENCH, ACROSS THE CENTRE, MEANING THAT THE TRENCH WAS NOT FULLY EXCAVATED IN THIS SECTION TO AVOID DAMAGING LIVE WIRES

Trench: 164 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.39m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.55m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE-GREY FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
FOUR MODERN LAND DRAINS WERE VISIBLE WITHIN THE TRENCH, THREE RUNNING NORTH TO SOUTH, AND ONE ON AN EAST TO WEST ALIGNMENT. ALL WERE 0.25M WIDE AND THREE WERE FOUND IN THE NORTH-EASTERN HALF OF THE TRENCH

Trench: 165 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.60m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.60m
SUBSOIL: **Depth:**
NATURAL: LIGHT BROWN-GREY FIRM SILTY CLAY **Depth:** 00.10m
Description of any Features:

Trench: 166 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.90m **Minimum Depth:** 00.80m
TOPSOIL: DARK GREY-BROWN SOFT SANDY LOAM **Depth:** 00.78m
SUBSOIL: **Depth:**
NATURAL: LIGHT BROWN-GREY FIRM SILTY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN WAS SEEN WITHIN THE TRENCH, RUNNING EAST TO WEST ACROSS PART OF THE SOUTH-EASTERN THIRD OF THE TRENCH. IT WAS 0.25M WIDE

Trench: 167 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 01.00m **Minimum Depth:** 00.60m
TOPSOIL: DARK GREY BROWN SOFT SILTY LOAM **Depth:** 00.40m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE BROWN FIRM FIRM **Depth:** 00.60m
Description of any Features:
1 LAND DRAIN; WIDTH 00.25M

TRENCH SERIOUSLY FLOODED, BAILED OUT BY DIGGER QUICKLY RECORDED AND DRAIN REPAIRED BEFORE TRENCH FLOODED AGAIN.

Trench: 168 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.60m
TOPSOIL: DARK GREY-BROWN SOFT SANDY LOAM **Depth:** 00.60m
SUBSOIL: **Depth:**
NATURAL: LIGHT BROWN-GREY FIRM SILTY CLAY **Depth:** 00.10m
Description of any Features:

Trench: 169 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 01.30m **Minimum Depth:** 00.60m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 01.20m
SUBSOIL: **Depth:**
NATURAL: LIGHT BROWN GREY FIRM CLAY **Depth:** 00.10m
Description of any Features:

1 LARGE CIRCULAR SERVICE PIPE
(UNKNOWN TYPE) RUNNING ACROSS THE TRENCH

TRENCH WATERLOGGED DUE TO EXTREMELY WET AND WINDY WEATHER CONDITIONS, WHICH CAUSED SIDES OF TRENCH TO BEGIN COLLAPSING IN

Trench: 170 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 01.05m **Minimum Depth:** 00.40m

TOPSOIL:	DARK	BROWN GREY	SOFT	SANDY SOIL	**Depth:**	00.65m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	GREY	SOFT	SILTY CLAY	**Depth:**	00.40m

Description of any Features:
1 LARGE CONCRETE PIPE 1M DIAMETER

TRENCH WATERLOGGED DUE TO WEATHER; CAUSING SIDES OF TRENCH TO COLLAPSE IN

Trench: 171 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 01.00m **Minimum Depth:** 00.87m

TOPSOIL:	DARK	BROWN	SOFT	SILTY	**Depth:**	00.20m
SUBSOIL:	MID	ORANGE	SOFT	SANDY CLAY WITH	**Depth:**	00.22m
NATURAL:	LIGHT	GREY	SLITY SOFT	SILTY CLAY	**Depth:**	00.34m

Description of any Features:
1 LAND DRAIN WIDTH 00.25M

SUBSOIL 2- MIX OF BLACK SILT AND STONE - 00.21M STONE=SUBBASE - AGGRAGATE
STONE APPEARS TO BE PART OF SURFACE FOR NEAR BY ROAD

TRENCH WATERLOGGED DUE TO WEATHER AND SIDES COLLAPSING IN

Trench: 172 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.94m **Minimum Depth:** 00.61m

TOPSOIL:	DARK	BLACK BROWN	SOFT	SILTY SOIL	**Depth:**	00.37m
SUBSOIL:	DARK	BLACK	SOFT	ORGANIC MATERIAL	**Depth:**	00.20m
NATURAL:	LIGHT	GREY	FIRM	SANDY SILT	**Depth:**	00.30m

Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 173 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	ORANGE BROWN	FIRM	SILTY CLAY	**Depth:**	00.10m

Description of any Features:
TWO LAND DRAINS 0.25m WIDE

Trench: 174 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 01.05m **Minimum Depth:** 00.75m

TOPSOIL:	MID	ORANGE BROWN	SOFT	SANDY LOAM	**Depth:**	00.20m
SUBSOIL:	DARK	DARK BROWN	SOFT	SANDY SILT	**Depth:**	00.22m
NATURAL:	MID	ORANGE BROWN	FIRM	SANDY CLAY	**Depth:**	00.30m

Description of any Features:

Trench: 175 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.72m **Minimum Depth:** 00.68m

TOPSOIL:	MID	GREY/BROWN	SOFT	SANDY SOIL	**Depth:**	00.58m
SUBSOIL:	DARK	GREY/BLACK	SOFT	SILT + POSSIBLY	**Depth:**	00.10m
NATURAL:	LIGHT	ORANGEY/BROW	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
THE SUBSOIL WAS ORGANIC POSSIBLE PREVIOUS TOPSOIL LAYER. NO INCURSIONS THOUGH VARIED SLIGHTLY IN DEPTH THROUGHTOUT THE TRENCH

Trench: 176 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.90m **Minimum Depth:** 00.74m

TOPSOIL:	DARK	BLACKY BROWN	SOFT	SILT	**Depth:**	00.25m
SUBSOIL:	MID	ORANGE	SOFT	CLAY	**Depth:**	00.15m
NATURAL:	LIGHT	PINK GREY	FIRM	CLAYEY SAND	**Depth:**	00.30m

Description of any Features:

Trench: 177 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.75m **Minimum Depth:** 00.60m

TOPSOIL:	MID	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.32m
SUBSOIL:	DARK	BROWN	FIRM	SILTY LOAM	**Depth:**	00.27m
NATURAL:	MID	ORANGE GREY	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
TWO LAND DRAINS 0.25m WIDE

Trench: 178 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.50m

TOPSOIL:	DARK	BLACKY GREY	SOFT	SANDY SOIL	**Depth:**	00.20m
SUBSOIL:	DARK	BLACK	SOFT	SILTY	**Depth:**	00.12m
NATURAL:	LIGHT	ORANGEY GREY	FIRM	SANDY SILTY CLAY	**Depth:**	00.10m

Description of any Features:

Trench: 179 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.77m **Minimum Depth:** 00.25m

TOPSOIL:	DARK	DARK BROWN	SOFT	SANDY SOIL	**Depth:**	00.20m
SUBSOIL:	DARK	BLACK	SOFT	SILTY	**Depth:**	00.15m
NATURAL:	LIGHT	SANDY PINK	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 180 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.45m

TOPSOIL:	DARK	BLACK BROWN	SOFT	SANDY SOIL	**Depth:**	00.30m
SUBSOIL:					**Depth:**	
NATURAL:	LIGHT	PINKY BROWN	FIRM	CLAY	**Depth:**	00.20m

Description of any Features:

Trench: 181 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.50m

TOPSOIL:	DARK	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.30m
SUBSOIL:	DARK	BLACKY BROWN	SOFT	SILTY	**Depth:**	00.13m
NATURAL:	LIGHT	PINK GREY	FIRM	CLAY SAND	**Depth:**	00.10m

Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 182 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.62m **Minimum Depth:** 00.30m

TOPSOIL:	DARK	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.25m
SUBSOIL:	DARK	BLACK	SOFT	SILTY	**Depth:**	00.10m
NATURAL:	MID	ORANGEY BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:

Trench: 183 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.65m **Minimum Depth:** 00.60m

TOPSOIL:	DARK	GREY BROWN	SOFT	SILTY SOIL	**Depth:**	00.30m
SUBSOIL:	DARK	BLACK	SOFT	SILTY	**Depth:**	00.30m
NATURAL:	LIGHT	PINKY BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:

Trench: 185 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.90m **Minimum Depth:** 00.65m

TOPSOIL:	DARK	GREY BROWN	SOFT	SANDY SOIL	**Depth:**	00.45m
SUBSOIL:	DARK	BLACK	SOFT	SILT	**Depth:**	00.20m
NATURAL:	LIGHT	ORANGEY BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:
THREE LAND DRAINS 0.50m WIDE

