EAST PARK ENERGY

East Park Energy

EN010141

Environmental Statement

Volume 2 – Technical Appendices

Appendix 6-5: Archaeological Geophysical Survey Report

Part 1 of 3

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Appendix 6-5: Archaeological Geophysical Survey Report
Part 1 of 3

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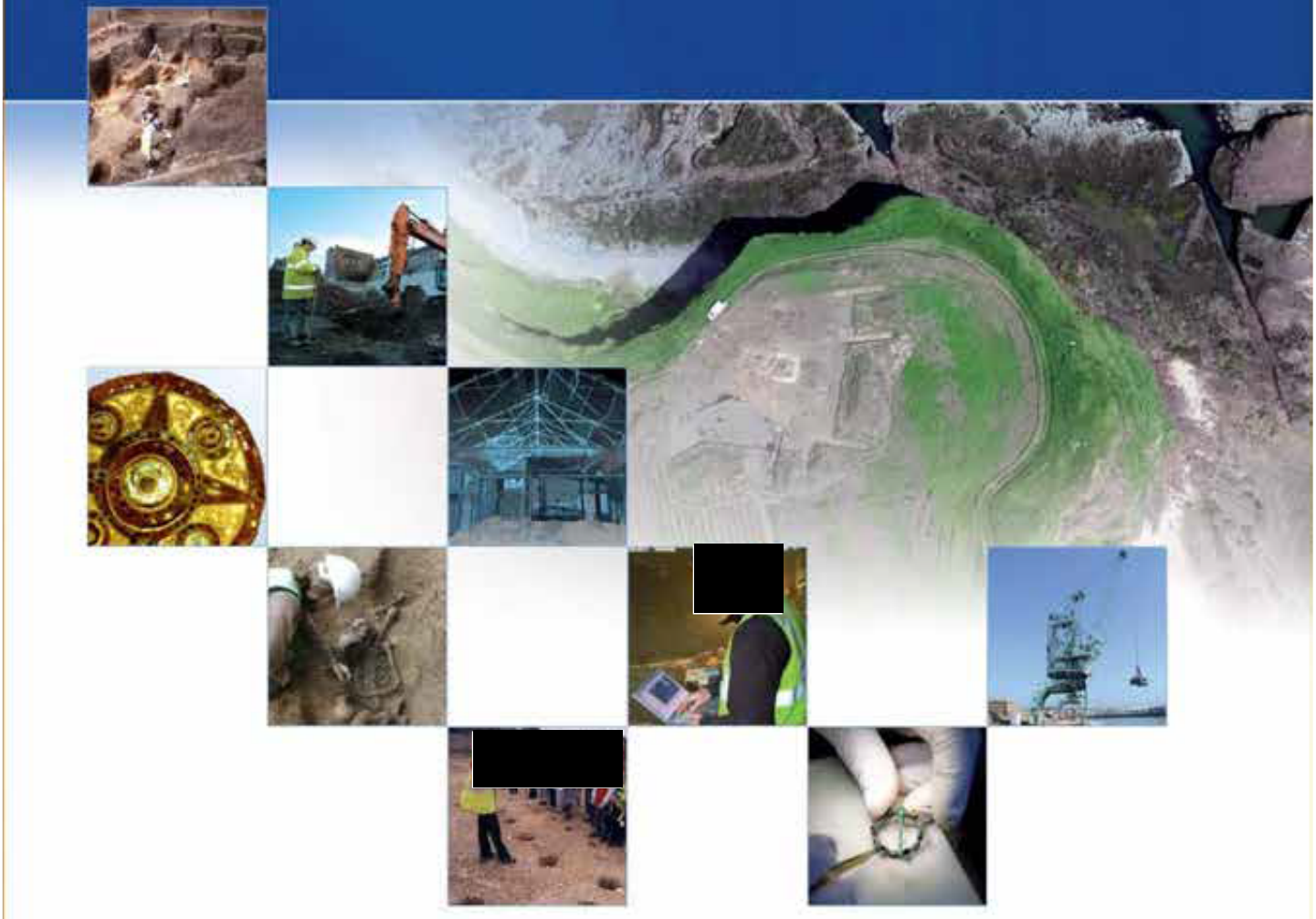
East Park Energy
Bedford Borough & Cambridgeshire
Archaeological Geophysical Survey

National Grid Reference: TL 08004 63268
AOC Project No: 40288
Date: 24 September 2025



AOC Archaeology Group

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East Park Energy, Bedford Borough & Cambridgeshire

Archaeological Geophysical Survey

On Behalf of:	**RNA Energy Ltd 16 Stratford Place, London W1C 1BF**
National Grid Reference (NGR):	**TL 08004 63268 (centre)**
AOC Project No:	**40288**
HER Number:	**ECB7446**
OASIS IC	**aocarcha1-513470**
Prepared by:	[redacted] **ACIfA**
Illustrations by:	[redacted] **ACIfA**
Date of survey:	**November 2022 – September 2025**
Surveyors:	[redacted]

This document has been prepared in accordance with AOC standard operating procedures.

Author: [redacted] **ACIfA**	**Date: 24 September 2025**
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Report Stage: Final	**Date: 24 September 2025**

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Non-Technical Summary

Following desktop research, AOC Archaeology Group was commissioned by RNA Energy Ltd to undertake an archaeological geophysical survey, using the magnetic gradiometry method to investigate the potential for buried archaeological remains prior to a proposed development at the East Park Energy site, which is within the administrative areas of Bedford Borough and Cambridgeshire County Council, centred at TL 08004 63268.

Probable and possible archaeological activity has been detected across all sections of the survey area.

Within East Park Site A there are six main foci of archaeological activity. Known from HER assets a possible farmstead with round houses (MBB22222) has been detected, and further settlement/enclosure systems, and double-ditch trackways have been identified as well.

East Park Site B contains another eight foci of archaeological activity and those most likely represent well-structured settlement systems with double ditch trackways, enclosure systems and possible funerary activity.

An extensive area of archaeological activity has been detected within the northern part of East Park Site C spreading across approximately 31ha. It reflects a well organised and advanced settlement of probable Romano-British chronology with a network of roads, internal divisions, and possible central main square. It is likely that the area was used for production activity. Additionally, a separate focus of archaeological activity has been detected in the southern part of East Park Site C.

Within East Park Site D a scattered archaeological activity was recorded in forms of settlement/ enclosure systems and possible trackways.

Multiple linear and circular anomalies and trends classified as having an ‘Unclear Origin’ have been detected across all sections of the survey areas and archaeological interpretations for these cannot be excluded.

Anomalies of modern and historical agricultural origin have been identified across all sections of the survey area in a form of former mapped field boundaries, former mapped footpaths, ridge and furrow cultivation, modern ploughing trends and drains.

Anomalies associated with mineral extraction have been detected across all sections of the survey area. These are especially clear within East Park Site D where historic coprolite mining has been recorded (MCB18722).

Natural variations have been identified across all sections of the survey area and reflect changes in local geology. The impact of modern activity on the survey data is caused by fencing and other metal objects within, and at, the perimeters of the survey area, others relate to larger pipes and services as well as above ground pylons.

In the east of the internal cabling route between Sites C and D two parallel trends of a possible archaeological origin have been detected. These may indicate a trackway associated with enclosures detected to the north in Site D. The results from the internal cabling route between Site B and Site C are dominated by responses from past ridge and furrow cultivation which correspond well with the recorded cropmarks (MCB10795).

In the southern section of the grid connection corridor two concentrations of probable archaeology have been detected. These coincide with a known later prehistoric/Romano British settlement cropmark (MBB22334) and a recorded subcircular enclosure (MBB22339). Another group of linear anomalies, on generally north-south and east-west alignments have been detected. These appear to form a series of enclosures that extend beyond the survey limits and may be associated with the recorded later prehistoric/Romano British cropmark recorded to the north (MBB22339). Parallel curving trends have been noted in the northern half of the corridor. These have been categorised as having a possible archaeological origin as they coincide with the location of recorded square and circular enclosures (MCB19079), although agricultural origins are possible.

1 Introduction

1.1 Following desktop research, AOC Archaeology Group was commissioned by RNA Energy Ltd to undertake an archaeological geophysical survey using magnetic gradiometry at the East Park Energy site. The survey was commenced in November 2022 and completed in September 2025 as part of a wider scheme of archaeological assessment in advance of the proposed development of the site. The planned original survey area was c. 661ha, of which c. 659ha has been completed.

1.2 An additional c. 25.7ha has been added to the original scope which are Area 65 and 66. These have been included in this report. Therefore, the scheme total is c. 687ha of which c. 685ha has been completed.

1.3 In addition, 14ha of survey covering the internal cabling route were selected for survey and a further 17ha along the grid connection corridor has also been surveyed.

1.4 Archaeological geophysical survey uses non-intrusive and non-destructive techniques to determine the presence or absence of anomalies likely to be caused by archaeological features, structures or deposits, as far as is reasonably possible (CIfA, 2014). It is therefore a common component of the process of evaluating the impact of development on the historic environment. It is also a key tool in archaeological research as it is non-destructive and able to cover large areas, to allow below ground interventions to be appropriately targeted.

1.5 This survey was carried out to provide information on the presence, character and extent of potential buried archaeological remains within the proposed development site. The significance of any such remains can only be determined with reference to further information as such this report may form part of an assessment of significance but cannot stand alone as such.

2 Survey Area Location and Description

2.1 The survey area is based on the Scoping Report boundary for the project and is located between Swineshead and Hail Weston, predominantly south of Swineshead Road in the west and Kimbolton Road in the east, centred at TL 08004 63268 (see Figure 1).

2.2 The survey area totals approximately 718ha and consists of multiple fields consisting of pasture and arable land. The site is situated on undulating uneven ground, ranging from approximately 50m above Ordnance Datum (aOD) in the south, sloping towards the north to approximately 25-30m aOD.

2.3 The bedrock recorded geology within the survey area consists of silicate-mudstone, generally smooth to slightly silty with sporadic beds of argillaceous limestone nodules (BGS, 2023). These are overlain by Lime-rich loamy and clayey soils with impeded drainage (Soilscapes, 2023).

2.4 Gradiometer survey is suggested to provide a good response over limestones, especially over Jurassic limestone bedrocks (David et al. 2008, 15). In this case, the clarity of the geophysical results are likely to be good, as the local geology is deemed unlikely to have any detrimental effect.

3 Archaeological Background

3.1 Initial desk-based assessment work, including review of relevant HERs and the NHLE, map regression, aerial photograph and LiDAR review and archival research as well as walkover survey and initial setting assessment site visits were undertaken in summer 2022, and the historic environment baseline and results of the desk-based research were summarised in the Scoping Report, submitted in 2023. The archaeological background below is drawn from the Chapter 11 - Cultural Heritage and Archaeology of the Scoping Report and asset numbers refer to below are drawn from that document (RNA Energy Ltd, 2023) (EN010141-000010-EPEP - Scoping Report.pdf (planninginspectorate.gov.uk). The HER numbers displayed on figures within this report correspond to the asset numbers described below.

East Park Site A

3.2 Non-designated heritage assets within Site A include prehistoric hut circles (Asset 210; MBB22222) recorded via aerial photographic transcription; the extent of a medieval deer park (centred Asset 516); and post-medieval and modern remains typical of a rural, agrarian landscape including historically recorded buildings, a fishpond and extraction pits. The location of the hut circles (Asset 210; MBB22222) was found to be occupied by a stand of trees during a walkover survey in 2022.

3.3 Middle Farm Lodge, a former Grade II Listed 16th century Farmhouse (Asset 737), de-listed and demolished in 2010, is recorded within an L-shaped area of woodland within Site A. Markers for animals, likely pet burials associated with the later occupants of the building (Asset 737), were identified along the southern edge of the woodland. The area along the southern edge of the woodland appears to still be in use for pet burials. Two probable post-medieval roofed buildings (Asset 736), arranged in a courtyard farm layout were identified within the northern extent of the wood. These buildings were likely ancillary structures associated with the former farmhouse (Assets 737). It is unclear as to why these buildings were retained following the demolition of the Farmhouse, although as the building have doors and roofs it is possible, they were still in active use as farm buildings.

3.4 An aerial investigation and mapping project undertaken in 2019 recorded areas of levelled medieval ridge and furrow and post-medieval steam ploughed cultivation remains within Site A. The southern extent of a medieval earthwork bank has been reported as extending into the northern boundary of Site A, however, no remains of the bank were identified during a walkover survey in 2022. Any remains of the bank may have been more difficult to identify on upward sloping land which was in crop at the time of the survey.

3.5 Historic maps of land within Site A indicate that the fields within the area have been amalgamated over time.

East Park Site B

3.6 Non-designated heritage assets within Site B include cropmarks interpreted as the remains of a Bronze Age and/or Iron Age ring ditch; as well as undated and Iron Age and/or Romano-British enclosures and settlements (Assets 218, 219, 237, 273, 274 & 275; MBD16640, MB22258, MBB22256). No upstanding remains associated with the cropmarks were visible during a walkover survey in 2022, however due to historic and modern land use any upstanding remains have likely been degraded over time (Noble, Lamont and Masson-Maclean 2019). Three buildings, all of which likely date from at least the post-medieval period (Assets 168, 322 & 738) and several extraction pits have also been recorded within Site B.

3.7 Within Site B archaeological excavations took place during construction of the 22.5km Huntingdon to Willington Gas Pipeline for Transco; however, the report is inaccessible.

3.8 A number of findspots (Assets 740-749) including an Anglo-Saxon coin, as well as medieval and post-medieval metal items, largely coins, have been reportedly recovered during metal detecting activities within Site B.

3.9 Areas of levelled ridge and furrow, medieval field boundaries and cropmarks recorded within the Bedford Borough HER (Assets 218, 219, 237, 273, 274 & 275) were recorded during an aerial investigation and mapping project. A low rise identified along a field boundary within the central northern area of Site B during a walkover survey in 2022 may correlate to the location of a medieval boundary recorded via the aerial investigation and mapping project. Ridge and furrow also recorded during that project within the south-eastern corner of Site B was identifiable as earthworks during a walkover survey in 2022.

3.10 A review of aerial photographs covering Site B identified linear features which correspond to field boundaries recorded on historic maps. Historic maps of land within Site B indicate that the fields within the area have been amalgamated over time.

3.11 Alluvial deposits (BGS 2023) have been identified within Site B. Archaeological and paleoenvironmental remains have been identified buried within alluvial deposits due to the formation processes.

East Park Site C

3.12 The north-eastern most portion of the Scheduled 'Two bowl barrows 900m and 1000m east of Old Manor Farm' (centred Asset 13) extends into the southern boundary of Site C. This barrow is described by Historic England as a "*mound … partly overlain by a hedge and stands approximately 0.4m high with a diameter of 26m. The southern part has been reduced by ploughing. The mound was surrounded by a ditch from which earth was dug in the construction of the mound, which is no longer visible but will survive as a buried feature, about 3m wide" (*Historic England 2021). The Scheduled area designates the known extent of the barrows, there is the potential for associated buried remains and deposit to be found in the immediate vicinity.

3.13 Non-designated heritage assets within Site C are largely grouped in the northern half of Site C, which occupies relatively flat ground to the south of the River Kym. Remains in this area have been reported to include undated mounds associated with flints (Asset 584); and undated square and rectilinear enclosures (Assets 629, 690, 707 & 710); the extent of a medieval deer park (Asset 668); a possible Roman Road aligned roughly north-east, south-west (centred Asset 691); and areas of medieval ridge and furrow cultivation (Assets 678, 680 & 690). An artefact scatter (Asset 639) and findspots (Assets 585, 589, & 591) within Site C date largely from the Roman period (MCB18731; MCB18730; MCB596, MCB597, MCB16095, MCB30074, MCB599, MCB598, MCB19078, MCB31323, MBD485). The findspots of a polished stone axe (Asset 676) is also documented within Site C.

3.14 Based on the morphology of cropmarks interpreted as enclosures, the location of a possible Roman Road and Roman period findspots recorded within the southern portion of the Site, the Cambridgeshire HER has interpreted the remains in this area to be part of a Romano-British complex.

3.15 Three buildings; two possible farm or ancillary agricultural structures (Assets 184 & 185); and one annotated as a mill (Asset 190), have been recorded from historic mapping within Site C.

East Park Site D

3.16 Non-designated heritage assets within Site D include a moated earthwork (Asset 610); a possible moated site (Asset 407); a number of ditches (Asset 644); and the eastern extent of a post-medieval quarry (centred Asset 674; (MCB18723, MCB18722). Two modern pipes are recorded as extending into Site D.

3.17 An aerial investigation and mapping project recorded a medieval boundary bank and earthwork remains of medieval ridge and furrow as extending into the eastern area of Site D.

3.18 Historic maps locate Site D in agricultural land divided into regular fields to the west of Western Pastures Farm.

Internal Cabling & Temporary Construction Access

3.19 Between Sites B and C, levelled ridge and furrow cultivation has been recorded from historic aerial photography (centred Asset 678). These remains as well as other parcels of reported ridge and furrow are thought to be associated with the historic and deserted settlement known as Garden Farm (centred Asset 593). The Cambridgeshire HER records the centre point for this settlement in the vicinity of the Internal Cabling & Temporary Construction Access between Sites B and C, although its exact centre has not been identified.

3.20 The northern most portion of the Scheduled 'Roman site, Rushey Farm' (centred Asset 2) extends c. 50m south of the currently proposed Internal Cabling & Temporary Construction Access between Sites C and D. The Scheduled area, which includes two separate areas was excavated in the 1950s and recorded a fourth century AD villa and bath-house. A sub-rectangular cropmark, interpreted as the remains of a wider complex associated with the Scheduled Roman villa (Asset 2; ECB45) and has been recorded as extending into the Internal Cabling & Temporary Construction Access between Sites C and D. Roman pottery (Assets 607 & 614) has been recovered from the land to the south.

3.21 Medieval ridge and furrow (centred Asset 678) has been recorded in the vicinity of the Scheduled Monument and extending into the Internal Cabling & Temporary Construction Access between Sites C and D. The north-eastern portion of a post-medieval quarry has also been recorded in this area.