Trench: 186 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.49m **Minimum Depth:** 00.26m

TOPSOIL:	DARK	BROWN GREY	SOFT	SANDY	**Depth:**	00.40m
SUBSOIL:					**Depth:**	
NATURAL:	MID	PINK BROWN	FIRM	SANDY CLAY	**Depth:**	00.10m

Description of any Features:

Trench: 187 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.52m **Minimum Depth:** 00.30m

TOPSOIL:	MID	GREY-BROWN	SOFT	SANDY LOAM	**Depth:**	00.36m
SUBSOIL:					**Depth:**	

NATURAL: MID ORANGE-RED SOFT SANDY LOAM **Depth:** 00.10m
Description of any Features:

Trench: 188 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.46m **Minimum Depth:** 00.31m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE FIRM CLAY SAND **Depth:** 00.10m
Description of any Features:
FIVE LAND DRAINS WERE LOCATED WITHIN THIS TRENCH, IN ADDITION TO A SECTION OF CONCRETE IN THE NORTH-EASTERN PART OF THE TRENCH

Trench: 189 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.49m **Minimum Depth:** 00.37m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE FIRM CLAY SAND **Depth:** 00.10m
Description of any Features:
FOUR LAND DRAINS WERE LOCATED WITHIN THIS TRENCH, ALL RUNNING NORTH TO SOUTH, AND ALL 0.25M WIDE

Trench: 190 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.36m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.25m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.15m
Description of any Features:

Trench: 191 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.48m **Minimum Depth:** 00.42m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.28m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.15m
Description of any Features:
TWO LAND DRAINS WERE LOCATED WITHIN THE TRENCH, BOTH 0.25M WIDE

Trench: 192 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.42m **Minimum Depth:** 00.31m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
ONE ELECTRIC CABLE RAN THROUGH THE TRENCH, RESULTING IN A NOT FULL EXCAVATION AT THE WESTERN SIDE OF THE CENTRE OF THE TRENCH

Trench: 193 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN SOFT SANDY LOAM **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS BOTH 0.25M WIDE, BOTH WITHIN THE SOUTH-WESTERN PART OF THE TRENCH AND RUNNING EAST TO WEST

Trench: 194 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.46m **Minimum Depth:** 00.38m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN 0.25M WIDE IN THE NORTH-WESTERN QUARTER OF THE TRENCH

Trench: 195 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.32m **Minimum Depth:** 00.28m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.22m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
TWO SERVICES WERE LOCATED RUNNING ACROSS THE WESTERN PART OF THE SITE

Trench: 196 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.40m

SUBSOIL: **Depth:**
NATURAL: MID ORANGE-YELLOW FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN 0.25M WIDE RAN THE ENTIRE LENGTH OF THE TRENH ON ITS NORTH-EASTERN SIDE.

A FLAT BASED V-SHAPED SHALLOW DITCH WAS LOCATED AT THE NORTH-WESTERN END OF THE TRENCH, FILLED WITH TOPSOIL. NO DATEABLE FINDS WERE FOUND FROM THE FEATURE.
AN IRREGULAR PIT WITH ONE UNWORKED FLINT RECOVERED FROM THE FILL, WAS LOCATED AT THE CENTRE OF THE TRENCH.
A FURTHER FEATURE, TO THE SOUTH OF THE IRREGULAR PIT, PROVED TO BE A POSSIBLE POST HOLE OR BURNT OUT PLANT OR ROOT BOLE.
TO THE SOUTH OF THIS WAS A FURTHER POSSIBLE POST HOLE, WHICH CONTAINED CHARCOAL. THE FILL CONSISTED OF SAND MIXED WITH CHARCOAL.

Trench: 197 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.60m
SUBSOIL: **Depth:**
NATURAL: MID ORNAGE-BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
FOUR LAND DRAINS WERE LOCATED ALIGNED NORTH TO SOUTH AND WERE ALL 0.25M WIDE

Trench: 198 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.80m **Minimum Depth:** 00.48m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.70m
SUBSOIL: **Depth:**
NATURAL: LIGHT FIRM FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
FOUR LAND DRAINS RAN NORTH TO SOUTH ACROSS THE TRENCH, ALL 0.25M WIDE. PART OF AN OLD ROAD SURFACE IN THE WESTERN EXTREME OF THE TRENCH

Trench: 200 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.32m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.25m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE-YELLOW FIRM SANDY CLAY **Depth:** 00.08m
Description of any Features:
THREE LAND DRAINS 0.25M WIDE ALIGNED EAST TO WEST ACROSS THE TRENCH

Trench: 201 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY-BROWN SOFT SANDY LOAM **Depth:** 00.40m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE-BROWN FIRM CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN WAS LOCATED WITHIN THE TRENCH, RUNNING NORTH-WEST TO SOUTH-EAST, BENEATH A CONCRETE SLAB LOCATED AT THE CENTRE OF THE TRENCH.
A FEATURE WAS ALSO OBSERVED RUNNING EAST TO WEST IN THE WESTERN HALF OF THE TRENCH. TWO SLOTS WERE EXCAVATED TO TEST THIS FEATURE, ONE AT THE EASTERN EXTENT, AND ONE AT THE WESTERN.
SLOT ONE, AT THE EASTERN END, REVEALED THE LAND DRAIN RUNNING INTO A BRICK BUILT CHAMBER WITH A CONCRETE LID MADE IN PARTS. THE DEPTH OF THE BRICKS WAS 0.34M.
SLOT TWO, AT THE WESTERN END, REVEALED A U-SHAPED DITCH OR FIELD BOUNDARY FEATURE, UTILISED FOR A MODERN DRAIN.

Trench: 202 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 01.10m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.35m
SUBSOIL: **Depth:**
NATURAL: MID ORANGEY BROWN FIRM CLAY **Depth:** 00.75m
Description of any Features:
FIVE LAND DRAINS 0.25M WIDE

Trench: 203 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 06.38m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.25m
SUBSOIL: **Depth:**
NATURAL: MID YELLOW ORANGE SOFT SANDY CLAY **Depth:** 00.12m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 204 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.30m
TOPSOIL: DARK BROWN SOFT LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE YELLOW FIRM SAND AND CLAY **Depth:** 00.20m
Description of any Features:
FOUR LAND DRAINS 0.25m WIDE

Trench: 205 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.40m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.36m
SUBSOIL: **Depth:**
NATURAL: MID ORANGY YELLOW FIRM CLAYEY SAND **Depth:** 00.18m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 206 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.50m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGY YELLOW SOFT SANDY CLAY **Depth:** 00.30m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 207 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.40m
TOPSOIL: DARK BROWN SOFT LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE YELLOW FIRM SAND AND CLAY **Depth:** 00.25m
Description of any Features:
TWO LAND DRAINS 0.24m WIDE
TWO FEATURES, FEATURE ONE, SECTIONED (TREE BOLE)
FEATURE TWO, SLOT CUT THROUGH ON EAST EDGE, SHALLOW LINEAR 0.75m WIDE 0.10m DEEP, CONTAINED NO ARCHAEOLOGICAL MATERIAL

Trench: 208 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.45m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.38m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS 0.25m WIDE

Trench: 209 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.48m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.48m
SUBSOIL: **Depth:**
NATURAL: DARK ORANGE YELLOW FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
LAND DRAIN 0.25m WIDE

Trench: 210 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.40m
TOPSOIL: LIGHT LIGHT BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID YELLOW FIRM SANDY SILT **Depth:** 00.15m
Description of any Features:
TWO LAND DRAINS 0.23m WIDE

Trench: 211 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.50m **Minimum Depth:** 00.40m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID YELLOW ORANGE SOFT SANDY SILT **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 212 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.45m **Minimum Depth:** 00.37m
TOPSOIL: DARK GREY BROWN SOFT SANDY SOIL **Depth:** 00.26m
SUBSOIL: **Depth:**
NATURAL: DARK ORANGEY BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS 0.25m WIDE
TWO LINEAR FEATURES SHALLOW DITCH GULLEYS FILLED WITH GREY SILT

Trench: 213 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.35m
TOPSOIL: DARK GREY BROWN SOFT SANDY SOIL **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT CREAMY ORANGE FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 214 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.40m
TOPSOIL: DARK GREY BROWN SOFT SANDY SOIL **Depth:** 00.20m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGEY GREY FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS 0.25m WIDE

Trench: 215 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.65m **Minimum Depth:** 00.30m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.60m
SUBSOIL: **Depth:**
NATURAL: DARK ORANGE FIRM SILTY CLAY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS 0.25m WIDE