3.22 The proposed Access Tracks (1-3) are proposed to follow existing trackways.

3.23 Access Track 2 is recorded within an area of levelled ridge and furrow.

Grid Connection

3.24 The presumed route of a Roman road between Cambridge and Bolnhurst (centred Asset 408/ 706) is believed to cross the Grid Connection in an east-west alignment. The road is thought to have been used in later periods and was known as Green Lane (Asset 418).

3.25 Three areas of ridge and furrow cultivation (centred Assets 777, 778 & 785) are recorded at the northern end of the Grid Connection. Asset 778 is recorded as "former" suggesting that the ridge and furrow in that area has now been levelled, however the remains centred Asset 85 are noted as surviving as upstanding earthworks. The ridge and furrow recorded within the area centred Asset 77 has been recorded from cropmarks visible on aerial photography.

3.26 A review of aerial photography identified a subcircular enclosure of possible later prehistoric date and a circular ditched enclosure of Iron Age or Roman date (Assets 244-247) within the southern extent of the Grid Connection.

3.27 An aerial investigation and mapping project undertaken in 2019 identified medieval ridge and furrow as levelled earthworks and cropmarks, medieval boundary ditches, a sub circular cropmark of prehistoric date (Assets 244-247), an Iron Age linear feature (Assets 244-247), and cropmarks interpreted as Iron Age settlement remains within the extent of the Grid Connection.

4 Aims

4.1 The aim of the geophysical survey was to identify anomalies that suggest the presence of archaeological remains, in order to enhance the current understanding of the historical environment within the survey area. This includes adding both the known heritage of the area as well as identifying previously unknown possible archaeological assets.

4.2 Specifically, the aims of the gradiometer survey were;

- To locate, record and characterise any potential surviving sub-surface archaeological remains within the survey area, as part of a broader archaeological evaluation.
- To help determine the next stage of works as per the client's instruction.
- To produce a comprehensive site archive (Appendix 1) and report

5 Methodology

5.1 The geophysical survey was undertaken between November 2022 and September 2025. The extended length of survey was due to weather related adverse ground conditions, unsuitable ground conditions due to crop growth, and delays in access.

5.2 All geophysical survey work was carried out in accordance with recommended good practice specified in the European Archaeological Council guideline documents published by Historic England (Schmidt et al. 2016) and the Chartered Institute for Archaeologists Standard and Guidance for archaeological geophysical survey (2014).

5.3 Parameters and survey methods were selected that were suitable for the prospective aims of the survey and in accordance with recommended professional good practice (Schmidt et al. 2016).

5.4 Digital photographs of every survey parcel were taken before, during and after geophysical survey to show any changes to field conditions following the programme of works. The photos were downloaded and stored off site, and relevant examples are included as Plates 1 to 4 in this report.

5.5 The gradiometer survey was carried out using two cart systems: a Bartington Cart and Sensys cart. The majority of the survey was undertaken with an ATV towed Sensys array. However some areas had to be surveyed using a hand push system to due ground conditions, restricted access, and at the request of the landowner.

5.6 The Bartington Non-Magnetic Cart system utilises six Grad-01 fluxgate gradiometer sensors mounted upon a carbon fibre frame 1m apart, along with data logging equipment and batteries (see Appendix 2). Before each session of use, the cart system was balanced around a single set up point within the Site specifically chosen for being magnetically quiet. Balancing the machine around this point produces a more uniform dataset throughout and allows all data to be plotted with ease on the same palette.

5.7 Data was collected using zig-zag traverses alongside a constant stream of GPS data collected through a Trimble R10 GPS, enabling the collected data to be spatially georeferenced without the need for a pre-determined grid system. The data was logged on a laptop mounted to the cart using Geomar MLGrad601 software.

5.8 A total of c. 140ha were surveyed using the Bartington cart.

5.9 Care was also taken to attempt to avoid metal obstacles present within the survey area, such as metal objects within and adjacent to the survey area as gradiometer survey is affected by 'above-ground ferrous disturbance' and avoiding these improves the overall data quality and results obtained.

5.10 The data was downloaded from MLGrad601 and converted into a .xyz file in Geomar MultiGrad601 before being processed along with the GPS data in TerraSurveyor v3.0.34.10. The details of these processes can be found in Appendices 2 and 3.

5.11 The survey was also carried out using a Sensys MAGNETO® MXPDA push-cart magnetometer system. The cart utilises four/six FGM650/3 fluxgate gradiometer sensors mounted upon a frame along with data logging equipment and batteries (see Appendix 2).

5.12 Data was collected using zig-zag traverses alongside a constant stream of GPS data collected through a Trimble R10 GPS, enabling the collected data to be spatially georeferenced without the need for a pre-determined grid system. The data and measured tracks were collected through the data acquisition unit MXPDA and visualised through a tablet PC mounted to the cart.

5.13 A total of c. 545ha were surveyed using the Sensys cart.

5.14 Care was taken to attempt to avoid metal obstacles present within the survey area, such as metal objects within and adjacent to the survey area as gradiometer survey is affected by 'above-ground ferrous disturbance' and avoiding these improves the overall data quality and results obtained.

5.15 The data was downloaded via USB and converted using DLMGPS and Geoserver before being processed (compensated) using MAGNETO® 3.0 software. The details of these processed can be found in Appendices 2 and 3.

5.16 Interpretations of the data were created as layers in ArcGIS Pro and the technical terminology used to describe the identified features can be found in Appendix 4.

6 Statement of Competence

6.1 The AOC geophysical team comprises specialists with diverse backgrounds in commercial archaeological geophysics spanning the UK and Europe. The individuals contributing to this report collectively possess over 53 years of professional experience. Data collection was conducted by a team of trained geophysicists, and the findings were analysed and scrutinized by experts in geophysics, landscape archaeology, and geoarchaeology.

Project Lead: Anna Chmielowska BA MA PhD ACIfA

6.2 Anna holds a BA and MA from the University of Wroclaw, Poland, earned in 2013 and 2015, respectively. She pursued a Ph.D. at the same university, focusing on Landscape Archaeology and GIS applications in archaeological investigations. During her Ph.D., Anna participated in two international fellowship programs at the Czech Academy of Science in Prague and the University of Sheffield, gaining expertise in Geophysics, Landscape, and Environmental Archaeology. Additionally, she completed a Postgraduate Studies diploma in GIS from AHG University of Science and Technology in Krakow. With extensive field experience, including four years in commercial archaeological geophysical surveying in the UK, Anna worked as a Project Officer at Magnitude Surveys before joining AOC as a Junior Project Manager in 2023. Her expertise encompasses field surveying, project management, and reporting on surveys across Britain, including large-scale infrastructure projects covering over 2000 hectares. Anna also holds certifications in First Aid, Mental First Aid, and a CSCS card, and is an associate of the Chartered Institute for Archaeologists.

Project Quality Assurance Lead: Susan Ovenden BSc (Hons) PhD MCIfA FSA Scot

6.3 After earning a degree in Exploration Geophysics from University College London in 1987, Susan pursued a Ph.D. on the application of frequency domain induced polarization to archaeological geophysics at the University of Bradford, completing it in 1990. She then joined GSB Prospection as their Senior Geophysicist. In 2004, Susan relocated to Orkney to become the Director of Orkney College Geophysics Unit and a Lecturer in Geophysics for the University of the Highlands and Islands. In 2010, she established Rose Geophysical Consultants, conducting specialized geophysical surveys across Scotland and northern England. Susan served as a consultant with AOC starting in 2020 before transitioning to a Project Manager role in 2023. With over 32 years in commercial archaeological geophysics, Susan has worked extensively throughout the UK, Ireland, and internationally, including research surveys in the UK, Romania, Bulgaria, Turkey, and Easter Island. She possesses broad expertise in various geophysical techniques and software packages. Susan is a Member of the Charted Institute for Archaeologists and GeoSIG, and a Fellow of the Society of Antiquaries Scotland. She holds a CSCS card and has contributed significantly to the field, co-authoring the original CIFA guidelines for the use of Geophysical Techniques in Archaeological Evaluations and serving on the Scottish Archaeological Research Framework (ScARF) Science in Archaeology panel, focusing on geophysics.

AOC Geophysics Team Director: James Lawton BSc MSc MCIfA

6.4 James graduated from Bradford University in 2007 with a BSc in Geoarchaeology and a Masters in Archaeological Prospection. This included a year's diploma in archaeology working at GSB Prospection as an Assistant Geophysics Surveyor, and he was involved with several Time Team episodes undertaking geophysics. Following this, James began work as an archaeological consultant for AECOM. After nearly five years at AECOM, James moved back into field archaeology and geophysics in which he specialises, joining Archaeological Services West Yorkshire (ASWYAS) as a Geophysics Supervisor in 2013. In 2014 he joined GSB SUMO where he worked as a Field Coordinator and was subsequently promoted to Senior Field Coordinator, and head of equipment. He joined AOC in 2016 after three years at GSB SUMO as a Project Officer responsible for geophysical survey, and shortly progressed to Project Manager of the Geophysical department. He is now the Associate Director and Operations Manager for the Geophysics department in Leeds. James has a First Aid qualification, CSCS card and is SMSTS-certified.

7 Results and Interpretation

7.1 The gradiometer survey results have been visualised as greyscale plots, with the processed data plotted at -1nT to 2nT as seen in Figures 3.1 - 3.17 and 5.1 - 5.86 as well as 8.49 – 8.51 and 9.49 – 9.51. An interpretation of the data can be seen in Figures 4.1 – 4.17 and 6.1 – 6.86 and an individual characterisation of the numbered identified anomalies of interest is given below. Figures 7.1 – 7.86 show minimally processed data plotted as XY traces at 50nT/cm at A3.

7.2 Appendix 4 contains a guide to the interpretation categories employed and the logic used to assign anomalies to specific classes, as well as a short discussion of how past human activity results in these anomalies, however some important points are noted below:

7.3 AOC Archaeology Group uses the following scheme which corresponds with recognised standards and guidelines. The classes have three sub-types (generally); anomalies (typically indicated by a solid/semi-transparent colour polygon), spreads (a stippled polygon) and trends (a line with a colour matching the polygon colour). The solid and semi-transparent colour polygon indicate strong and weak enhancement of anomalies, respectively. *Anomalies* refer to distinct changes in the survey data which suggest an abrupt boundary between materials below ground, such as a cut feature with a magnetically contrasting fill. *Spreads* of enhanced material refer to diffuse areas of altered magnetic contrast which suggest a localised spread of material with a magnetic contrast within the topsoil or ploughzone. Linear *trends* are less distinct and are typically visible as linear patterning in the overall texture of the data. A common example of these is the striping effect caused by recent ploughing.

7.4 Anomalies placed in the 'uncertain' class may have an archaeological origin, but other explanations are equally likely. Where any particular interpretation is *more* likely than others, the anomaly is assigned to that class.

7.5 The definite 'Archaeology' class is only used for anomalies with no other possible explanation, either due to their diagnostic characteristics or because they are corroborated by other sources such as previous interventions within the survey area. Anomalies with magnetic characteristics or morphologies that suggest an archaeological origin with generally be assigned to the 'Possible Archaeology' class.

7.6 The anomaly type 'ferrous spike' is assigned to strong dipolar anomalies which cover a small spatial area and have a characteristic appearance in the XY traces of the survey data. These are strongly likely to be of recent origin in the form of magnetic or ferrous debris within the topsoil; 'spikes' of other origin will be assigned to their appropriate classification.

7.7 A distinction is made between modern *disturbance* from strongly ferrous materials within or adjacent to the survey area, such as the strong dipolar 'halos' produced by services like gas mains, and spreads of material within the topsoil causing noise which is assumed to have a recent origin. Generally speaking, '*modern disturbance'* occurs at a distance from magnetic source, whereas *modern magnetic spreads/debris* are related to material directly at that location.

7.8 Generally, only anomalies (or groups thereof) of a likely archaeological or historical origin have been assigned an anomaly number on the interpretation figures. However, anomalies interpreted as resulting from other processes that are integral to the discussion of the results have also been assigned anomaly numbers. Generally, only anomalies of a probable or possible archaeological origin have been assigned an anomaly ID on the interpretation figures. However, other anomalies may be given an ID to aid discussion. The anomaly ID form of an area number and a letter.

East Park Site A

Archaeology

7.9 In the western part of Area 34, weak and strong linear and rectilinear anomalies have been detected [**34a**] (Figures 4.1 and 6.1). These anomalies could indicate a set of enclosures. Due to the elevated level of background response, caused by superficial deposits, as well as intensive agricultural activity in the form of ridge and furrow cultivation, the interpretation is limited and some anomalies of archaeological origin could be obscured.

7.10 In the northern part of Area 38, an extensive complex of linear and discrete strong and weak positive anomalies has been detected [**38a**] (Figures 4.1 and 6.5). The morphology is characteristic for ditch-like features. Some of these form rectilinear and semi-rectilinear shapes suggesting enclosures. In the northern and central parts of this complex, it is difficult to differentiate between archaeological and natural anomalies. Natural alluvial formations could mask weaker anomalies of archaeological origins. Responses from extensive ridge and furrow cultivation, also confuses the interpretation.

7.11 In the southwestern corner of Area 36 a complex of positive linear, curvilinear, annular and discrete small circular anomalies has been detected [**36a**] (Figures 4.1 and 6.3). This complex visibly presents a broader enclosure that contains internal structures in the form of three well defined ring-ditches and one corner enclosure. Possible entrances are visible in the southern part of this complex as well as within the ring-ditches themselves, which suggests their settlement character. The complex could represent a farmstead with three round houses and one corner enclosure.

7.12 In the central part of Area 39 a regular set of positive, strong and weak anomalies has been identified [**39a**] (Figures 4.2, 6.8 and 6.9). These anomalies represent semi-rectilinear, annular, and circular forms, and most likely indicate a system of settlement enclosures with a possible round house located to the south of the cluster. It is very likely that this system continues beyond the survey area limits to the north. It is also very probable that more ephemeral anomalies marked as 'Possible Archaeology' situated to the north-west of the cluster, indicate its continuation. It is worth mentioning that in the immediate vicinity of this cluster, there is a Non-designated Heritage Asset identified as 'Brickwork fields' (MBD7692). However, it is unlikely that the form of the identified anomalies is related to any associated brickworks.

7.13 Across the eastern part of the Area 41 a set of anomalies identified as 'Probable Archaeology' has been identified [**41a**] (Figures 4.2, 4.3, 6.11, 6.12 and 6.13). Those anomalies represent a complex of linear and annular forms that is scattered across c. 7ha of land and form two visible clusters. The northern cluster corresponds to HER data that describes it as 'a set of five Iron Age hut circle cropmarks' (MBB22222) (See Paragraph 3). Recognised anomalies form at least 9 ring-ditches with visible breaks that could indicate entrances, three D-shaped or semi-rectangular enclosures, as well as double ditch to the west that represent a fragment of a potential trackway. The southern cluster is far more fragmented and although regular linear and rectilinear forms still occur, it is very difficult to clearly define their potential meaning. The entire area is also heavily exploited. Both historic industrial and historic and modern agricultural activity around as well as within the complex interfere with the interpretation. These are noted by the recorded HER records (MBD7613; MDB3897) in the area.

Possible Archaeology

7.14 Across Area 34, scattered, but coherent, anomalies of positive weak and strong signal have been identified [**34b**, **34c**, **34d**] (Figures 4.1, 6.1 and 6.2). Despite their regular forms, their ephemeral and fragmented morphology does not allow for more confident interpretation, and therefore only 'Possible Archaeology' category has been ascribed to them.

7.15 Across Areas 35 and 36 a group of linear weak positive anomalies have been identified [**35a**; **36b**]. Their ephemeral character does not allow for more precise interpretation, nevertheless these anomalies could indicate a double-ditch trackway. It is worth noting that these occurs in the immediate vicinity of a well-defined settlement farmstead [**36a**] and could be associated with it.

7.16 Across Areas 38 and 39, two sets of strong and weak positive discrete anomalies have been identified [**38b**;**39b**] (Figures 4.2, 6.7 and 6.10). These anomalies show regularity in their morphology, nevertheless their limited, fragmented appearance, doesn't allow for more confident interpretation.

7.17 Area 132 (originally Area 32) was descoped but now lies within the final development boundary. Along the southern limits of the area fragmentary linear and curvilinear trends [**132a**] have been detected. While they appear archaeological ain nature, they are not very well defined but could indicate a series of enclosures extending to the south, beyond the development area.

Unclear Origins

7.18 Across this entire section, multiple linear, curvilinear and circular anomalies or spreads of dipolar anomalies have been detected. These anomalies do not exhibit any characteristic morphology; however, it cannot be fully excluded that those are of archaeological origin.

7.19 In the southern part of Area 37 a set of positively enhanced anomalies has been detected [**37a**] (Figures 4.1 and 6.6). These may relate to historic buildings known from HER data.

7.20 Parallel linear trends have been detected across this section. These are likely to have agricultural activity, but archaeological origins cannot be excluded for all of them due to the wider context.

Historical Features

7.21 Across Areas 34, 38, 39 and 41 linear positively enhanced anomalies have been recorded. These anomalies coincide with former mapped field boundaries visible on historical mapping (OS 1888-1913).

7.22 Within Area 41 two spreads of highly magnetic dipolar anomalies have been identified (Figures 4.3, 6.11 and 6.12). These correspond directly with features known from historic mapping (OS 1888-1913). and represent [**41b**] a former gravel pit and [**41c**] Beavers Park with a former building HER numbers (MBD7613; MBD7602).

Agricultural

7.23 Across the majority of East Park Site A, modern and historic agricultural practices have been recorded in forms of historic ridge and furrows regimes, modern ploughing, and drains.

7.24 Several linear alignments of magnetic dipoles across East Park Site A are indicative of the presence of ceramic drainage pipes.

Non – Archaeology

7.25 Amorphous zones of enhanced magnetism have been detected across East Park Site A. These are typical of natural subsurface variations.