Trench: 216 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.48m **Minimum Depth:** 00.35m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT YELLOW GREY FIRM SANDY CLAY **Depth:** 00.17m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 217 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.70m **Minimum Depth:** 00.50m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.44m
SUBSOIL: LIGHT ORANGY YELLOW SOFT SANDY SILT **Depth:** 00.20m
NATURAL: LIGHT ORANGE GREY FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS 0.25m WIDE

Trench: 218 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.63m **Minimum Depth:** 00.50m
TOPSOIL: MID GREY BROWN SOFT SANDY SOIL **Depth:** 00.55m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGE GREY FIRM SANDY **Depth:** 00.10m
Description of any Features:
THREE LAND DRAINS 0.25m WIDE

Trench: 219 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.52m **Minimum Depth:** 00.32m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.28m
SUBSOIL: **Depth:**
NATURAL: MID YELLOWY FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 220 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.54m **Minimum Depth:** 00.40m
TOPSOIL: DARK GREY BROWN SOFT SANDY SOIL **Depth:** 00.30m

SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGEY GREY FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
FIVE LAND DRAINS 0.25m WIDE

Trench: 221 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.50m
TOPSOIL: MID BROWN GREY SOFT SANDY SOIL **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT ORANGEY SOFT SAND **Depth:** 00.10m
Description of any Features:
TWO LAND DRAINS 0.25m WIDE

Trench: 222 **Width:** 01.80m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.50m
TOPSOIL: MID BROWN GREY SOFT SANDY SOIL **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: LIGHT GREY BROWN FIRM SANDY SILTY CLAY **Depth:** 00.10m
Description of any Features:
FIVE LAND DRAINS 0.25m WIDE

Trench: 223 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.40m **Minimum Depth:** 00.32m
TOPSOIL: MID GREYISH BROWN FIRM CLAYEY SILT **Depth:** 00.32m
SUBSOIL: **Depth:**
NATURAL: LIGHT PINKISH YELLOW FIRM SANDY SILT CLAY **Depth:**
Description of any Features:
TWO LAND DRAINS 0.25m WIDE
UNKNOWN SERVICES (ONE) AND MODERN DRAINAGE GULLIES

Trench: 224 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.35m
TOPSOIL: MID GREY BROWN FIRM CLAY SILT **Depth:** 00.50m
SUBSOIL: **Depth:**
NATURAL: LIGHT PALE YELLOW FIRM SILT CLAY STONES **Depth:**
Description of any Features:
FOUR LAND DRAINS 0.3m

Trench: 225 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.60m **Minimum Depth:** 00.35m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.25m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND DRAIN 0.25m WIDE

Trench: 226 **Width:** 02.00m **Length:** 30.00m **Maximum Depth:** 00.58m **Minimum Depth:** 00.36m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.27m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE BROWN FIRM SANDY CLAY **Depth:** 00.25m
Description of any Features:
FOUR LAND DRAINS 0.25m WIDE

Trench: 227 **Width:** 02.00m **Length:** 26.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.40m
TOPSOIL: MID BROWN SOFT SANDY LOAM **Depth:** 00.28m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE BROWN FIRM SANDY CLAY **Depth:** 00.10m
Description of any Features:
ONE LAND RAIN 0.25m WIDE AND SERVICES TYPE UNKNOWN

Trench: 228 **Width:** 02.00m **Length:** 26.00m **Maximum Depth:** 00.55m **Minimum Depth:** 00.40m
TOPSOIL: MID GREY BROWN SOFT SANDY LOAM **Depth:** 00.30m
SUBSOIL: **Depth:**
NATURAL: MID ORANGE BROWN FIRM SANDY CLAY **Depth:** 00.15m

Description of any Features:
TWO LAND DRAINS 0.25m WIDE
SERVICES UNKNOWN

Trench: 229	**Width:** 02.00m	**Length:** 30.00m	**Maximum Depth:** 00.50m		**Minimum Depth:** 00.43m		
TOPSOIL:	MID	GREY BROWN	SOFT	SANDY LOAM	**Depth:**	00.35m	
SUBSOIL:					**Depth:**		
NATURAL:	MID	ORANGE BROWN	FIRM	SANDY CLAY	**Depth:**	00.23m	

Description of any Features:
ONE LAND DRAIN 0.25m WIDE

APPENDIX 5: FIGURES

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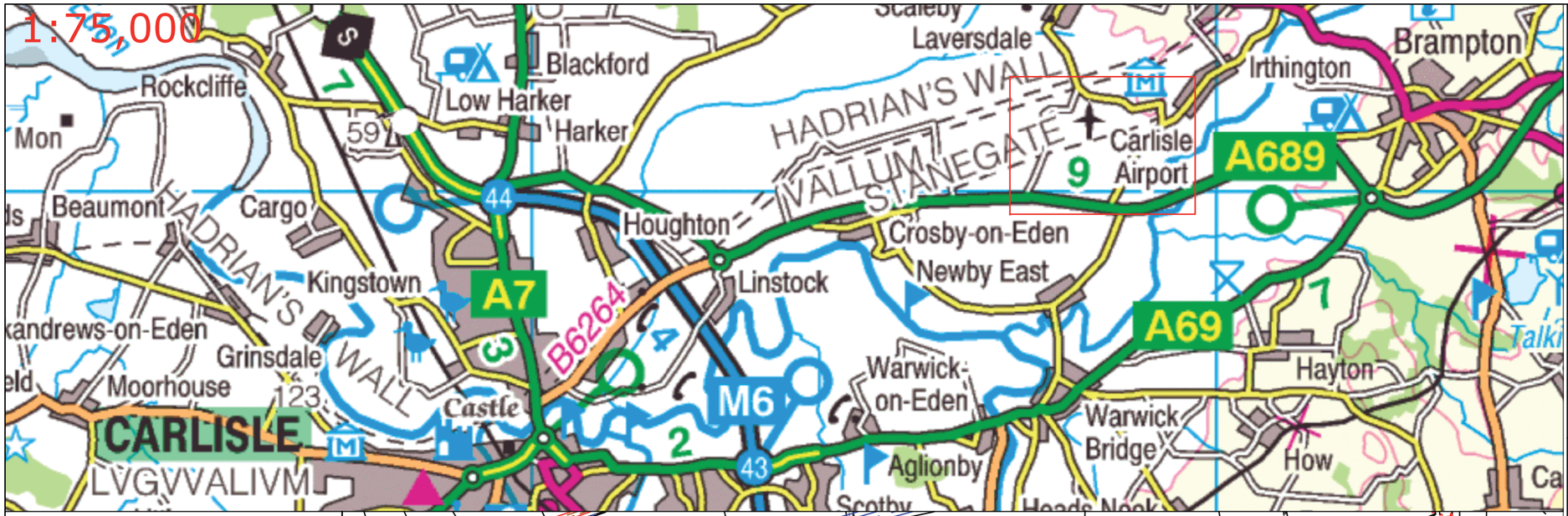