7.26 Across Area 37 the moderate levels of ferrous responses are due to modern debris in the topsoil.

7.27 Magnetic disturbance has been detected along a service cutting the southern edge of Area 39, as well as at the edges of all survey areas within East Park Site A, and it is most likely related to the fencing and other metal objects located at the field's perimeters.

East Park Site B

Archaeology

7.28 Across Areas 7 and 31 a scattered complex of strong and weak positive anomalies has been identified [**7a**; **31a**] (Figures 4.4, 6.15, 6.16 and 6.18). These anomalies represent rectilinear, linear and circular forms, and most probably represent a broad settlement cluster. The entire set is located within an area of elevated background response due to geological variations. The superficial deposits impact the visibility of weaker anomalies of archaeological origin, and therefore more scatter and discontinuous character of this cluster emerges.

7.29 A set of both weak and strong positive anomalies has been identified in the western part of Area 10 [**10a**] (Figures 4.6 and 6.23). The anomalies form a semi-annular shape that represents a form suggestive of a ring-ditch, c.30m in diameter. In the northern part of this feature, the geometry of the anomalies suggests a likely entrance. The whole structure could be a pen. The pen is partially obscured by a service that is running on northwestern to southeastern alignment immediately to the south of this anomaly. The presence of some positively enhanced linear anomalies below the service, could suggest continuity and more archaeological forms; however, a halo caused by a service mask any potential responses.

7.30 Across Areas 11 and 12 another set of positively enhanced anomalies has been identified [**11a**; **11b**; **12a**] (Figures 4.6, 6.24 and 6.25). These anomalies represent linear and rectilinear as well as circular forms and could suggest a settlement cluster or enclosure system. The cluster extends across the two fields possibly suggesting a ladder type settlement and is cut by the modern service in the southern part.

7.31 In the southern part of Area 18 and 19, which constitute one physical field, a coherent group of positively enhanced anomalies was detected [**18a**] (Figures 4.7, 6.33, 6.34, and 6.36). The cluster is characterised by defined boundaries that form a rectangular shape, with multiple internal divisions of rectilinear and curvilinear as well as annular forms. Multitude of small discrete circular anomalies are visible within the cluster as well. The anomalies suggest an organised settlement structure with potentially more than one phase of settlement. Within the cluster a probable double ditch trackway is visible. It is difficult to determine if the anomalies marked as [**18b**] constitute the eastern boundary of the settlement. The morphology of those anomalies suggests a natural origin. However, it is highly possible that a natural formation was used as a settlement boundary, and/or that it was anthropologically altered, and therefore a 'Possible Archaeology' category has been ascribed to it. It is worth noting that those finds corresponds directly with cropmarks suggesting settlement forms, as well as a gully known from HER data set (MBD16640) (See Paragraph 3).

7.32 Another complex set of positively enhanced anomalies has been identified across Area 20 [**20a**] (Figures 4.7, 6.34 and 3.37). This cluster is located in the vicinity of the postulated settlement detected in Area 18 [**18a**], but the geophysics cannot confirm if they are contemporary. Anomalies within this cluster form rectilinear and annular forms that could represent another enclosure system. The entire area is dissected by two pipelines that limit any further interpretation. These anomalies correspond with cropmarks suggesting settlement as well as a trackway known from HER data (MBB22258) (See Paragraph 3).

7.33 In the southwestern corner of Area 27, a set of positively enhanced linear and curvilinear anomalies has been detected [**27a**] (Figures 4.8 and 6.39). These anomalies form a small cluster that could represent an enclosure and possibly a double ditch trackway. The interpretation is highly limited due to their location at the very edge of the survey area. These responses most likely continue to the west and north.

7.34 In the central part of Area 28, two distinctive annular forms have been identified [**28a**] (Figures 4.8 and 6.39). These anomalies exhibit a positive signal and their morphology suggest ring-ditches. The smaller ring ditch is c. 23m in diameter and the larger one is approximately 29m wide. Both ring-diches have a continuous shape, which could suggest barrows rather than settlement forms. However, this interpretation is based on geophysics data alone and can be only fully determined by further examination.

7.35 In the northwestern corner of Area 28 a set of rectangular and linear anomalies has been identified [**28b**] (Figures 4.8 and 6.39). These anomalies represent very regular forms of three squares that could possibly be enclosures. To the north, parallel linear responses suggest part of double-ditched trackway.

7.36 Across Areas 21, 22 and 23 three isolated clusters of positively enhanced anomalies have been detected [**21a**; **21c** and **26a**] (Figures 4.8, 6.41, 6.44 and 6.46). These anomalies represent rectilinear, linear and curvilinear forms and could represent enclosure systems. The interpretation is limited due to strong modern and historic activity in the form of services as well as ridge and furrow cultivation.

Possible Archaeology

7.37 Across all of East Park Site B, multiple anomalies of positive enhancement have been identified [**8c**, **18c**; **18d**; **20c**; **33a**, **11c, 21d; 26b**] (Figures 6.17, 6.25, 6.41 and 6.45). These represent linear, curvilinear forms and ditch-like signal; however, their context is limited and therefore only the 'Possible archaeology' category has been ascribed to them.

7.38 Within Area 8, ephemeral rectilinear anomalies have been detected [**8a**] (Figure 6.19). Despite of a very regular morphology, the presence of natural responses makes it difficult to establish a more reliable interpretation, and therefore a 'Possible Archaeology' category has been ascribed.

7.39 In the eastern part of Area 21 a number of discrete linear and rectilinear anomalies have been detected [**21b**]. These anomalies exhibit positive enhancement an indicator of ditch-like features. Despite of their regular forms, the entire appearance is scattered and discontinuous which limits more confident interpretation. It is worth to mention, that in a close vicinity a series of faint cropmarks suggesting a rectilinear enclosure possibly an Iron Age farmstead is known form HER data set (MBB22256) (See Paragraph 3). Due to a scattered character of those anomalies only 'Possible Archaeology' category has been ascribed.

Unclear Origins

7.40 Across East Park Site B, multiple anomalies of linear, curvilinear and circular forms have been detected. These anomalies do not exhibit any characteristic morphology but are most likely due to natural variations and agricultural activity; however, an archaeological origin cannot be fully excluded.

7.41 Within the southern part of Area 30 a circular area of relatively magnetically quiet response has been identified [**30a**] (Figure 6.38). It is unclear whether this spread could indicate a former gravel pit recorded in the HER data in the same place (MBD7911), as its morphology has no characteristic traits. It could be of natural origin; however, the historic interpretation cannot be fully excluded.

Historical Features

7.42 Across Areas 31, 8, 6, 5, 13, 26, 21, 28 and 24 linear positively enhanced anomalies have been recorded. These anomalies coincide with former mapped field boundaries visible on historical mapping (OS 1888-1913).

7.43 In the western part of Area 27 an amorphous spread of dipolar anomalies has been detected. This anomaly corresponds with a location of a former gravel pit known from HER data set and historic

mapping (MBD7911) (OS 1888-1913). A possible extraction place was recorded also within Area 8, however it doesn't appear on maps [**8b**]

Agricultural

7.44 Across the majority of East Park Site B, modern and historic agricultural practices have been recorded in forms of historic ridge and furrows regimes, modern ploughing, and drains.

7.45 Multiple linear alignments of magnetic dipoles across Section B (visible especially across Area 6) are indicative of the presence of ceramic drainage pipes.

Non – Archaeology

7.46 Amorphous zones of enhanced magnetism have been detected across East Park Site B. These are typical of natural subsurface variations.

7.47 Concentrations of dipolar anomalies are visible across Areas 1, 2, 3, 28, 32 also partially over 14 and 18 and indicate the presence of green waste.

7.48 Magnetic disturbance is visible around 4 pipelines crossing fields 10, 26 21, 22 and 23. Magnetic disturbance is also visible at the edges of survey areas and caused by fences and other metal objects at fields peripheries.

East Park Site C

Archaeology

7.49 In the northern part of East Park Site C, across four arable fields, an extensive complex of archaeological anomalies has been detected (Figures 4.9, 4.10, 6.48, 6.49, 6.50, 6.51, 6.52 and 6.53). The focus covers approximately 31 hectares in total and likely extends beyond the survey area. Both strong and weak positive anomalies have been identified, displaying very regular shapes. Linear, curvilinear, and rectilinear forms are highly distinctive and make up the majority of the complex. Additionally, circular and annular forms have been detected within the focus. These could relate in part to some of the HER records known in the wider area.

7.50 In the central part of this complex, a visibly 'empty' and magnetically quiet, rectilinear area is apparent [**44c**]. From this central point, at least three sets of linear ditch-like anomalies originate/converge. These anomalies likely represent double-ditch trackways that continue into further fields, connecting with additional tracks in the complex, forming a network of roads [**46a; 42b; 47a**]. Between these roads, multiple rectilinear anomalies are present, organised in a structured manner, following spatial organisation and order. These responses likely represent a network of former enclosures. The highest settlement density occurs in the central part of the survey area, decreasing along roads leading outside the main occupied area, appearing only on both sides of roads. Within these excluded enclosures, the highest number of circular anomalies appears, suggesting features connected with production activity.

7.51 It's worth noting that in the central part of this complex, three broad, strong positive curvilinear anomalies are present [**44a**]. These differ in morphology from other still vivid anomalies and are distinctive. Their morphology, magnetic signal, as well as their alignment against the River Kym, suggest their primary natural origin. They could represent formerly natural stream channels that were anthropologically modified and perhaps used as canals. Their different morphology is clearly visible on wider plots, where those anomalies are still very strong and distinctive amongst others (See Figures 8.49 – 51 and 9.49 – 9.51).

7.52 The density of anomalies in the central part of the complex suggests more than one phase of settlement. However, stratigraphy cannot be established based on geophysical data alone. The

margins of the settlement are more homogenous and consistent, suggesting a contemporaneous context.

7.53 It is also worth noting that the magnetic responses are so strong in the core areas they indicate some production / 'industrial' activity. Regular dwelling does not cause such responses. Therefore, that levels of enhancement suggest a very intense prolonged occupation or/and production activity.

7.54 The area shows signs of extensive agricultural activity, which affects the geophysical data. Numerous linear anomalies representing ridge and furrow regimes were detected. In some areas of the complex, it is challenging to distinguish between intensive ploughing archaeological activity. This could impact the interpretation, as most of the background magnetic noise comes from former agricultural practices and can imitate multiperiodic occupation.

7.55 The entire complex suggests the existence of a highly advanced settlement with possible production activities, such as pottery or metal working located on its margins. This settlement complex likely has a main square where all major roads converge, as well as a well-organized network of roads and domestic enclosures. The settlement possibly extends both to the north and south; although the geophysical data alone suggest that the main focus has been identified to the north-east of New Wood. Based on geophysical data and an abundant archaeological context within the survey area (MCB18731; MCB18730; MCB596, MCB597, MCB16095, MCB30074, MCB599, MCB598, MCB19078, MBD485; MCB31323) it is highly likely that this complex is Romano-British in date.

7.56 In the northern part of Area 43 (below New Wood) a set of positively enhanced anomalies has been detected [**43a**] (Figure 6.55). When compared to very dense settlement structures known from northern parts (Areas 42, 44, 46 and 47), this cluster appears far less intense. Regular forms are still visible as semi-rectilinear and linear shapes; however, anomalies are scattered. It is yet still not excluded that this cluster is contemporaneous with the Romano-British settlement, as anomalies could be obscured by alluvial forms and ploughing regimes running across the survey area; and therefore, the full extent of this focus is unrevealed.

7.57 In the centre of Area 66, a concentred cluster of positive linear, curvilinear and circular anomalies have been identified [**66a**] (Figures 4.10 and 6.67). The general layout and morphology of those anomalies suggest possible prehistoric settlement structures or an enclosure system. Anomalies of similar morphology extend further south, close to the border with Area 66 and possibly beyond; however, a mapped historic field boundary is overlapping with the cluster of Probable Archaeology and continues further south crossing via entire Area 65; therefore, some of those anomalies are connected to the field boundary itself.

Possible Archaeology

7.58 Across all of East Park Site C, multiple anomalies of positive enhancement have been identified [**43c; 46b 47c; 47d**] (Figures 6.52, 6. 53 and 6.56). These represent linear, curvilinear forms and ditch-like signal; however, their context is limited and therefore only the 'Possible archaeology' category has been ascribed to them.

7.59 In the eastern part of area 43 two linear positively enhanced anomalies are present [**43b**] (Figures 4.9, 4.10 and 6.56). These anomalies suggest a ditch-like feature, although not as strong as the neighbouring Romano-British settlement. This difference in morphology, suggest 'Possible Archaeology' category; however, the alignment of those anomalies could indicate a double-ditch trackway that continues from neighbouring Area 44 down south-west. The ephemeral character of those anomalies could be an effect of alluvial superficial deposits accumulation in this particular place and overlaying archaeology.

7.60 In the southern part of Area 66 positively enhanced discrete linear, curvilinear and circular anomalies have been detected [**66b**] (Figures 4.10 and 6.67). These could be related directly to the archaeological cluster; however, an extensive historical and modern agricultural activity and their ephemeral morphology allows only to categorise those as 'Possible Archaeology'.

7.61 Within eastern part of the Area 65, a semi-rectilinear anomaly has been identified [**65a**]. This anomaly could indicate a former enclosure of unknown date, however its ephemeral and fragmented character doesn't allow for more precise interpretation.

Unclear Origins

7.62 Across all of East Park Site C multiple linear, curvilinear, circular anomalies as well as spreads of magnetically quiet positively enhanced anomalies have been detected. These do not exhibit any characteristic shapes or signals and therefore it was difficult to ascribe them a more confident category. Due to excessive archaeological activity within this section, it cannot be excluded that undetermined anomalies are of archaeological origin as well.

7.63 Within the northern part of Area 42, two spreads of magnetically quiet and positively enhanced anomalies have been identified [**42c**] (Figures 4.9, 4.10, 6.48 and 6.49). Those anomalies are characterised by relatively smooth edges which could suggest places of extraction. Due to the overlapping strong responses of probable archaeological origin, it is difficult to determine if the potential extraction was related to the settlement activities, or if is not contemporaneous. There is also a chance these anomalies are of natural origin; and therefore the 'Unclear' category has been ascribed to them. Morphologically similar form has been detected also in the southern part of Area 42 [**42f**]. Here as well it is hard to determine whether anomaly is of industrial, natural or archaeological origin.

7.64 Across Area 65, spreads of positively enhanced circular anomalies have been detected [**65b**] (Figure 6.69). These could be related to the local geology; however, it is not completely excluded that some of those forms could indicate extraction activity of unknown date or be a sign of previous forested area; therefore 'Unclear' category has been ascribed to those.

Historical Features

7.65 Across Areas 42, 44, 43, 65 and 66 linear positively enhanced anomalies have been recorded. These anomalies overlap with former mapped field boundaries visible on historical mapping (OS 1888-1913).

7.66 In the southern part of Area 42 regular in shape, magnetically strong spread of dipolar anomalies has been identified [**42d**] (Figure 6.49). This spread corresponds with a former U-shaped building recorded in HER assets.

Agricultural

6.44 Across the majority of East Park Site C, modern and historic agricultural practices have been recorded in the form of historic ridge and furrows regimes, modern ploughing, and drains.

6.45 Multiple linear alignments of magnetic dipoles across East Park Site C (visible especially across Area 43) are indicative of the presence of ceramic drainage pipes.

Non – Archaeology

7.67 In the southern part of Area 42, a spread or positively enhanced anomalies with smooth edges has been detected [**42e**] (Figure 6.49). This spread is located immediately to the west of a historic building known from HER assets. The morphology of those anomalies suggests most likely an extraction place. Given the extensive archaeological activity, it cannot be fully excluded that this could be an extraction

point contemporaneous with the settlement; however, this statement cannot be confirmed based on geophysical data alone. It could be also related to the historic U-shaped house and modern activities.

7.68 Across Areas 43 and 44 a linear alignment of strong positive pit like anomalies has been identified [**44b** and **43d**] (Figures 6.56, 6.50, 6.51 and 6.56). These run north-south across two fields, crossing the Romano-British complex. The positive responses appear regularly in every 4m. Those anomalies exhibit a strong magnetic signal. Based on a wider landscape study of the immediate area, as well as landowner's information those are of a modern origin indicate a modern water service line running to the pipe bridge to the north.

7.69 Magnetic disturbance is visible at the edges of survey areas and caused by fences and other metal objects at fields peripheries.

East Park Site D

Archaeology

7.70 Across Areas 48 and 49 a set of scattered positively enhanced anomalies has been identified [**48a**; **49a**; **49b**] (Figures 4.11, 4.12, 6.61, 6.62 and 6.63). The anomalies are of rectilinear, curvilinear, linear and circular shape and distributed evenly throughout the section. Their presence could suggest another settlement systems with visible trackways. It is not excluded that their character is contemporaneous with finds from East Park Site C. The area is cut with a modern service as well as it is dissected by strong responses caused by anomalies that are possibly of natural origin. It is worth mentioning here that some of the strong anomalies could also represent extraction activity (See Paragraph 6.66). Both of those are limiting factors, and most likely mask more ephemeral anomalies of an archaeological origin. Cropmarks of possible enclosures have been recorded in the vicinity (MCB18723).

Possible Archaeology

7.71 Across Areas 48, 49 and 50 some ephemeral anomalies of positive enhancement have been identified. The form and nature of the response suggest 'Possible Archaeological' origin; however, the weak and ephemeral nature of the anomalies prevents a more precise interpretation.

Unclear Origins

7.72 Across the entirety of East Park Site D multiple linear and amorphous anomalies have been detected. These do not exhibit any characteristic shapes or signals and therefore it was difficult to ascribe them a more confident category.

7.73 Across Area 48 multiple, positively enhanced anomalies of relatively quiet magnetic signal have been detected [**48d**] (Figure 6.61). These are located within a wider spread of natural responses and could reflect geological formations; however, it is known from the HER that '*A group of parallel trenches (possibly coprolite extraction) and possible post-medieval quarrying visible as cropmarks'* is known from this very area (MCB18722). That indicates that some of those recognised forms were probably anthropologically altered and are extraction trenches. Given the amount of archaeological activity within the same area, as well as within the wider area, it cannot be excluded that potential extraction could also have archaeological connotations. Due to a difficulty in establishing more precise interpretation, the 'Unclear' category has been ascribed.

7.74 In the south of Area 51 a cluster of discrete responses [**51a**] have been detected. The origin of these is unclear, they could have natural or modern origins or be associated with past extraction.

Historical Features

7.75 Across Areas 48, 49, 50, 51 and 52 linear positively enhanced anomalies have been recorded. These anomalies overlap with former mapped field boundaries visible on historical mapping (OS 1888-1913).

Agricultural

7.76 Across the majority of East Park Site D, modern and historic agricultural practices have been recorded in forms of historic ridge and furrows regimes, modern ploughing, and drains.

Non – Archaeology

7.77 Amorphous zones of enhanced magnetism have been detected across East Park Site D. These are typical of natural subsurface variations.

7.78 Across the entire of East Park Site D the magnetic disturbance is visible around 3 pipelines crossing fields 52, 49 and 50. Magnetic disturbance is also visible at the edges of survey areas and caused by fences and other metal objects at fields peripheries.

Internal Cabling & Temporary Construction Access

Archaeology

7.79 No responses of a definite archaeological origin have been detected in the internal cabling routes between Site B and Site C and between Site C and Site D.

Possible Archaeology

7.80 In the east of Area 105 (Figures 4.14 and 6.77), between Site C and Site D, two parallel trends [**105a**], 7m a part and on a NE-SW alignment, have been detected. There are comparable in form and orientation to [43b] detected in Site C to the west. The responses may indicate a trackway associated with the enclosures detected to the north in Area 52.

Unclear Origins

7.81 Linear trends of an unclear origin have been detected within the internal cabling route between Site B and Site C. Those in the west are likely to be field drains, while those in the east may be unmapped former field divisions.

7.82 A linear trend [**105b**] has been noted in the west of the internal cabling connection between Site C and Site D. An archaeological origin for this cannot be excluded given the extensive archaeology detected in Area 47 to the west. However, it does not extend into Area 47 and may have an agricultural origin, hence it being categorised as unclear in origin.

Historical Features

7.83 A linear trend running SW-NE through the west of the route between Site C and Site D corresponds with a mapped field division visible on historical mapping (OS 1888-1913).

Agricultural

7.84 The results from the internal cabling route between Site B and Site C are dominated by responses from past ridge and furrow cultivation which correspond well with the recorded cropmarks (MCB10795).

7.85 In the northwest of the route between Site C and Site D weak linear trends have been noted which are likely to reflect the past ridge and furrow cultivation record as cropmarks (MCB13643).

7.86 Modern ploughing trends and drains are also evident throughout both internal cabling areas.

Non – Archaeology

7.87 A major pipeline runs north-south through the west of the route between Site B and Site C. Two smaller services are also present in the centre of the route.

7.88 Magnetic disturbance is visible at the edges of survey area and is caused by fences and other metal objects at fields peripheries.

Grid Connection

Archaeology

7.89 In the centre of Area 113 (Figures 4.16 and 6.84), fragmentary linear trends [**113a**] have been detected which suggest possible enclosures and a potential trackway. These coincide with a known later prehistoric/Romano British settlement cropmark (MBB22334).

7.90 In the south of Area 115 (Figures 4.17 and 6.86), a weak, but well-defined, circular anomaly [**115a**] has been detected and measures approximately 45m in diameter. This coincides with a recorded subcircular enclosure (MBB22339).

Possible Archaeology

7.91 In the southern half of Area 114 (Figures 4.17 and 6.85), several linear anomalies [**114a**], on generally north-south and east-west alignments have been detected. These appear to form a series of enclosures that extend beyond the survey limits and may be associated with the recorded later prehistoric/Romano British cropmark recorded to the north (MBB22339).

7.92 In the south of Area 115 a second response [**115b**] similar to [115a] has been detected to the south. However it is only a partial circle and does not correspond with HER entries.

7.93 In the south of Area 109 (Figures 4.15 and 6.80), parallel curving trends [**109a**] have been noted. These have been categorised as having a possible archaeological origin as they coincide with the location of recorded square and circular enclosures (MCB19079), although agricultural origins are possible

Unclear Origins

7.94 Within several of the survey areas several trends of an unclear origin have been detected. These do not exhibit any characteristic shapes or signals and therefore it was difficult to ascribe them a more confident category, with most likely to have agricultural origins.

Historical Features

7.95 Within Areas 109, 110, 111, 113 and 114 linear positively enhanced anomalies have been recorded. These anomalies correspond to former mapped field boundaries visible on historical mapping (OS 1888-1913).

Agricultural

7.96 Parallel linear trends typical of past ridge and furrow cultivation are evident in Areas 110, 111, 112, 114, and 115.

7.97 Across most of the area modern ploughing trends and drains have been detected.

Non – Archaeology

7.98 Magnetic disturbance is visible around two pipelines crossing Areas 111 and 115. Magnetic disturbance is also visible at the edges of survey areas and caused by fences and other metal objects at fields peripheries.

8 Discussion

8.1 Anomalies of a probable and possible archaeological origin have been detected across all sections of the survey area. The most extended archaeological focus is located within East Park Site C, covering the majority of this area.

8.2 Within East Park Site A, six main foci of archaeological interest have been identified. The geophysical results successfully detected responses overlapping with known HER assets identifying a possible farmstead with round houses (MBB22222). Further anomalies consist of settlement/enclosure systems, and double-ditch trackways which have not been previously recorded. Across the entire section modern and historic agricultural practices, natural variations, as well as industrial activity are visible. All responses related to those activities could obscure any weaker anomalies.

8.3 East Park Site B contains another eight foci of probable and possible archaeological responses. In two examples the geophysical data confirms with previously known cropmarks suggesting settlement forms (MBD16640; MBB22258). These most likely represent well-structured settlement systems with double ditch trackways. Further anomalies of possible and probable archaeological origin consist of possible enclosure systems and possible funerary activity. Throughout the section modern disturbances caused by green waste and multiple services are distinctive. Modern and historic agricultural practices, as well as natural variations are also widely present. Responses associated with these activities may potentially mask less pronounced anomalies.

8.4 An extensive area of archaeological activity has been detected within the northern part of East Park Site C spreading across approximately 31ha. The geophysical data suggests a structured and advanced settlement, perhaps a town, likely dating back to the Romano-British period. However, the central area is not ordered in Roman town fashion. This could suggest a major late Iron Age component and additionally underline the multiphase character of this dwelling. Evidence points to a network of roads, internal divisions, and possibly a central square, indicating a well-organized community. The geophysical survey confirms abundant HER assets of Roman date known from this area (MCB18731; MCB18730; MCB596, MCB597, MCB16095, MCB30074, MCB599, MCB598, MCB19078). The settlement complex is consistent with the wider Romano-British landscape of this microregion, which includes Roman Villa (ECB45) located immediately south of the survey area and a possible Roman Road (MBD485; MCB31323) that is recorded as potentially crossing the eastern edge of the survey area in northeastern to southwestern alignment. The geophysical data does not indicate a Roman road at this location, however parallel responses (**43b**) on the similar alignment have been identified c. 450m to the west of that location.

8.5 It is worth underlining that intensive agricultural regimes are visible across this section and in some places, it makes it difficult to differentiate between archaeology and ploughing.

8.6 Within East Park Site D probable and possible archaeological responses were also recorded, although less extensive. These anomalies suggest settlement/ enclosure systems and possible trackways and are partially overlapping with known enclosure cropmarks (MCB18723). Anomalies of an archaeological origin are located within a wider spread of natural responses and could reflect geological formations or be related directly to extraction trenches (MCB18722). It cannot be excluded that some extraction activity is also of archaeological origin. The entire section is cut by multiple services running through area of archaeological activity, which constitute another limiting factor in any further interpretation.

8.7 In the east of the internal cabling route between Sites C and D two parallel trends have been detected which may indicate a trackway associated with a group of enclosures detected to the north in Site D.

8.8 In the southern section of the grid connection corridor two concentrations of probable archaeology have been detected. These coincide with a known later prehistoric/Romano British settlement cropmark (MBB22334) and a recorded subcircular enclosure (MBB22339). Another group of linear anomalies, on generally north-south and east-west alignments have been detected. These appear to form a series of enclosures that extend beyond the survey limits and may be associated with the recorded later prehistoric/Romano British cropmark recorded to the north (MBB22339). Parallel curving trends have been noted in the northern half of the corridor. These have been categorised as having a possible archaeological origin as they coincide with the location of recorded square and circular enclosures (MCB19079), although agricultural origins are possible.

9 Conclusion

9.1 A gradiometer survey has been completed across approximately 716ha covering the four Sites, internal cabling and the grid connection corridor and fulfilled the aims of the survey (See Paragraph 4.2). The gradiometer survey has successfully located areas of archaeological activity across the wide landscape and over various ground conditions. The clarity of the geophysical results is good, as the local geology is deemed unlikely to have any detrimental effect.

9.2 The survey area is divided into the four ‘East Park Sites’, Internal Cabling Routes, and the Grid Connection Corridor, which are all characterised by a moderately quiet magnetic background with sporadic ferrous clusters of probable geological, historical industrial or modern origin. Additionally, spreads of green waste are visible within East Park Sites A and B. Magnetic interference is also visible around the site perimeters, as well as cutting through the survey area and is related to modern infrastructure such as pipes, fences, and pylons. Anomalies of natural origin are visible across all of the East Park Site and most likely reflect changes in local geology.

9.3 In the northern part of East Park Site C, an extensive settlement system with possible production activity of probable Romano-British chronology was identified. The settlement is approximately 31ha and its structure is strongly visible, with a network of roads present. A possible main square is also apparent.

9.4 Multiple anomalies of possible archaeological origin have been detected across all of the East Park Site and within the Internal Cabling Routes and Grid Connection Corridor. These represent probable farmsteads with round houses, settlement and enclosure systems, double-ditch trackways, and possible barrows.

9.5 Several anomalies throughout the site have been classified as unclear in origin because it has not been possible to definitively determine whether these anomalies are the result of archaeological, agricultural, or natural processes.

9.6 Modern and historic agricultural activities have been identified across all sections of the survey area and represent former historic mapped field boundaries, ridge and furrows regimes, modern ploughing and drains.

9.7 Anomalies associated with probable extraction activity have been recorded across all sections of the survey area.

10 Statement of Indemnity

10.1 Although the results and interpretation detailed in this report have been produced as accurately as possible, it should be noted that the conclusions offered are a subjective assessment of collected data sets.

10.2 The success of a geophysical survey in identifying archaeological remains can be heavily influenced by several factors, including geology, seasonality, field conditions and the properties of the features being detected. Therefore, the geophysical interpretation may only reveal certain archaeological features and not produce a complete plan of all the archaeological remains within a survey area.

11 Archive Deposition

11.1 In accordance with professional standard practice an 'Online Access to the Index of archaeological investigations' ('OASIS') record will be completed for submission to the HER and Archaeological Data Service (ADS) (Appendix 2).

11.2 One digital and hard copy of the report and data will be submitted to the relevant Historic Environment Record (HER) at the Client's discretion.

11.3 A digital copy of the report and data will also be submitted to the ADS at the Client's discretion.

12 Bibliography

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*denotes a reference that occurs in Appendix 2 rather than the main body of this report.

13 Plates

Plate 1. East Park Energy – Survey area – Site A.

Plate 2. East Park Energy – Survey area – Site A.

Plate 3. East Park Energy – Survey area – Site B.

Plate 4. East Park Energy – Survey area – Site B.

Plate 5. East Park Energy – Survey area – Site B.

Plate 6. East Park Energy – Survey area – Site C.

Plate 7. East Park Energy – Survey area – Site C.

Plate 8. East Park Energy – Survey area – Site D.

Plate 9: East Park Energy – Survey area – Site D.

14 Figures

Appendix 1: Survey Metadata

Oasis ID: aocarcha1-513470

Field	Description
Surveying Company	AOC Archaeology Group
Data collection staff	[redacted]
Client	RNA Energy ltd
Site name	EAST PARK ENERGY
County	BEDFORD BOROUGH, CAMBRIDGESHIRE
NGR	TL 08004 63268 (centre)
Land use/ field condition	Arable
Duration	November 2022 – September 2025
Weather	Various
Survey type	Gradiometer Survey
Instrumentation	Bartington cart survey: Bartington Non-Magnetic Cart, two Bartington Grad 601-2, Trimble R10 GNSS System Sensys cart survey: Sensys MXPDA cart, four FGM650/3 sensors, Trimble R10 GNSS System
Area covered	701ha
Download software	MLGrad601 / DLMGPS v4.01-10, Geoserver v1.00-02
Processing software	Geomar, MultiGrad601 and TerraSurveyor / MAGNETO®
Visualisation software	ArcGIS Pro
Geology	(BGS, 2025)
Soils	(Soilscapes, 2024)
Scheduled Ancient Monument	YES (DISCUSSED WITH HISTORIC ENGLAND)
Known archaeology on site	YES
Historical documentation/ mapping on site	YES
Report title	East Park Energy, Bedford Borough & Cambridgeshire: Archaeological Geophysical Survey
Project number	40288
Report Author	[redacted] ACIfA
Quality Checked by	[redacted] MCIfA

Appendix 2: Archaeological Prospection Techniques, Instrumentation and Software Utilised

Gradiometer Survey

Gradiometer surveys measure small changes in the earth's magnetic field. Archaeological materials and activity can be detected by identifying changes to the magnetic values caused by the presence of weakly magnetised iron oxides in the soil (Aspinall et al., 2008, 23; Sharma, 1997, 105). Human habitation often causes alterations to the magnetic properties of the soils and sediments present in the area (Aspinall et al, 2008, 21). There are two physical transformations that produce a significant contrast between the magnetic properties of archaeological features and the surrounding soil: the enhancement of magnetic susceptibility and thermoremnant magnetization (Aspinall et al., 2008, 21; Heron and Gaffney 1987, 72).

Ditches and pits can be easily detected through gradiometer survey as the topsoil within and around settlements generally has a greater magnetisation than the subsoil; caused by human activity. This enhanced material accumulates in cut features such as ditches and pits. Areas of burning or materials which have been subjected to heat commonly also have high magnetic signatures, such as hearths, kilns, fired clay and mudbricks (Clark 1996, 65; Lowe and Fogel 2010, 24).

It should be noted that negative anomalies can also be useful for characterising archaeological features. If the buried remains are composed of a material with a lower magnetisation compared to the surrounding soil, the feature in question displaying a negative signature. For example, stone- built structures that are composed of sedimentary rocks are frequently non-magnetic and so will appear as negative features within the dataset if the local soils and sediments are at all magnetised.

Ferrous objects – i.e. iron and its alloys - are strongly magnetic and are typically detected as high-value peaks in gradiometer survey data; small (in spatial terms) spikes are generally assumed to derive from ferrous material of recent origin (e.g. stray bits of farm equipment) in the topsoil, though archaeological sources cannot be ruled out. Broader dipolar anomalies and those with diagnostic characteristics of form will be assigned to other classifications based on their character, which might include archaeology, burning, modern ferrous or uncertain.

Although gradiometer surveys have been successfully carried out in all areas of the United Kingdom, the effectiveness of the technique is lessened in areas with complex geology, particularly where igneous and metamorphic bedrock is present or there are layers of alluvium or till between the surface and the layers of interest. All magnetic geophysical surveys must therefore take the effects of background geological and geomorphological conditions into account.

Bartington Non-Magnetic Cart Instrumentation and Software

AOC Archaeology's cart-based surveys are carried out using a Bartington Non-Magnetic Cart. The cart enables multiple traverses of data to be collected at the same time, increasing the speed at which surveys may be carried out and offers the benefits of reduced random measurement noise and rapid area coverage (Schmidt et al 2015, 60-62, David et al. 2008, 21).

The cart uses a configuration of four Grad-01-1000L sensors mounted upon a carbon fibre frame along with two DL601 dataloggers and one BC601 battery cassette. The sensors are normally positioned at 1m intervals on a horizontal bar, with the datalogger taking readings every 12.5cm along each traverse, though this can be altered to increase / reduce resolution if required. The data is georeferenced via a Trimble R10 Real Time Kinematic (RTK) VRS Now GNSS GPS which streams data throughout survey and allows the data to be recorded relative to a WGS1984 UTM coordinate system.

The gradiometer data is collected through Geomar MLGrad601 software on a laptop in real-time during the survey. The data is downloaded and converted into a .xyz file in Geomar MultiGrad601 before being processed along with the GPS data in TerraSurveyor v3.0.34.10 (see Appendix 3 for a summary of the processes used in Geoplot to create final data plots).

Sensys MAGNETO® MXPDA Non-Magnetic Cart Instrumentation and Software

AOC Archaeology's cart-based surveys are carried out using a Sensys MAGNETO® MXPDA push-cart magnetometer system. The cart enables multiple traverses of data to be collected at the same time, increasing the speed at which surveys may be carried out and offers the benefits of reduced random measurement noise and rapid area coverage (Schmidt et al 2015, 60-62, David et al. 2008, 21).

The cart uses a configuration of five FGM650/3 fluxgate gradiometer sensors mounted upon a frame along with data logging equipment and batteries. The sensors are normally positioned at 0.5m intervals along a horizontal bar, with the data being collected in a constant stream through the data acquisition unit MXPDA resampled to 0.125m. The data is georeferenced via a Trimble R10 Real Time Kinematic (RTK) VRS Now GNSS GPS which streams data throughout survey and allows the data to be recorded relative to a WGS1984 UTM coordinate system. Whilst the cart is surveying, the data acquisition is visualised through a tablet PC which is mounted to the cart.

The data is downloaded via USB and converted using DLMGPS and Geoserver, before being processed (compensated) using MAGNETO® 3.0 software (see Appendix 3 for a summary of the processes used in MAGNETO® to create final data plots).