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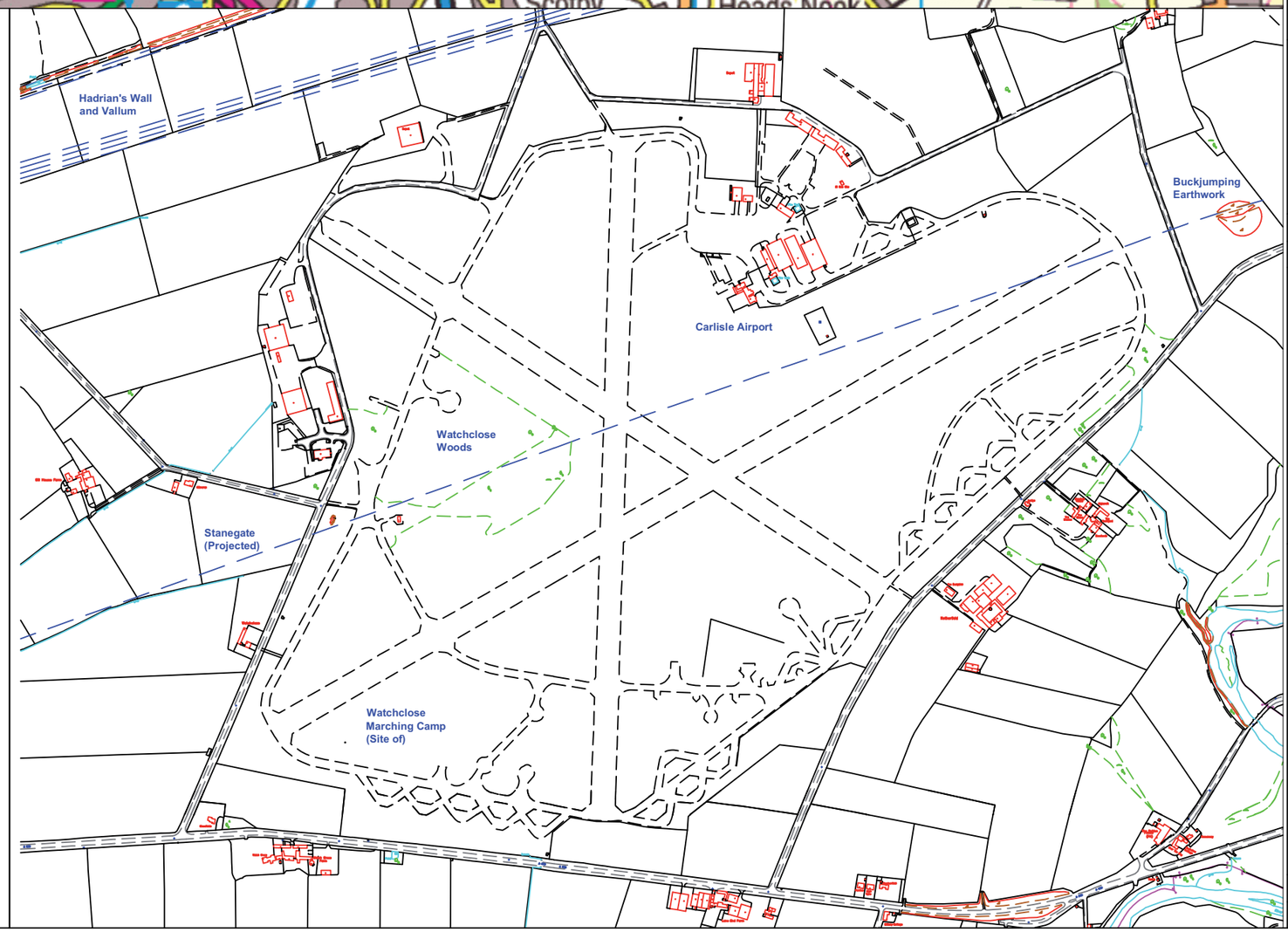

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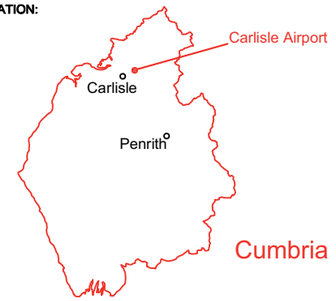


KEY

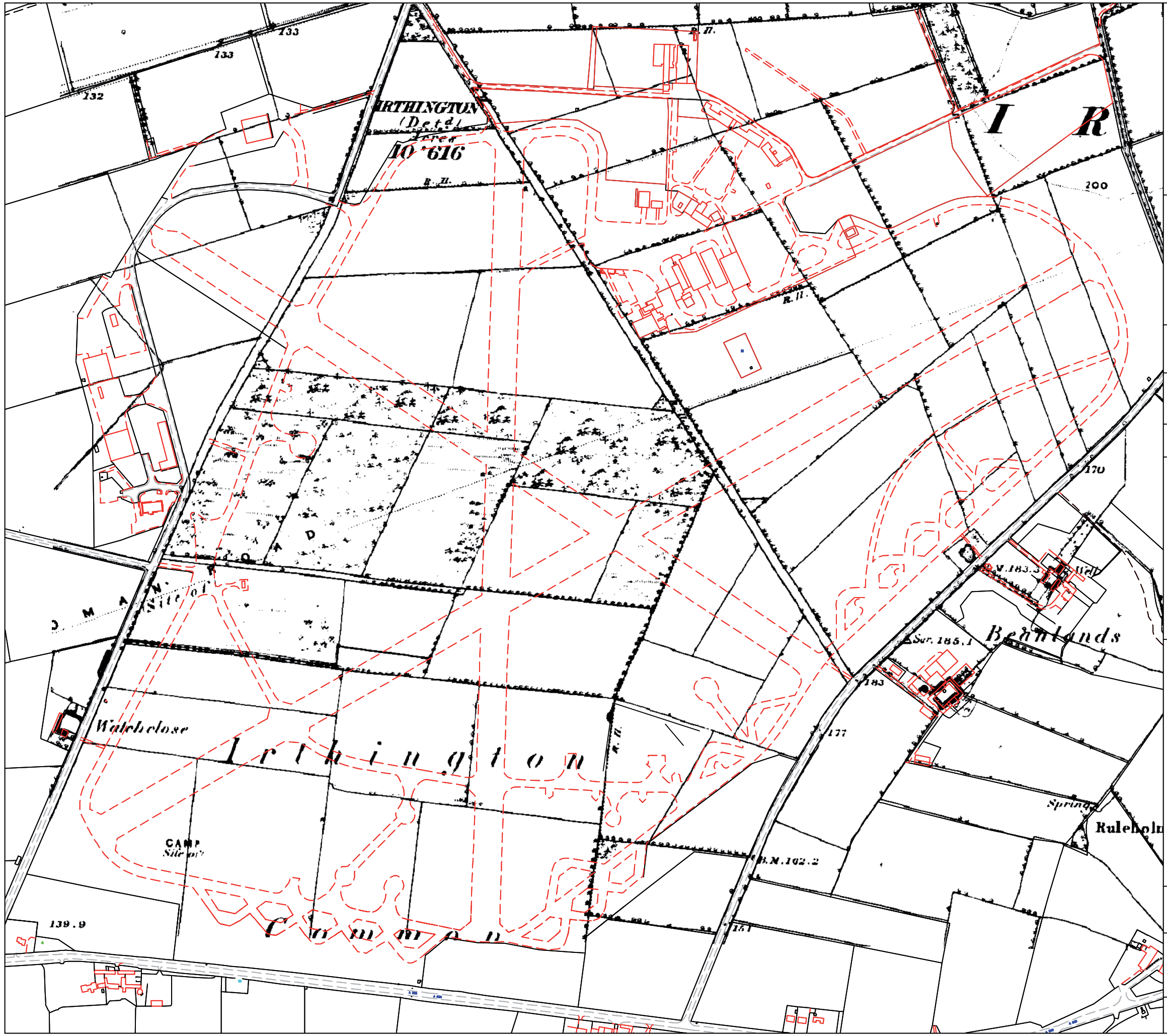
Location of Inset

Hadrian's Wall and Vallum — Map Features

Report No: CP 471/07

Figure No: 1

Figure 1: Site Location



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Airport Boundary

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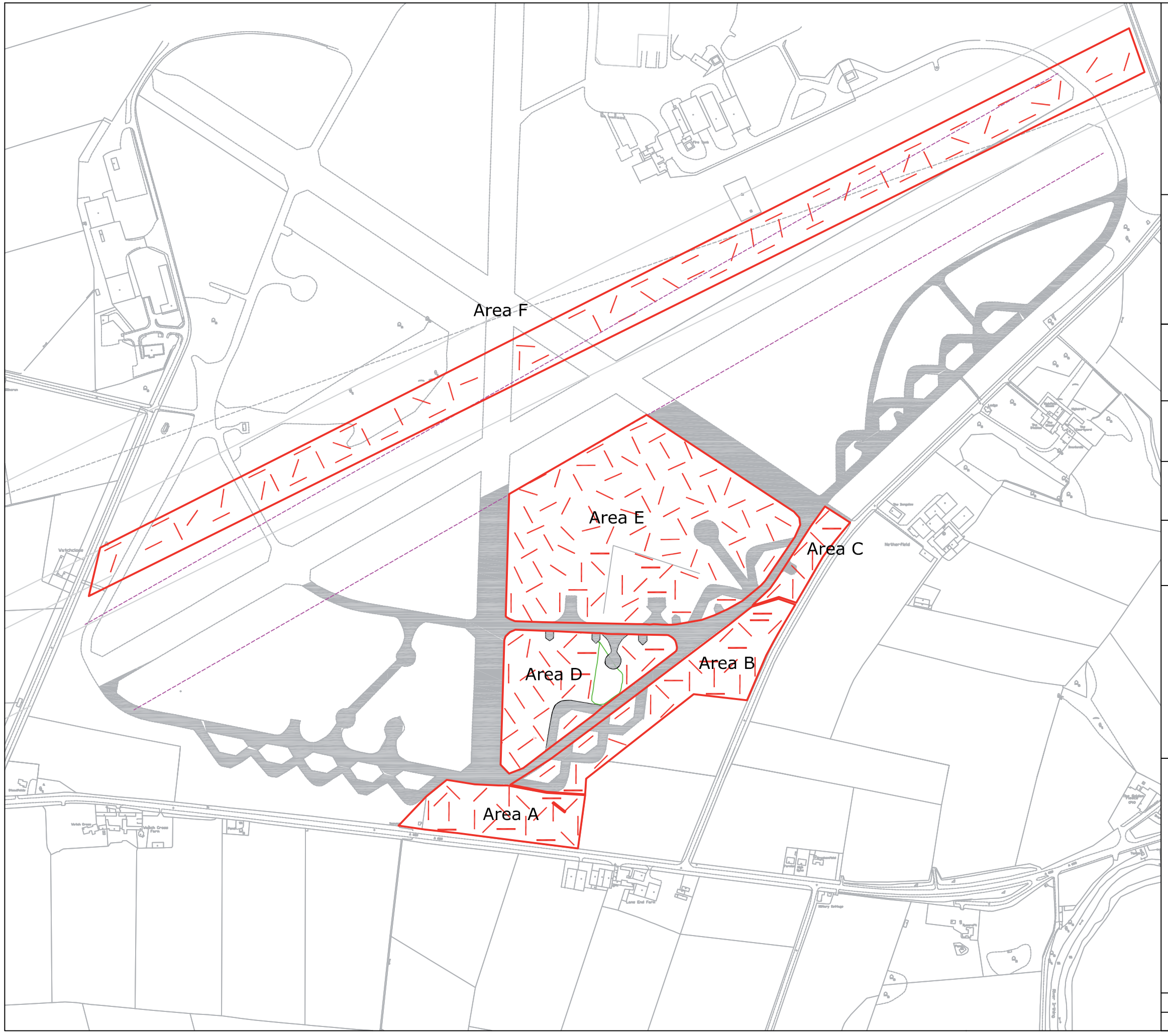
FIGURE: 2