Appendix 3: Summary of Data Processing

Process	Effect
Clip	Limits data values to within a specified range
De-spike	Removes small spatial scale exceptionally high readings in the data. In resistivity survey, these can be caused by poor contact of the mobile probes with the ground. In gradiometer survey, these can be caused by highly magnetic items such as buried modern ferrous objects.
De-stagger	Corrects a misalignment of data when the survey is conducted in a zig-zag traverse pattern.
Discard Overlap (TerraSurveyor)	Removes datapoints which occur too closely together and can cause digital artefacts in the data which are caused by the overlapping of parallel traverses.
Edge Match	Counteracts edge effects in grid composites by subtracting the difference between mean values in the two lines either side of the grid edge from one of the grids.
Filter (MAGNETO)	Much like a zero mean traverse, it resets the median value of each point to zero, in order to address the effect of striping in the data and counteract edge effects. In MAGNETO the individual values take into account the value of all uncorrected points within a certain distance to create its own median.
GPS Filter (MAGNETO)	Used to either remove or reduce the appearance of constant and reoccurring features that are not consistent with the GPS signal in use by the cart system.
High pass filter	Removes low-frequency, large spatial scale variance in order to remove background trends in the data, such as variations in geology.
Interpolate	Increases the resolution of a survey by interpolating new values between surveyed data points, creating a smoother overall effect.
Low Pass filter	Uses a Gaussian filter to remove high-frequency, small spatial scale variance, typically for smoothing the data.
Periodic Filter	Used to either remove or reduce the appearance of constant and reoccurring features that distort other anomalies, such as recent plough lines.
Remove Turns (TerraSurveyor)	Uses analysis of the direction of travel derived from the GNSS data to break continuous streams of data into individual traverses.
Zero Mean Grid	Resets the mean value of each grid to zero, in order to counteract grid edge discontinuities in composite assemblies.
Zero Mean Traverse	Resets the mean value of each traverse to zero, in order to address the effect of striping in the data and counteract edge effects.

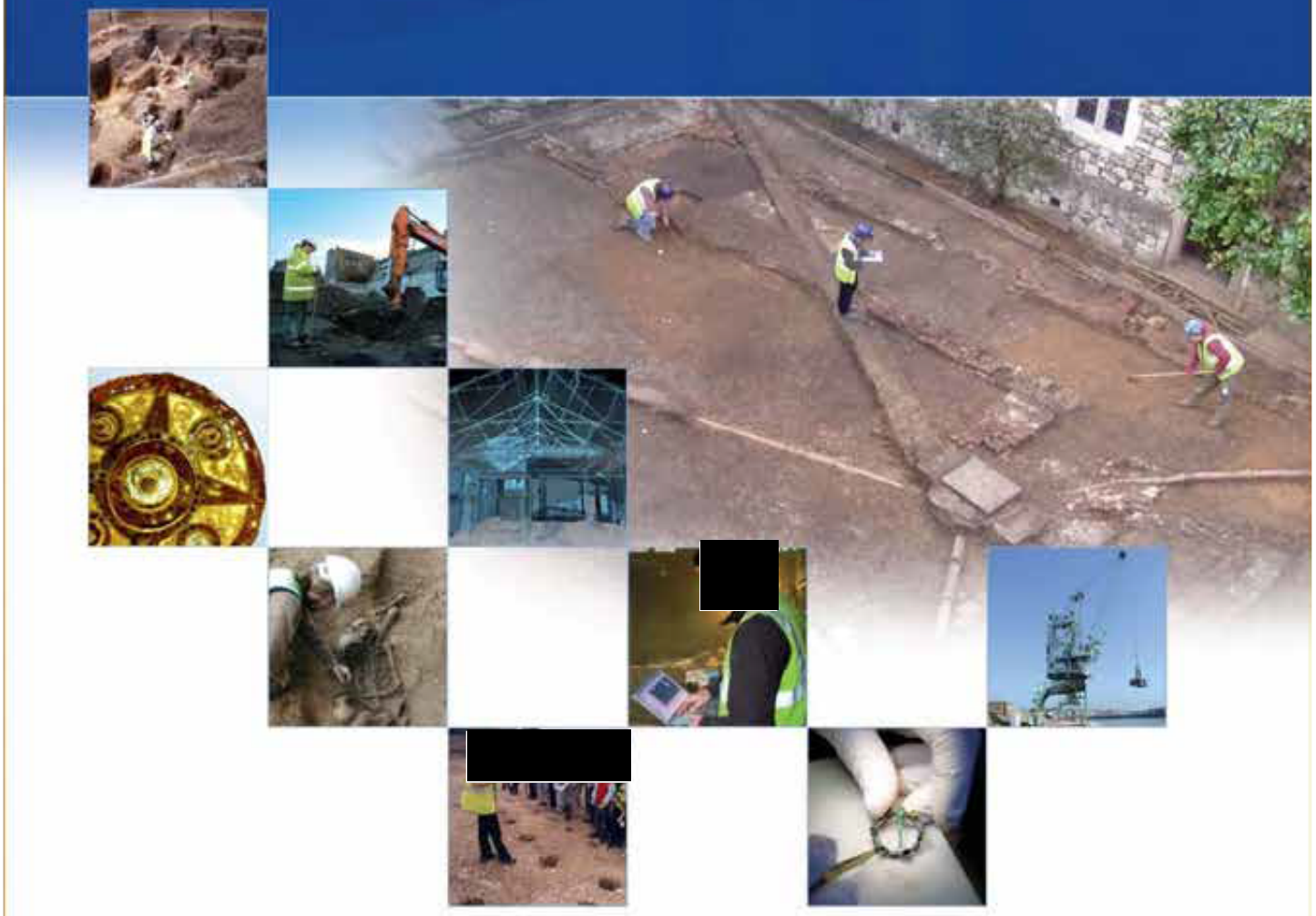
Processing Steps

Bartington & Sensys Cart survey	
Process	**Extent**
Base Settings	Interval 0.121m, Track Radius 1.06m
Remove Turns	Threshold Angle 90°, Cut Length 5m
Discard Overlap	Threshold Distance 0.4m, Minimum Track 5, Newest
Despike	Mean Diameter 3 Threshold 12
Destripe	Mean Traverse SD 1.5
High Pass Filter	Uniform (Median) 12
Clip	-30/30

Appendix 4: Technical Terminology

Type of Anomaly	Description of Type/Class and rationale for interpretation
Anomaly	Usually linear / curvilinear / rectilinear / discrete anomalies characterised by a sharp-edged increase or decrease in values compared to the magnetic background. Some interpretation classes may have more gradual transitions in magnetic character- this is used as part of the classification process.
Spread	Spreads of enhanced material refer to diffuse areas of altered magnetic character, which suggest a localised spread of material with a magnetic contrast within the topsoil or ploughzone or a generalised enhancement of the magnetic properties over a specific area.. These anomalies do not have the high dipolar response characteristic of ferrous material anomaly unless specifically classified as a spread of ferrous debris.
Linear Trend	Linear trends are less distinct and are typically visible as linear patterning in the overall texture of the data. A common example of these is the striping effect caused by recent ploughing.

Class of Anomaly	Description
Probable Archaeology	Interpretation is supported by the presence of known archaeological remains or by other forms of evidence such as HER records, LiDAR data or cropmarks identified through aerial photography. OR the data contains diagnostic anomalies in terms of character or morphology which allow a secure interpretation. Anomalies typically have well defined edges with abrupt transitions indicative of cut features with magnetically enhanced fills, such as ditches. Discrete anomalies will be checked on XY traces for their magnetic character; discrete anomalies in this class likely to be cut features such as pits; anomalies indicating high temperature processes will alternatively classified as 'burned area' - see below. Ferrous material creates distinct 'spikes' and is classified as such.
Possible Archaeology	Anomalies are interpreted as likely to have an archaeological origin, though other explanations are also possible, but less likely. Anomalies typically have well defined edges with abrupt transitions indicative of cut features with magnetically enhanced fills, such as ditches. Discrete anomalies checked on XY traces; discrete anomalies in this class likely to be cut features such as pits; anomalies indicating high temperature processes classified as 'burned area' - see below.
Burned Area	An anomaly with a form on the XY trace plot that is characteristic of high temperature activity such as a kiln or hearth. Should be considered as possible archaeology and should be assigned an anomaly number if a more specific interpretation is possible based on the anomaly characteristics (for example, a clear kiln) so that this can be discussed in text.
Historical Features	Features observed on historical mapping that correspond with anomalies in the data. Linear anomalies caused by removed field boundaries often exhibit distinct characteristics related to the removal process. Areas of enhanced magnetism in this class could relate to former buildings, trackways, quarries or ponds and their nature should be clarified with the use of anomaly numbers and discussion in the results section.
Unclear Origin	These anomalies are (often) magnetically weak and discontinuous or isolated making their context difficult to ascertain. OR they are indistinct for other reasons such as magnetic disturbance in their vicinity. Anomalies in this category have no more likely explanation than another, so whilst an archaeological origin is possible, an agricultural, geological, or modern origin is also equally likely.
Agricultural	Anomalies associated with agricultural activity, either historical (unless shown on a map, then classed as a historical feature) or modern. Usually, this interpretation is arrived at due to on the ground observations of (for example) ploughing, access tracks and the like, or from observation of recent aerial images of the survey area. Recent ploughing is shown as a dashed line and Ridge and Furrow ploughing is shown as a solid line.
Ridge and Furrow / Rig and Furrow	A series of regular linear or slightly curvilinear anomalies which are broad and usually have diffuse edges, either composed of an increased or decreased magnetic response compared to background values. Wide regular spacing between the anomalies is consistent with that of a ridge and furrow / rig and furrow ploughing regime, and the regime may also have a degree of sinuosity characteristic of certain types of ridge and furrow cultivation. Often, multiple directions will be present, with distinct headlands in between. The pattern might follow the general landscape organisation, or it may radically differ from it, depending on the local sequence of inclosure. The anomalies often present as a positive 'ridge' anomaly adjacent to a negative 'furrow' anomaly.
Ploughing Trends	A series of regular linear anomalies or changes in the texture of the survey data, either composed of an increased or decreased magnetic response compared to background values. Anomalies seen parallel to field edges are representative of headlands caused by ploughing.
Drains	A series of magnetic linear anomalies (often with a characteristic alternating positive-negative pattern, which indicates a ceramic drain) of an indeterminate date, usually with a regular dendritic or herringbone patterning which reflects the topography of the survey area.
Geology / Natural	An area of enhanced magnetism that is composed of irregular (usually) weak increases or decreases in magnetic values, frequently with gradual transitions in character, compared with background readings. These are likely to indicate natural variations in soil composition or reflect variations in the bedrock or superficial geology. In areas where former water courses were present, paleochannels may present as distinct curving and banded or braided linear anomalies.
Service	Strong linear anomalies often composed of contrasting high positive and negative dipolar values, with a halo of magnetic disturbance extending from the causative body. Such anomalies are characteristic of below-ground services.
Magnetic Disturbance	A zone of strong magnetic response (usually alternating between positive and negative with abrupt transitions) that has been caused by modern infrastructure or ferrous material within or adjacent to the survey area, such as metallic boundary fencing, gateways. The magnetic haloes around services and changes in the background texture of the data resulting from overhead power lines also fall into this class. These haloes are strong enough to obscure other anomalies (including those of possible archaeological interest) in the area they affect.
Ferrous Anomalies / Ferrous (iron spikes) and ferrous or debris spreads	A response caused by ferrous materials on the ground surface or within the subsoil, which causes a strong but localised dipolar response in the data. These generally represent modern material often re-deposited during manuring, rubbish at field edges and spreads of debris or building material used to surface tracks or left behind following demolition. Distinct from magnetic disturbance, these anomalies relate to material at their spatial location, rather than an effect occurring at a distance from the material responsible.
Free Category for custom use	A category which may be employed to denote specifically identified anomalies related to known past activity within the area, for example those definitely associated with a former airfield, or mapped former mineral extraction.



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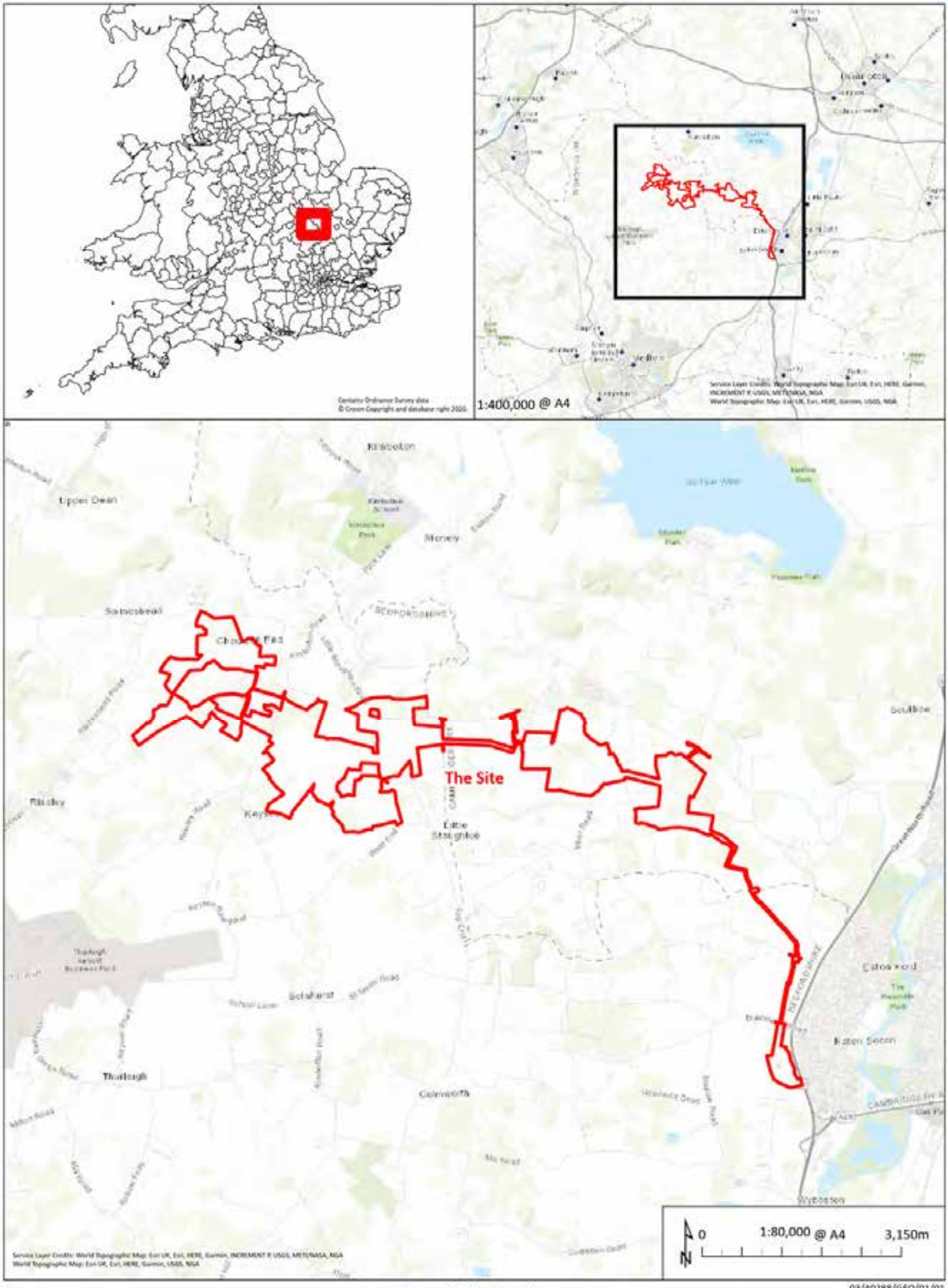

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Figure 1: Site Location

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 2

Survey Areas

Legend

- Red Line Boundary
- Sensys Cart
- Bartington Cart

SITE A

SITE B

SITE C

SITE D

Swineshead
Wood End
Stonely
Park Lane
Agden Green
B645
East Perry
B661
Tertenhall
Green End
Staughton Green
Great Staughton
Keysoe
Little Staughton
Hall Weston
Keysoe Row
Staploe
Eaton
Eaton Socon
St Neots
A1
Bolnhurst
Colmworth
Thurleigh
B660
Chapel End
Kimbolton Road
Wyboston

0 2,000 m

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:40,000
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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.1

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

506800 507000 507200 507400 507600 507800 508000

266000 265800 265600 265400 265200 265000

Sunny Farm

Area 34

Area 36

Area 35

Area 38

Area 39

Area 37

Green End

Green End

0 200 m

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505800 506000 506200 506400 506600 506800

265400 265200 265000 264800 264600 264400

Area 36 Area 34 Area 35 Area 39 Area 37 Area 41 Area 133 Area 132

Middle Lodge Buildings

Poplar Spinney

Dumpling Lodge

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.2

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

0 200 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.3

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

Area 39

Area 41

Middle Lodge Buildings

Area 133

Area 132

Poplar Spinney

Dumpling Lodge

Willow Spinney

505800 506000 506200 506400 506600 506800 507000

264800 264600 264400 264200 264000 263800 263600

0 200 m

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
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Scale: 1:5,000

Page Size: @ A3

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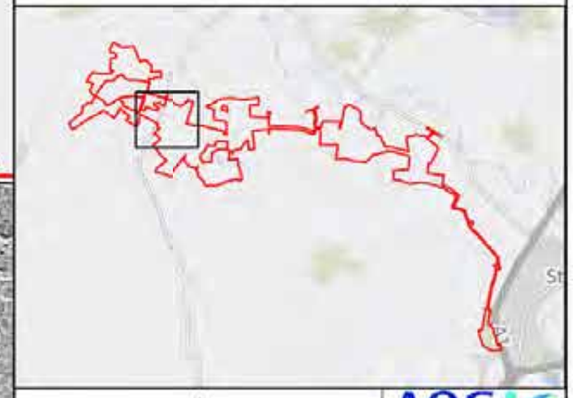
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.4

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT



0 200 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.5

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

Area 7
Area 6
Area 4
Area 10
Area 3
Area 1
Area 13
Area 2

Pertenhall Road
Keysoe
Mill Hill
B660
Mill Hill
Mill La

507600 507800 508000 508200 508400 508600 508800 509000
263800 263600 263400 263200 263000 262800 262600