Figure 2: Overlay with First Edition OS Map



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LOCATION:

KEY

Area Limits

Evaluation Trenches

Report No: CP 471/07

Figure No: 3

Figure 3 : Trench Layouts and Sub-Divided Areas

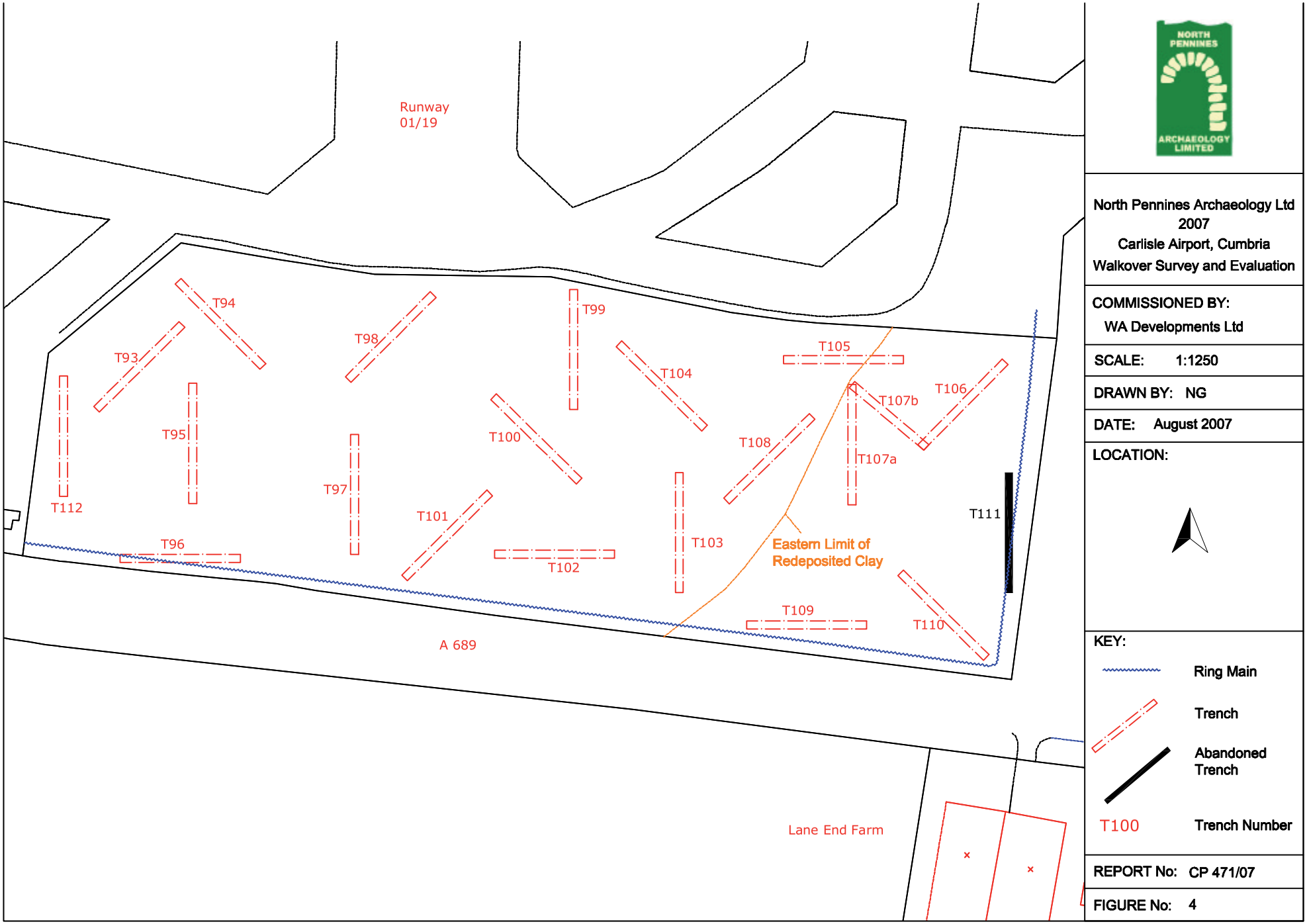
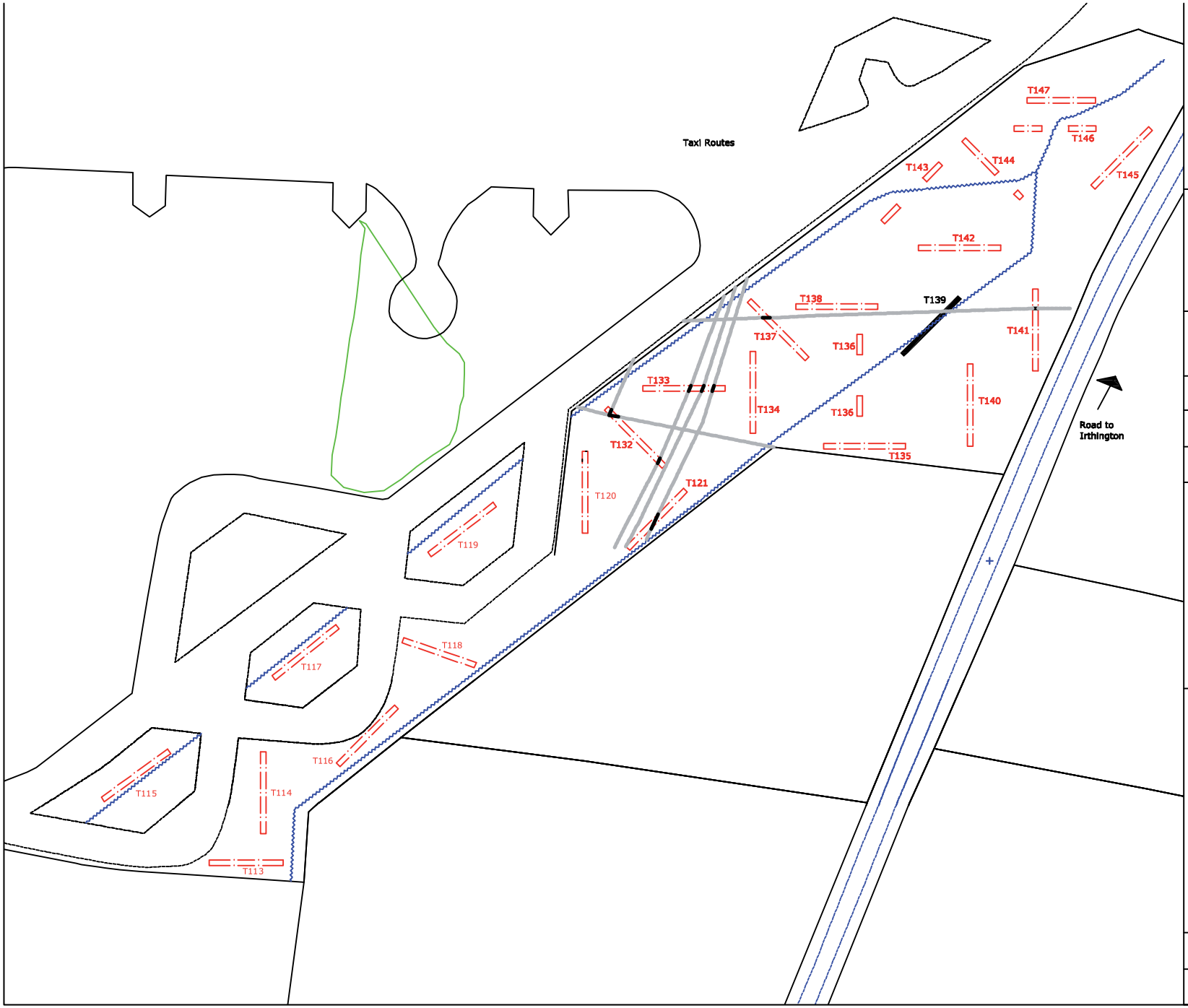


Figure 4 : Evaluation Area A in Development Area 1



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LOCATION:

KEY:

T100 Trench Number

Features in Trenches

Projected Line of Features

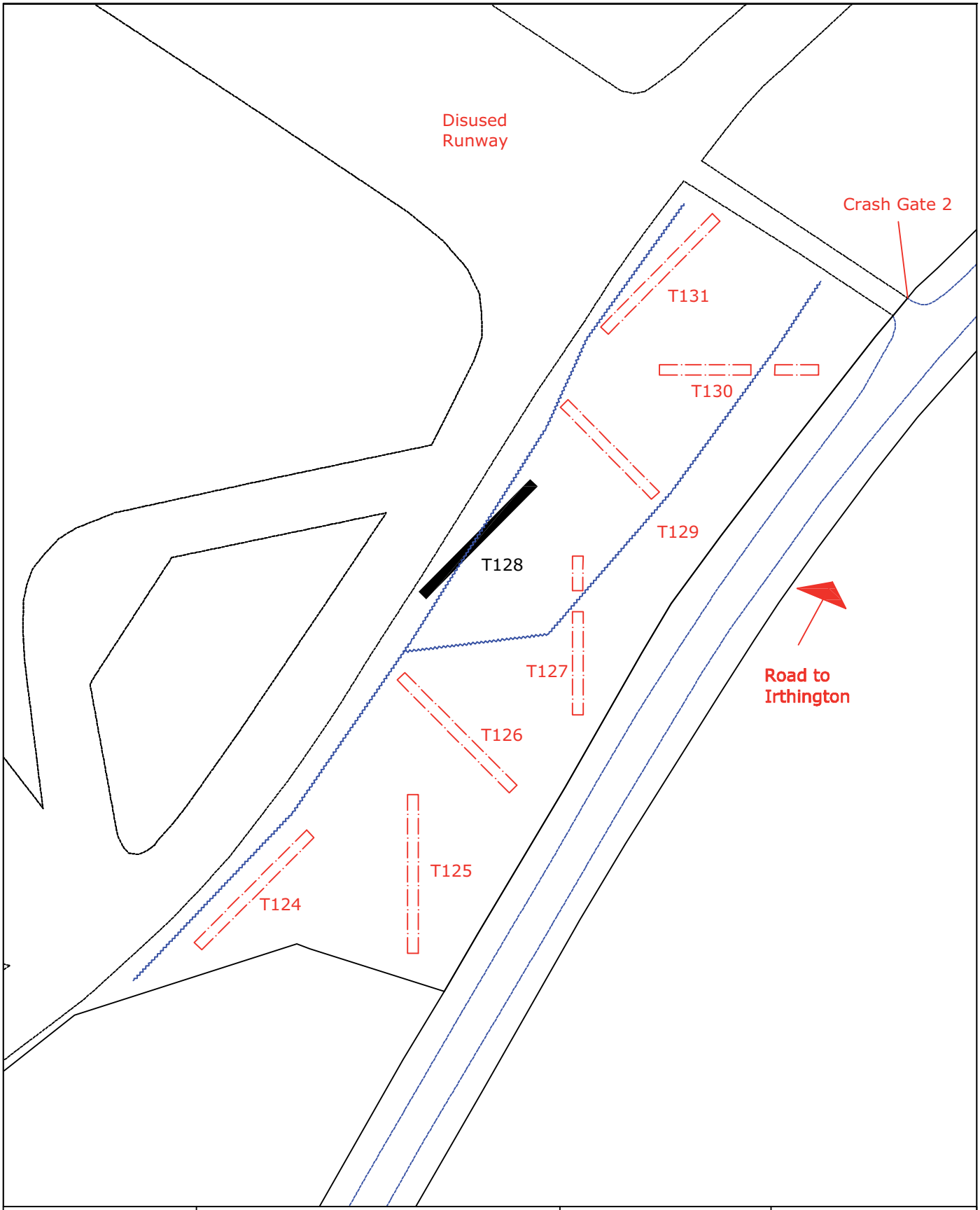
Abandoned Trench

Trench Location

REPORT No: CP 471/07

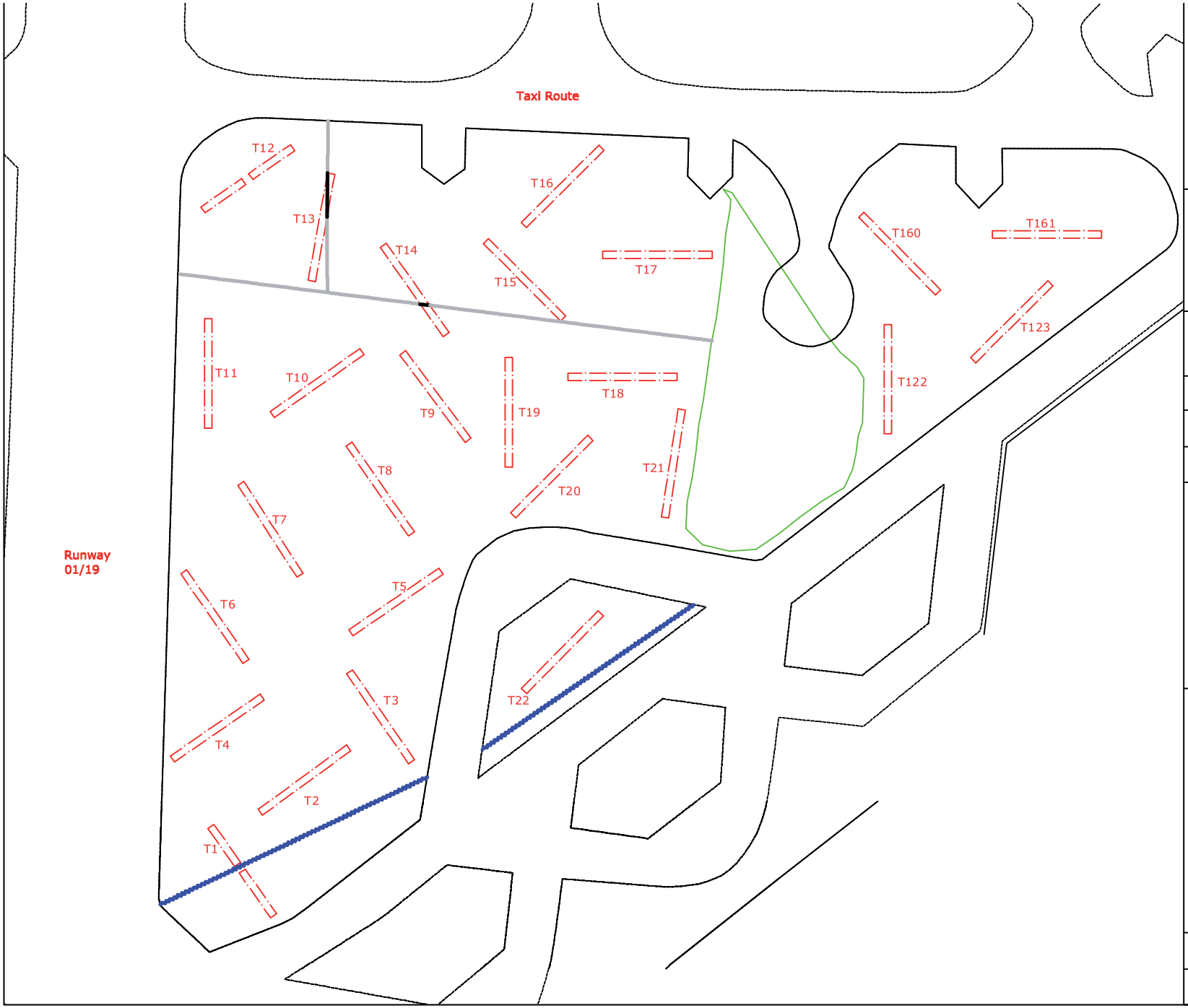
FIGURE No: 5

Figure 5 : Evaluation Area B in Development Area 1



North Pennines Archaeology Ltd 2007	PROJECT: Carlisle Airport, Cumbria Walkover Survey and Evaluation SCALE: 1:1000 REPORT No: CP 471/07 CLIENT WA Developments Ltd DRAWN BY: NG DATE: August 2007 FIGURE No: 6	LOCATION:	KEY: Ring Main T125 Trench Number Abandoned Trench Trench Location