0 200 m

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509000 509200 509400 509600 509800 510000 510200

264600 264400 264200 264000 263800 263600

Area 8 Area 9 Area 10 Area 11 Area 12 Area 13 Area 5 Area 21 Area 22 Area 23 Area 25 Area 26 Area 27 Area 28 Area 29 Area 30

Staughton Rd

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.6

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

0 200 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.7

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

Area 5
Area 10
Area 11
Area 21
Area 12
Area 13
Area 25
Area 26
Lodge Farm
Area 14
Area 15
Green End
Area 16a
Area 32
Area 18 & 19
Area 17
Area 33
Area 20
West End

509000 509200 509400 509600 509800 510000 510200

263400 263200 263000 262800 262600 262400

0 200 m

N

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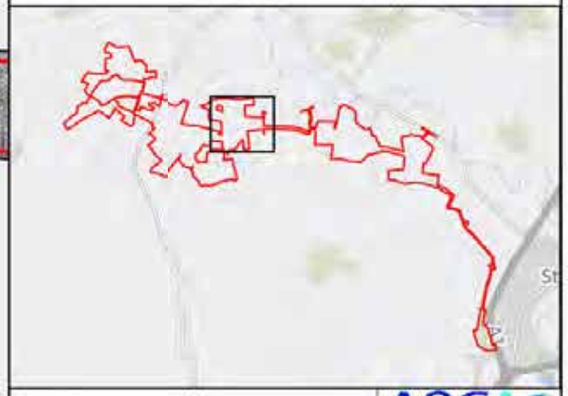
Figure 3.8

Processed Gradiometer Data – Greyscale Plot - Overview



0 200 m

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512400 512600 512800 513000 513200 513400 513600 513800

264400 264200 264000 263800 263600 263400 263200

Area 42

Area 66

Area 44

Area 43

Area 46

Area 47

Area 105

Area 65

Mill View

Moor Rd

Rushey Farm

Roman Field Cottage

Night Ha

Vale Wood

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.9

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

0 200 m

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ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.10

Processed Gradiometer Data – Greyscale Plot - Overview

2nT
-1nT

512200 512400 513200 513400

264000 263800 263600 263400 263200 263000 262800

Area 66
Area 42
Area 44
Area 46
Area 43
Area 65
Area 47
New Wood
Moor Rd

0 200 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.11

Processed Gradiometer Data – Greyscale Plot - Overview

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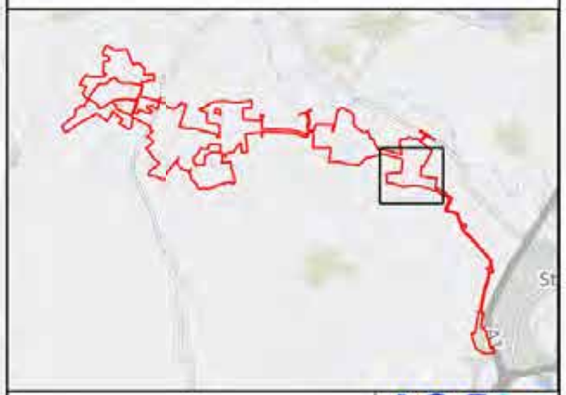
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.12

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT



0 200 m

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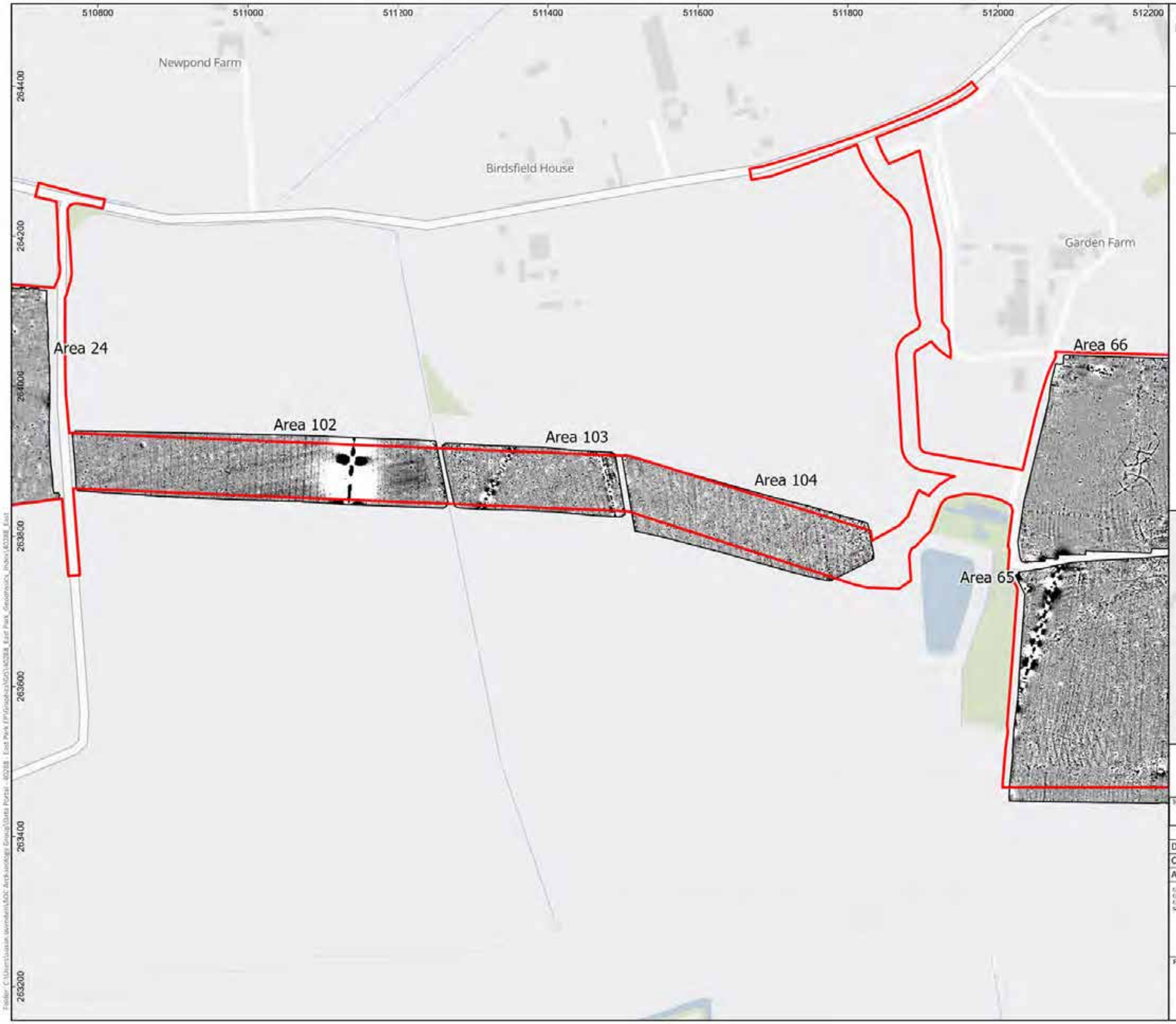
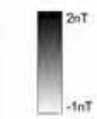
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.13

Processed Gradiometer Data – Greyscale Plot - Overview





0 200 m

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513200 513400 513600 513800 514000 514200 514400 514600

264000 263800 263600 263400 263200 263000 262800

Area 44

Area 46

Area 47

Area 105

Area 105

Area 52

Area 51

Area 43

Area 49

Area 48

Rushey Farm

Roman Field Cottage

Moor Rd

Moor Rd

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.14

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT

0 200 m

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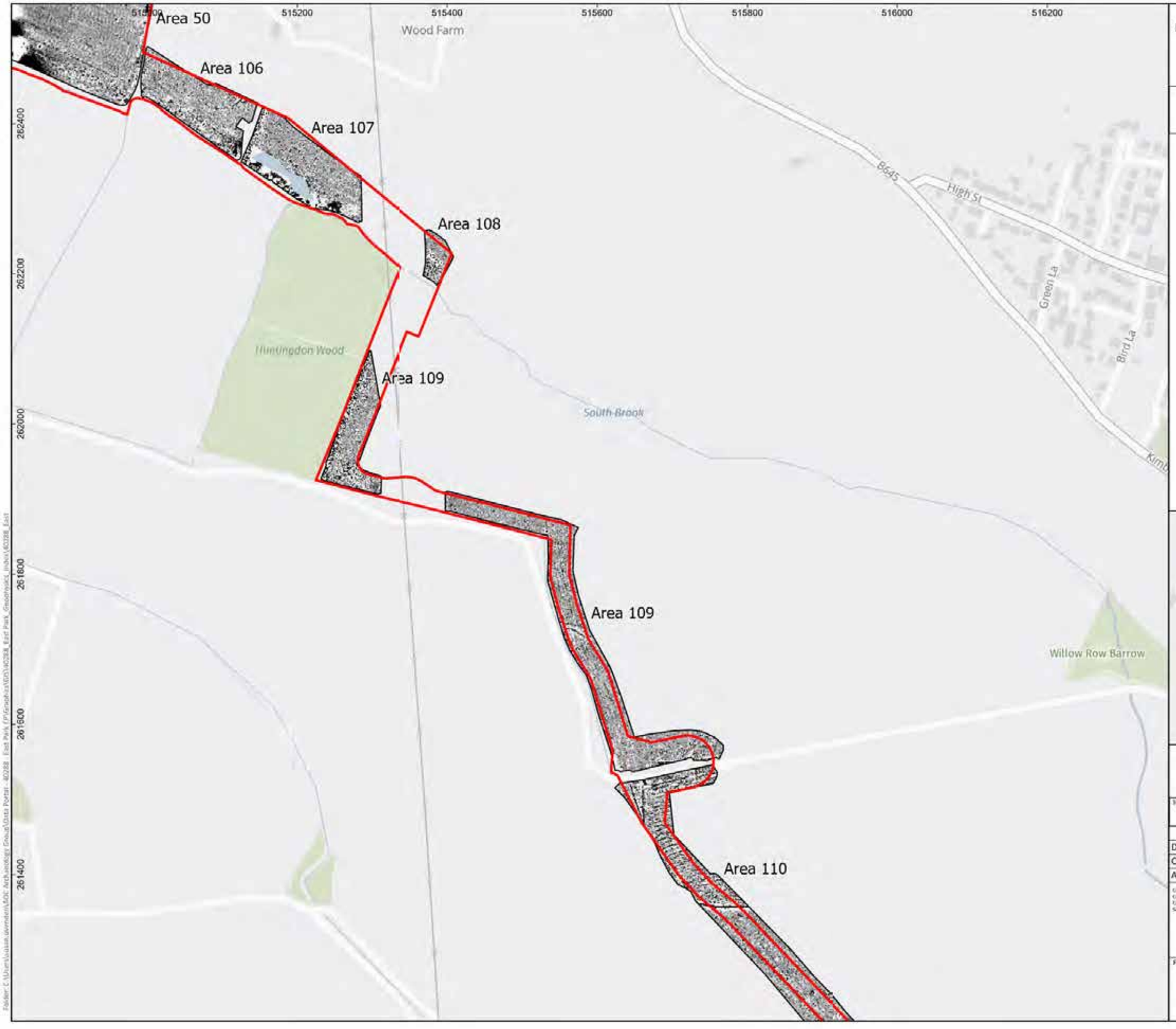
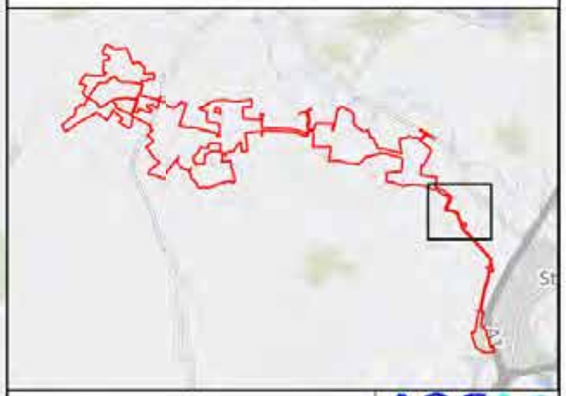
Figure 3.15

Processed Gradiometer Data – Greyscale Plot - Overview





0 200 m

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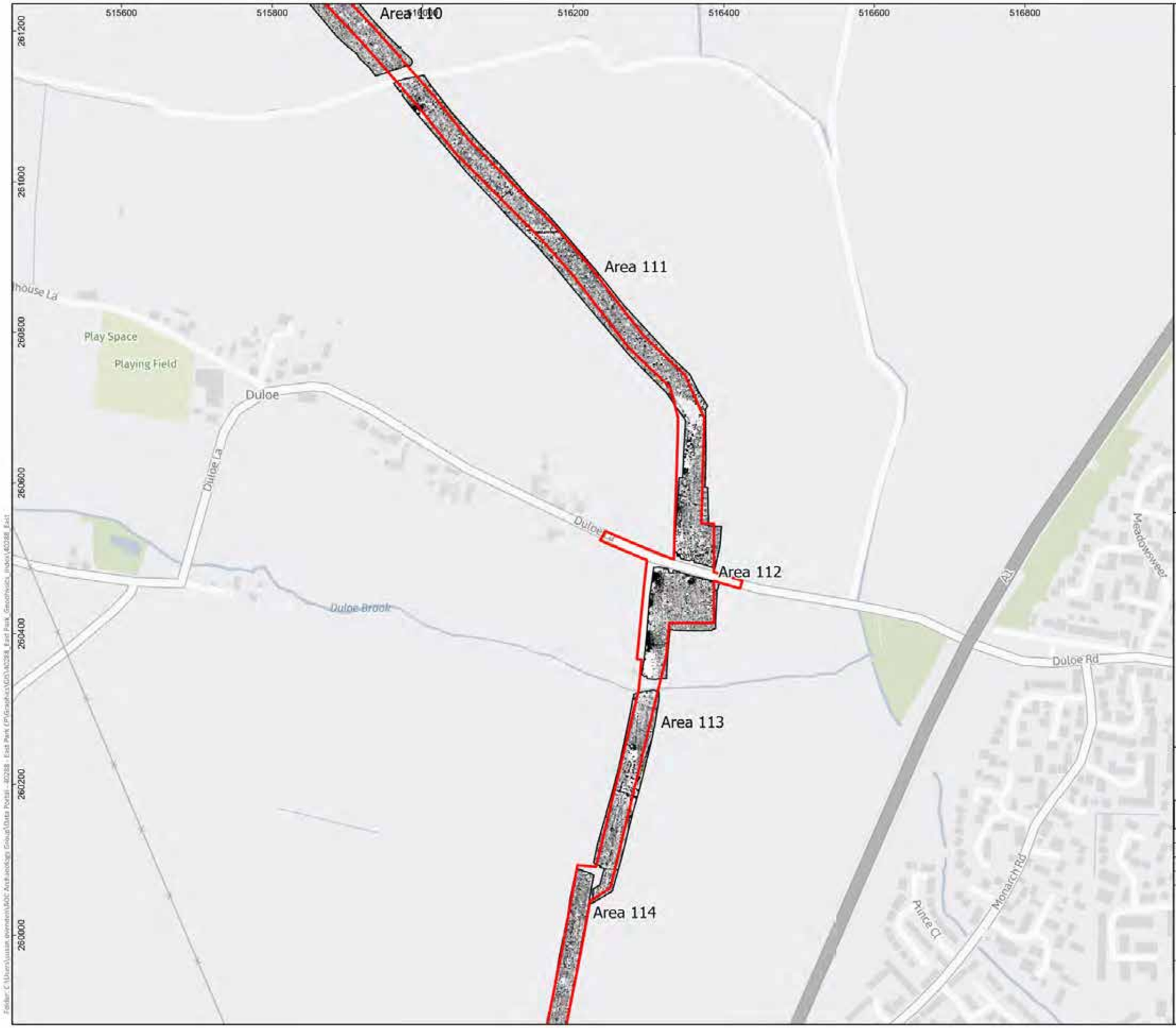
Figure 3.16

Processed Gradiometer Data – Greyscale Plot - Overview

2nT

-1nT



0 200 m

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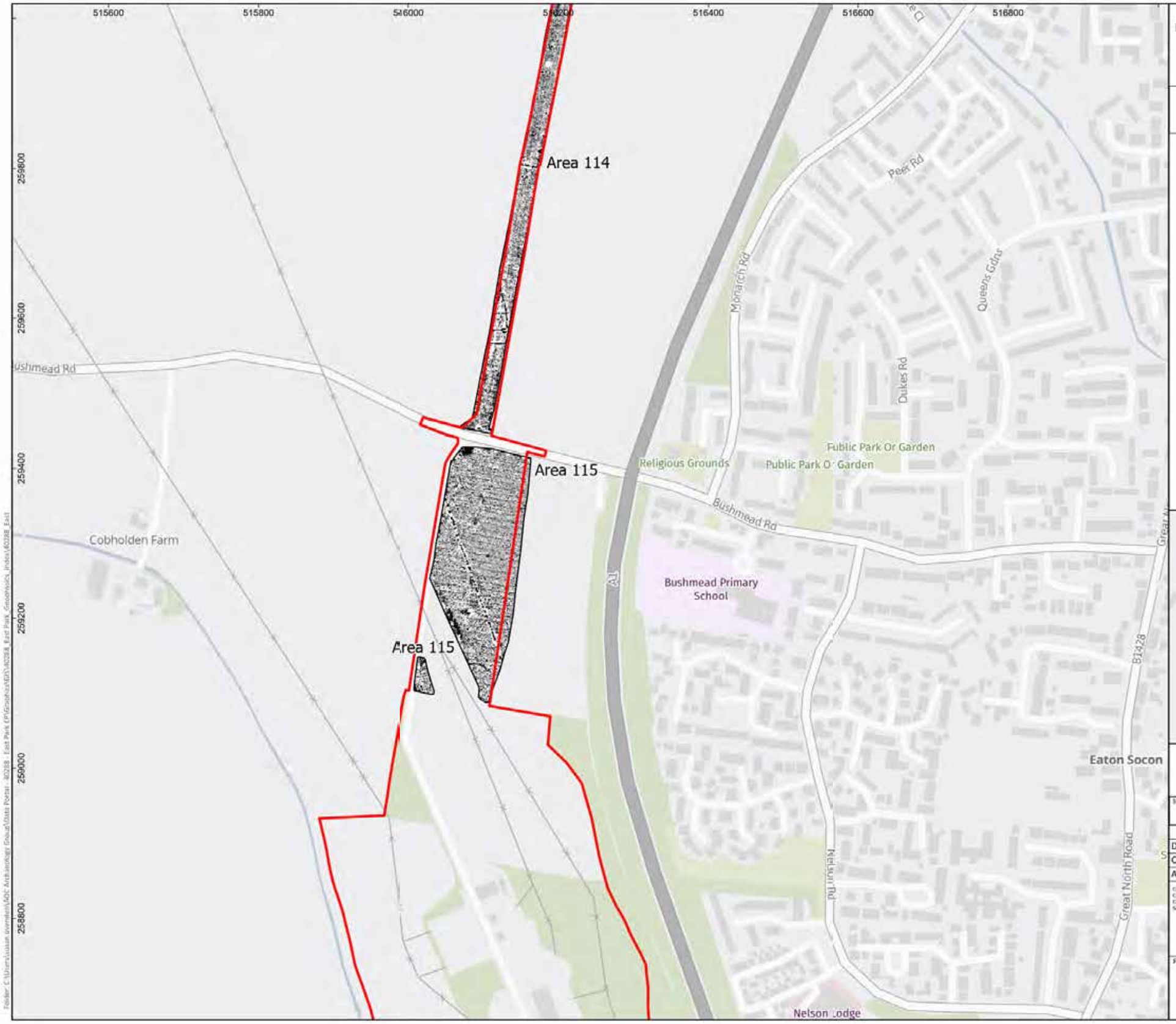
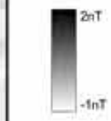
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 3.17

Processed Gradiometer Data – Greyscale Plot - Overview





0 200 m

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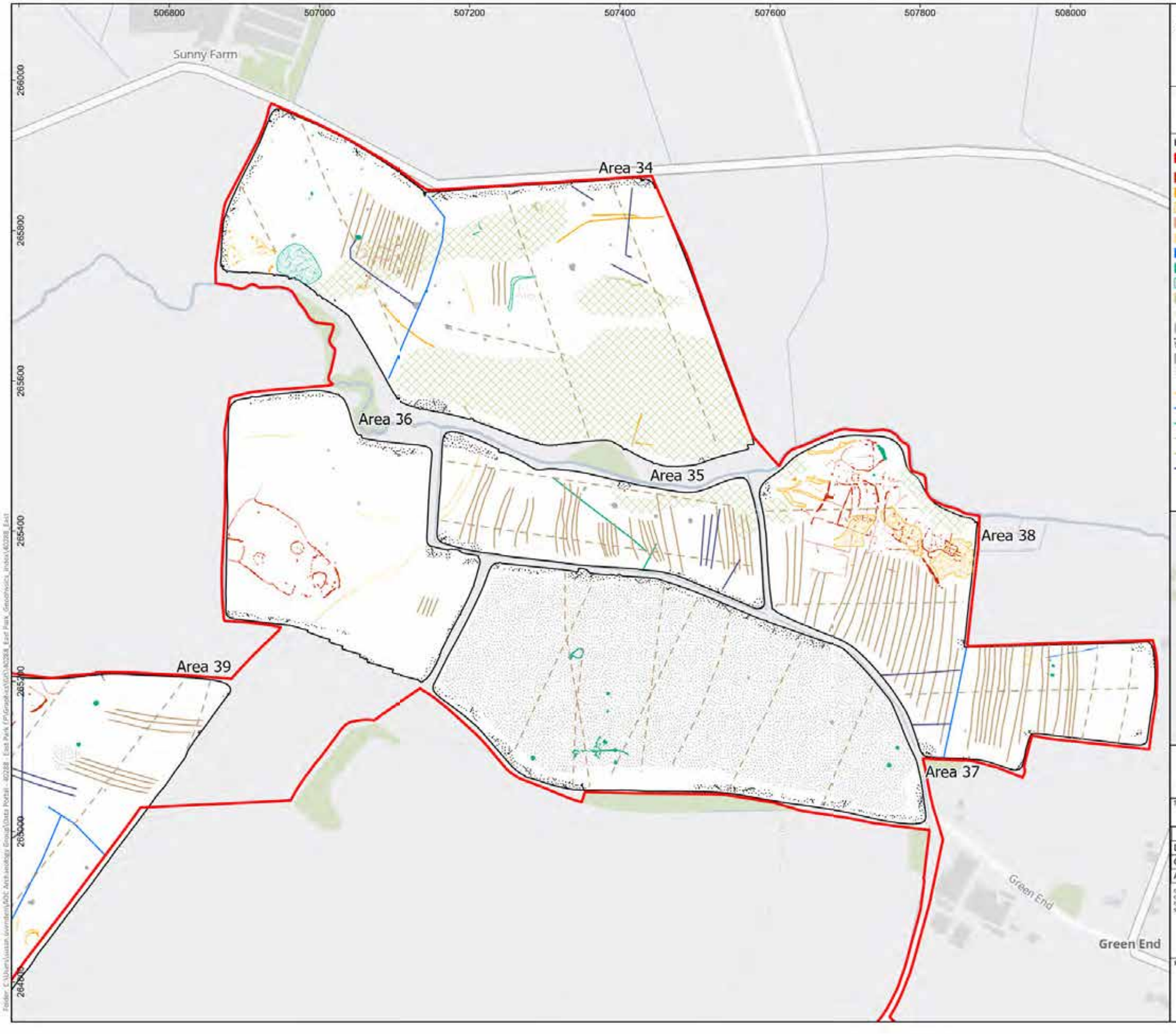
Figure 4.1

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 200 m

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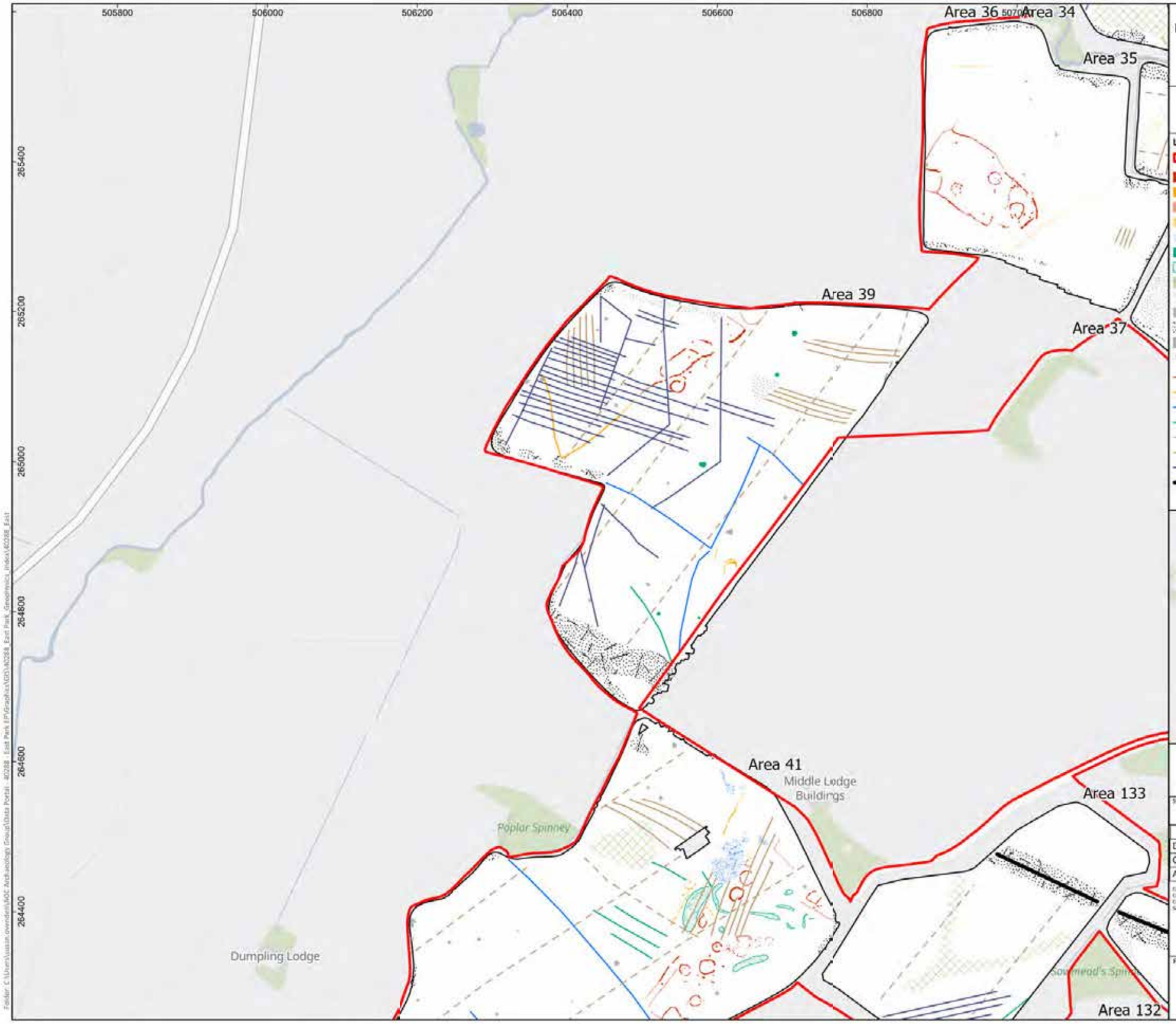
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.2

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 200 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.3

Interpretation of Processed Gradiometer Data - Overview

Area 39

Area 41

Area 133

Area 132

Middle Lodge Buildings

Poplar Spinney

Dumpling Lodge

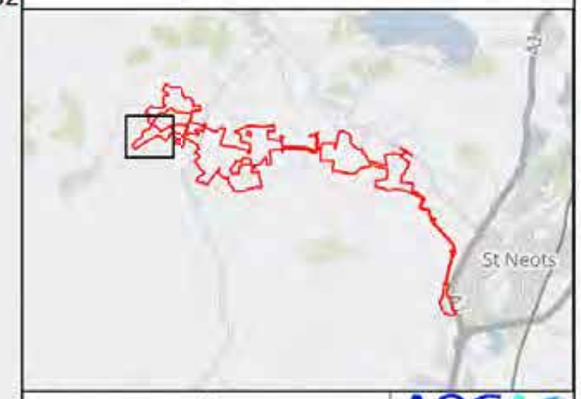
Willow Spinney

505800 506000 506200 506400 506600 506800 507000

264800 264600 264400 264200 264000 263800 263600

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)



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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.4

Interpretation of Processed Gradiometer Data - Overview

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Spread (Custom Use)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)

0 200 m

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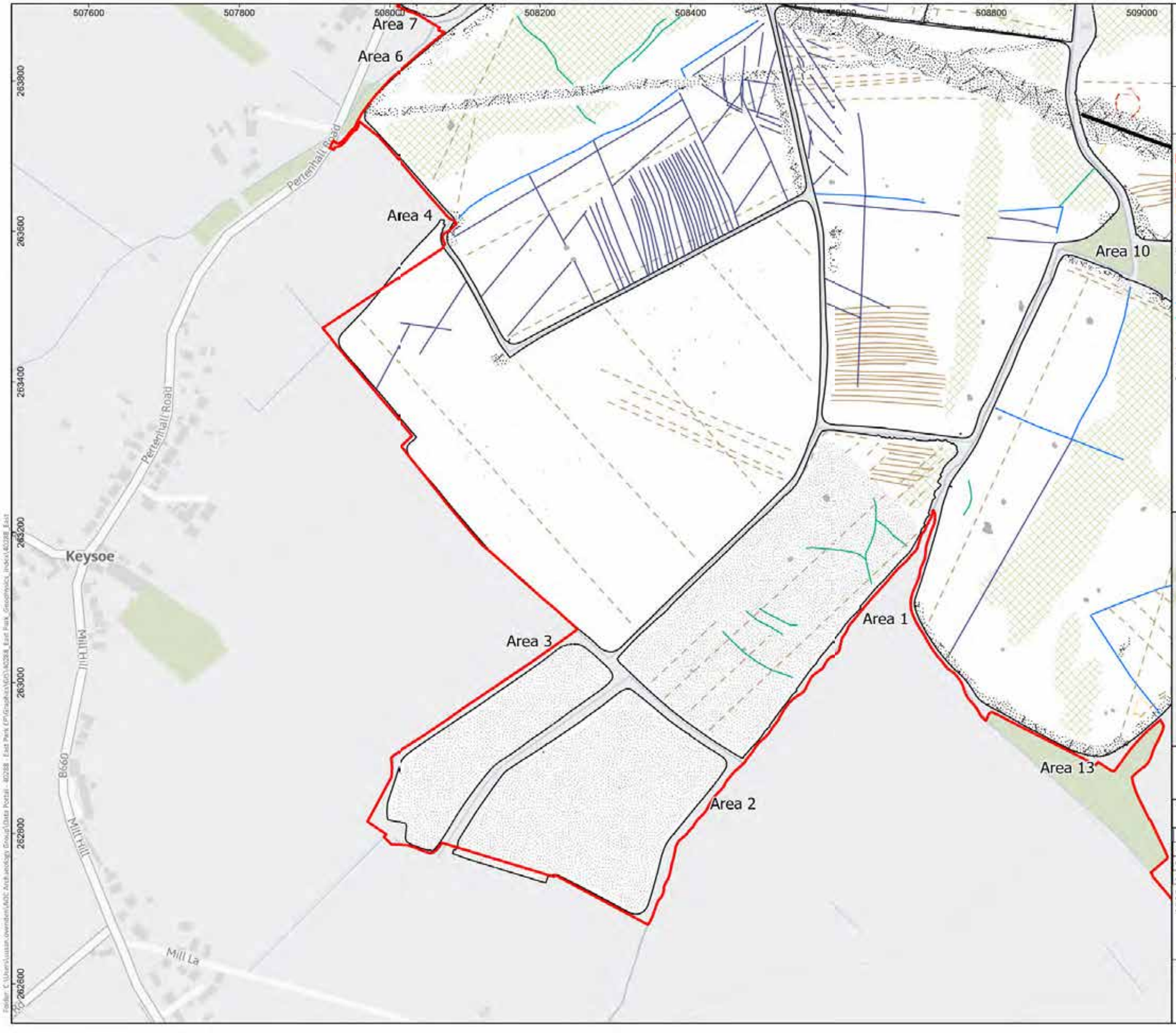
Figure 4.5

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 200 m

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Figure 4.6

Interpretation of Processed Gradiometer Data - Overview

509000 509200 509400 509600 509800 510000 510200

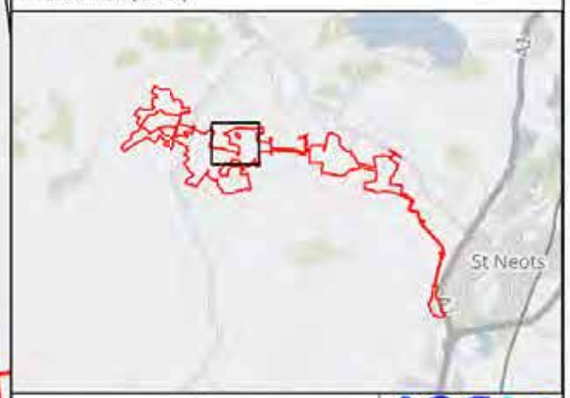
264600 264400 264200 264000 263800 263600

Area 8 Area 9 Area 10 Area 11 Area 12 Area 13 Area 5 Area 21 Area 22 Area 23 Area 25 Area 26 Area 27 Area 28 Area 29 Area 30

Staughton Rd

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)



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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.7

Interpretation of Processed Gradiometer Data - Overview

509000 509200 509400 509600 509800 510000 510200

263600 263400 263200 263000 262800 262600 262400

Area 5 Area 10
Area 11
Area 21
Area 12
Area 13
Area 14
Area 15
Area 16a
Area 17
Area 18 & 19
Area 20
Area 25
Area 26
Area 32
Area 33

Lodge Farm
Green End
Green End
West End
Spring

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)

0 200 m

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Figure 4.8 — **Interpretation of Processed Gradiometer Data - Overview**

509600 509800 510000 510200 510400 510600 510800

264600 264400 264200 264000 263800 263600 263400

Area 27
Area 28
Area 30
Area 29
Area 21
Area 22
Area 23
Area 24
Area 102
Area 11
Area 25
Area 26
Area 14
Newpond Farm
New Farm

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)