Figure 6 : Evaluation Area C in Development Area 1



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LOCATION:

KEY:
T14 Trench Number
Trench Location
Feature in Trench
Feature Alignment
Ring Main

REPORT No: CP 471/07

FIGURE No: 7

Figure 7 : Evaluation Area D in Development Areas 1 and 2

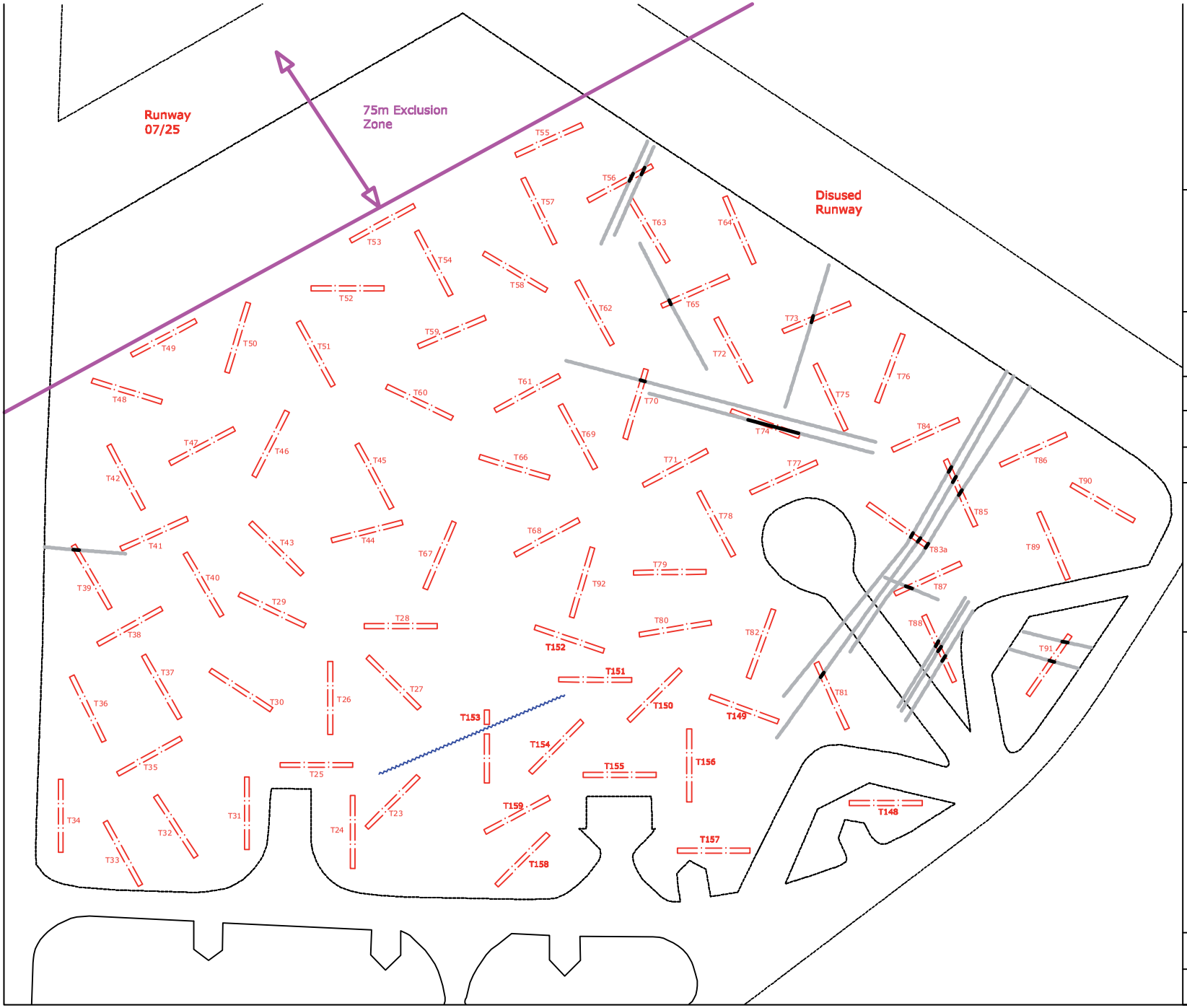
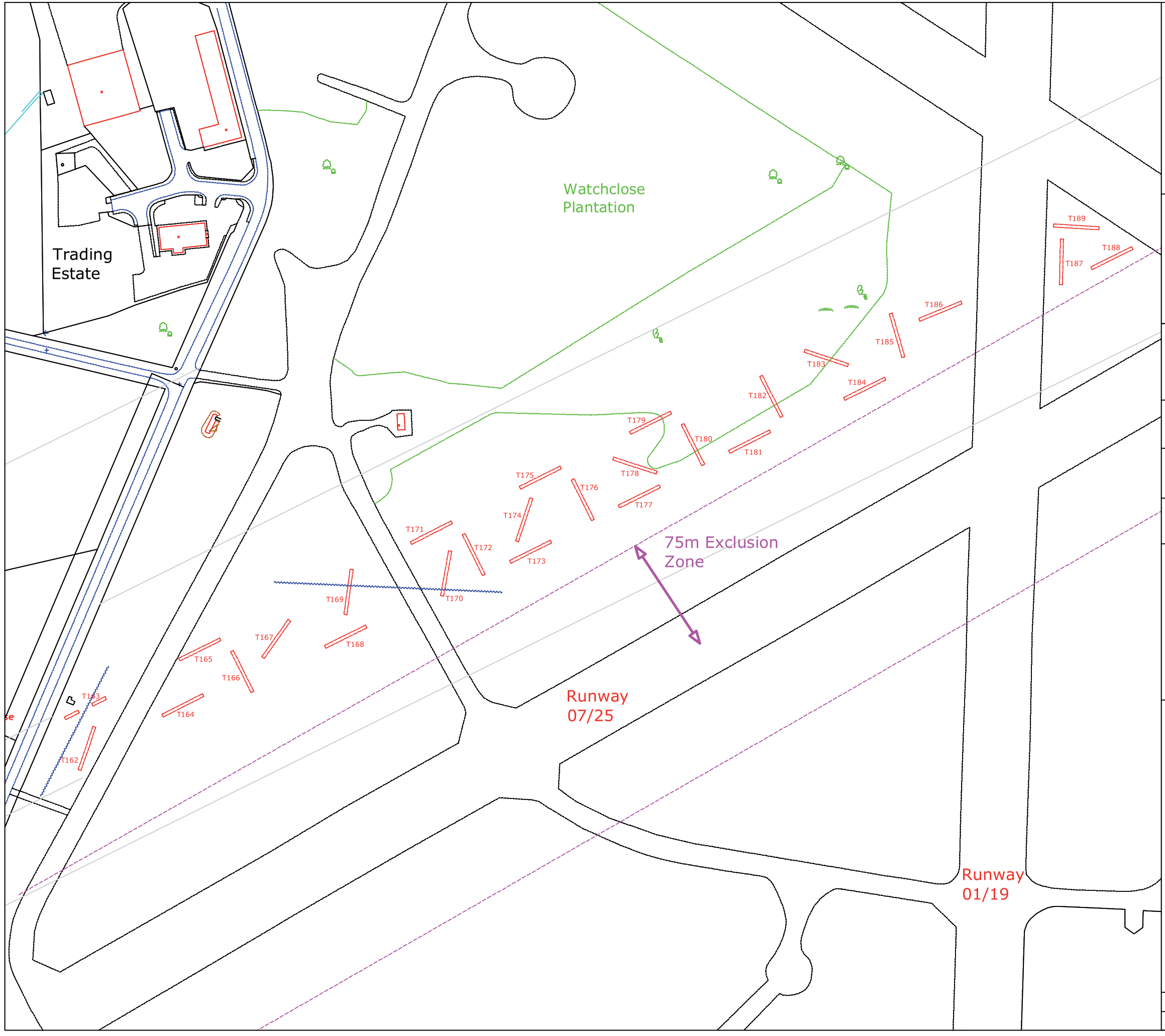


Figure 8 : Evaluation Area E in Development Areas 1 and 2



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DATE: August 2007

LOCATION:

KEY

Trench Location

T189 Trench Number

75m Runway Exclusion Zone

Ring Main

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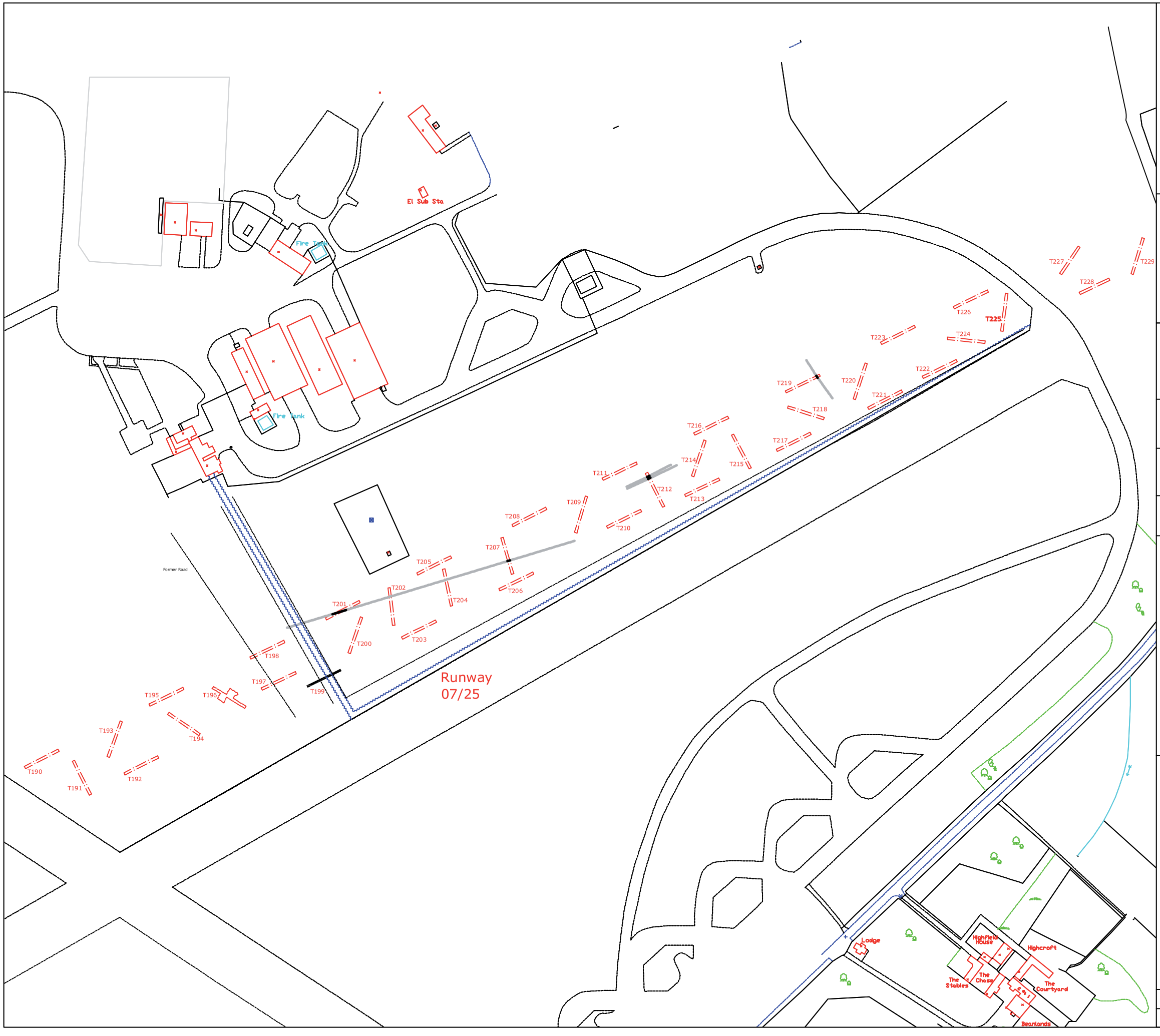
Figure No: 9

Figure 9 : Western End of Evaluation Area F in Development Area 3



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LOCATION:

KEY

T207	Trench Number
	Ring Main
	Feature in Trench
	Projected Line of Features
	Trench Location
	Abandoned Trench

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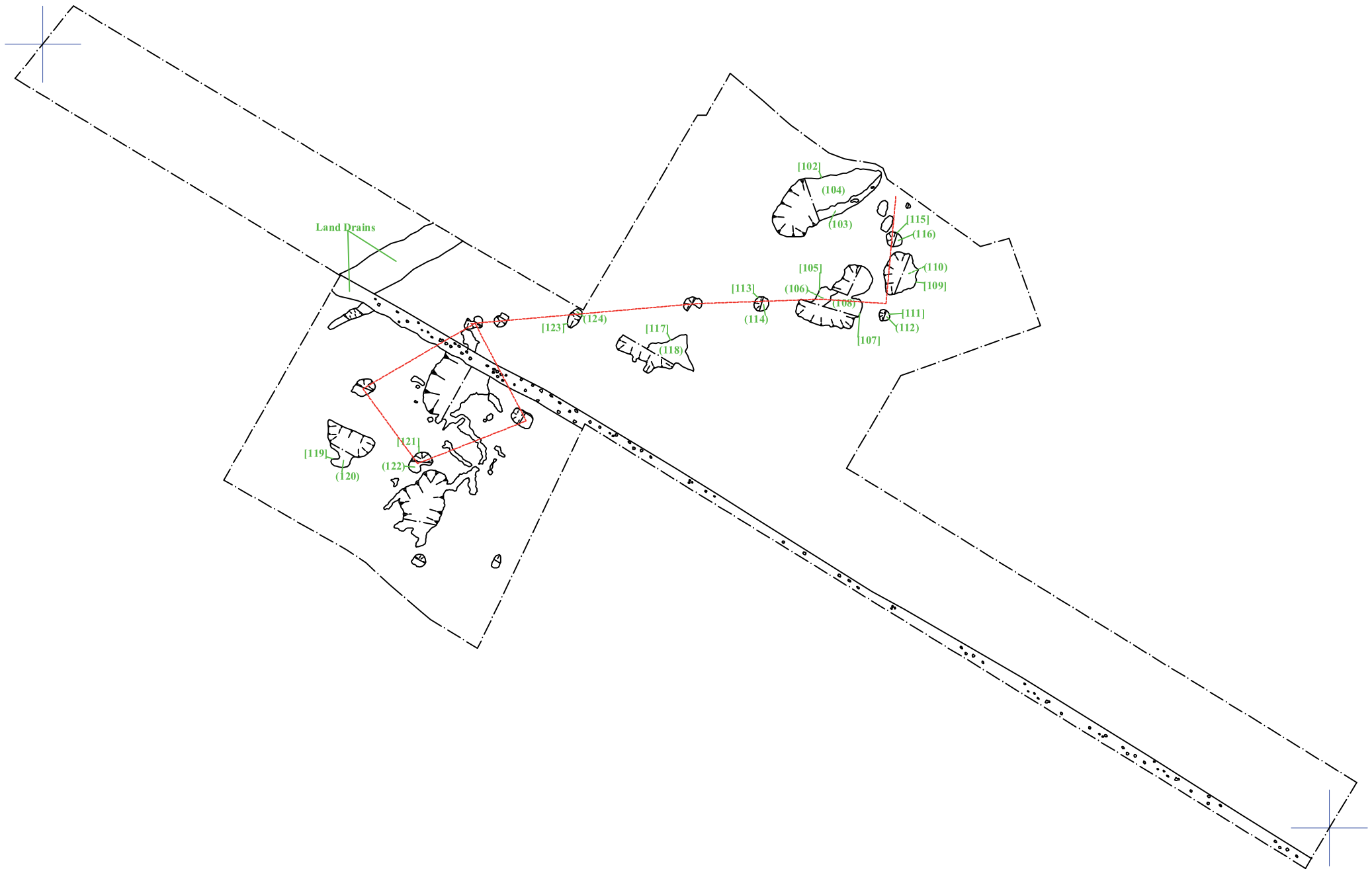
Figure No: 10

Figure 10 : Western End of Evaluation Area F in Development Area 3



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DATE: August 2007

LOCATION:

KEY:

(116) Context Label

Feature Outline

Hachure

Section Line

Projected Feature Line

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Figure No: 11

Figure 11 : Plan of Trench 196