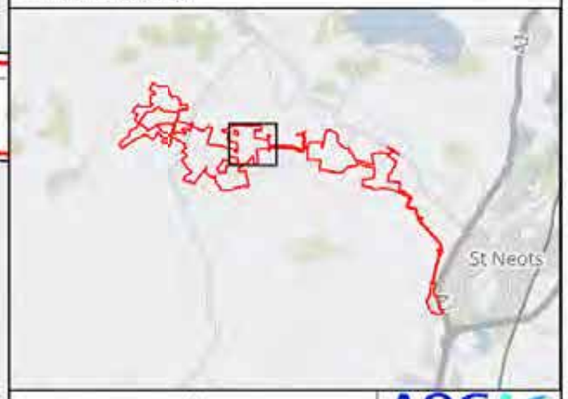

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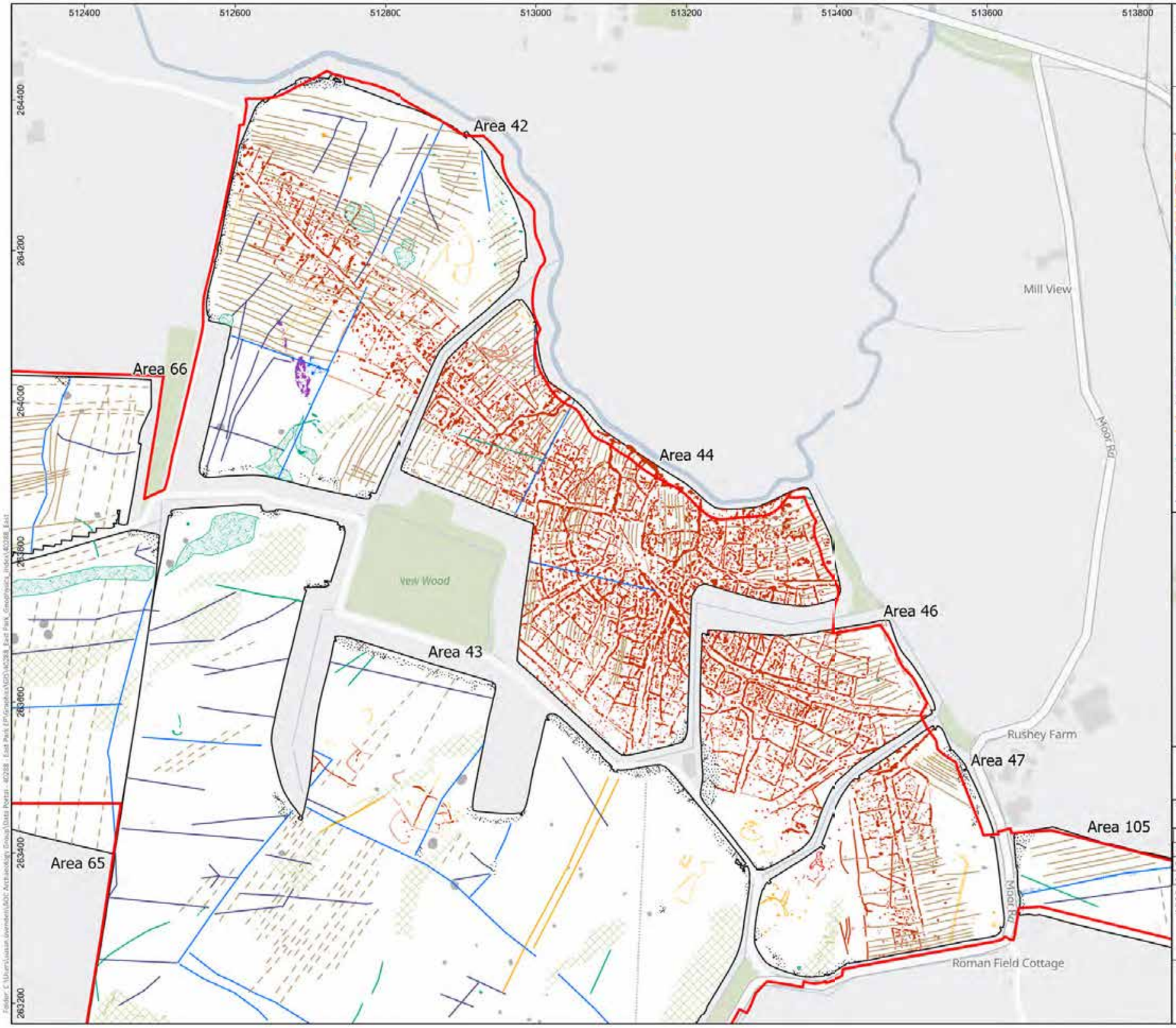
Figure 4.9

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Anomaly (Custom Use)
- Spread (Custom Use)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

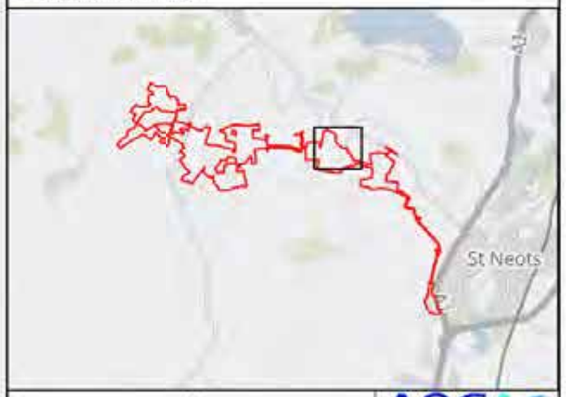


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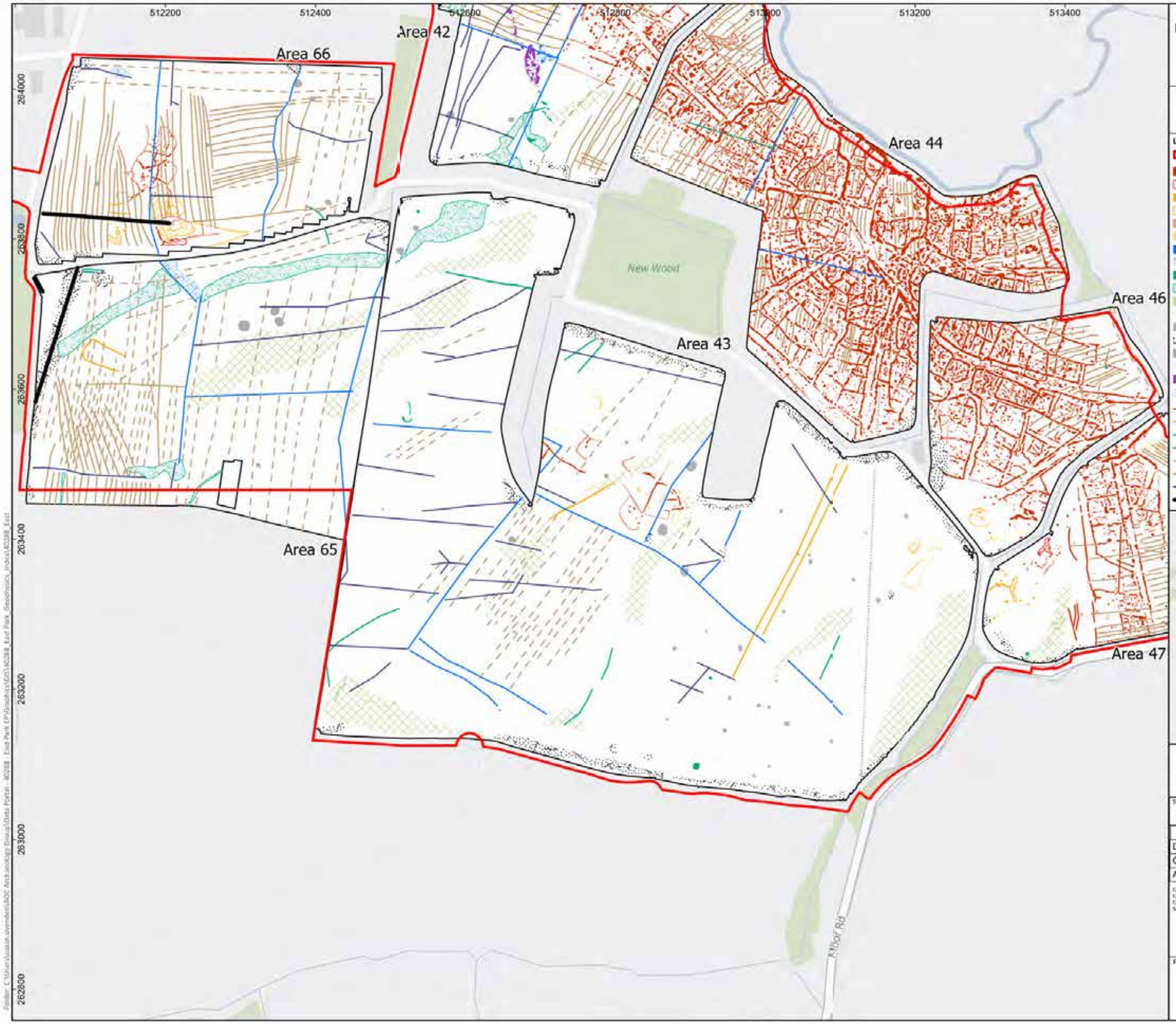
Figure 4.10

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Anomaly (Custom Use)
- Spread (Custom Use)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

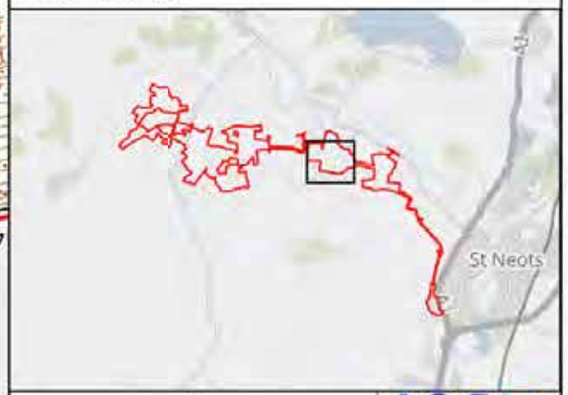


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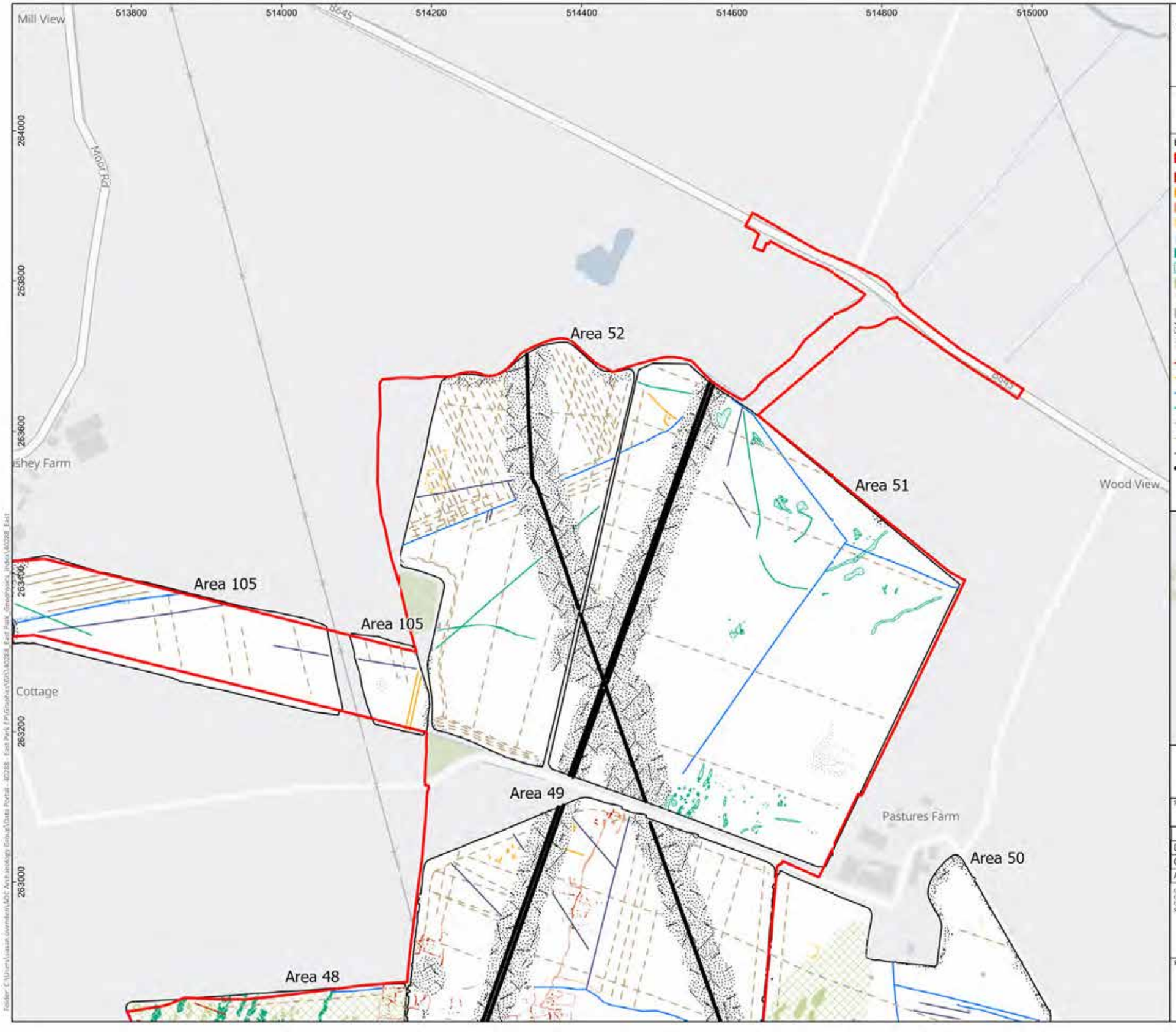
Figure 4.11

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 200 m

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Figure 4.12

Interpretation of Processed Gradiometer Data - Overview

513800 514000 514200 514400 514600 514800 515000

263400 263200 263000 262800 262600 262400 262200

Area 105
Area 52
Area 205
Area 51
Area 49
Area 48
Area 50
Area 106
Area 107
Cottage
Pastures Farm
High Wood

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Linear Trend (Magnetic Distrubance)

0 200 m

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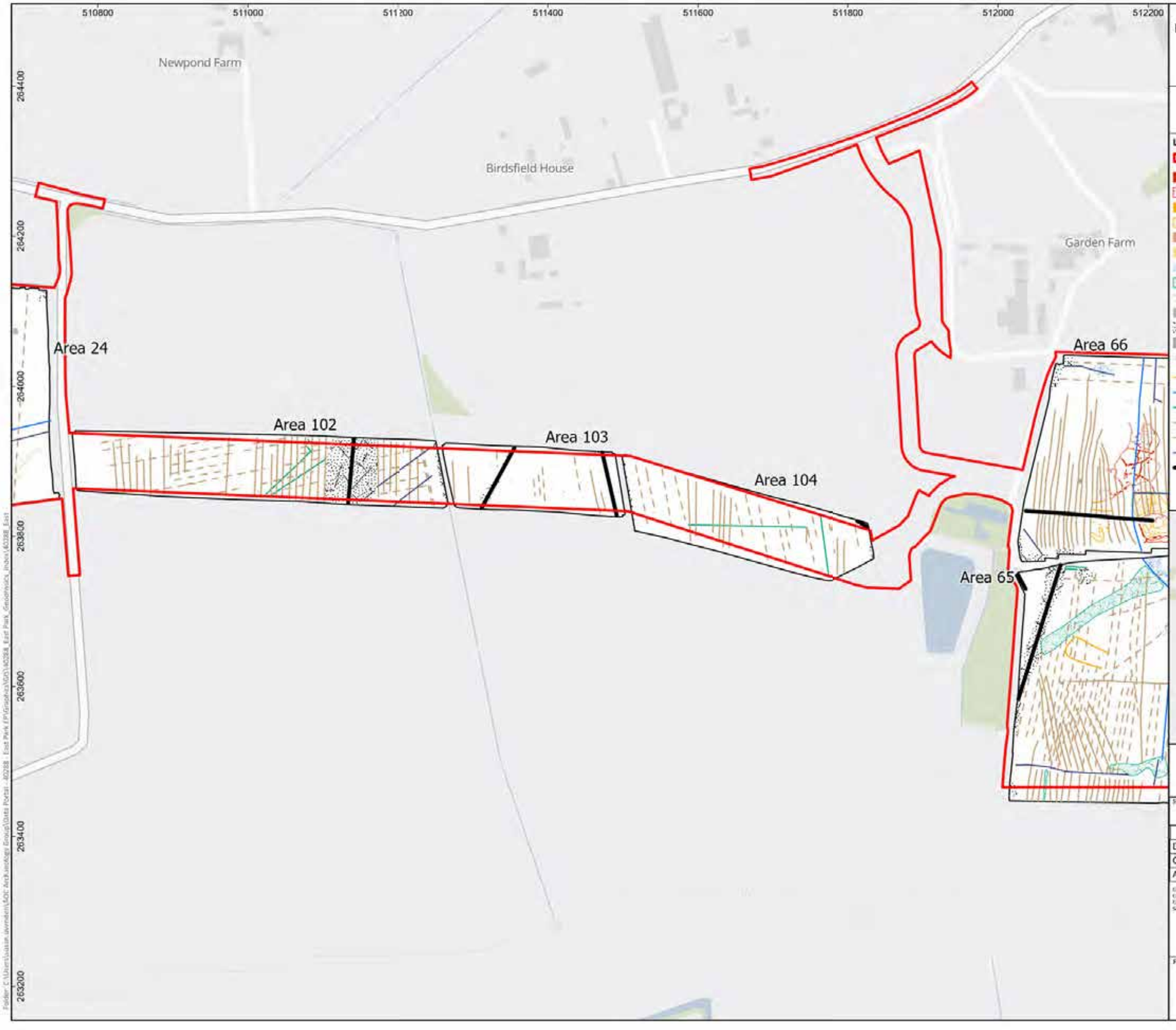
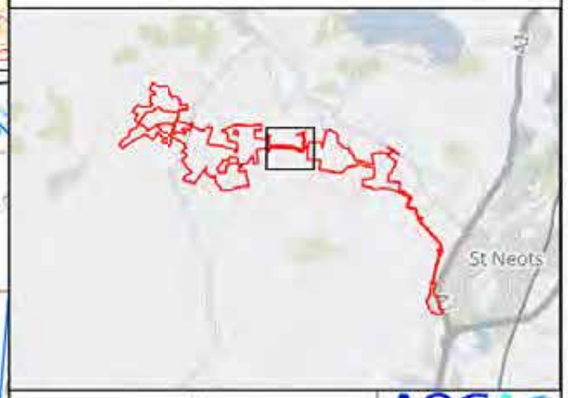
Figure 4.13

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)



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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.14

Interpretation of Processed Gradiometer Data - Overview

513200 513400 513600 513800 514000 514200 514400 514600

264000 263800 263600 263400 263200 263000 262800

Area 44
Area 46
Area 47
Area 105
Area 105
Area 43
Area 52
Area 51
Area 49
Area 48

Rushey Farm
Roman Field Cottage
Moor Rd
Moor Rd
Moor Rd

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (MagneticDisturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 200 m

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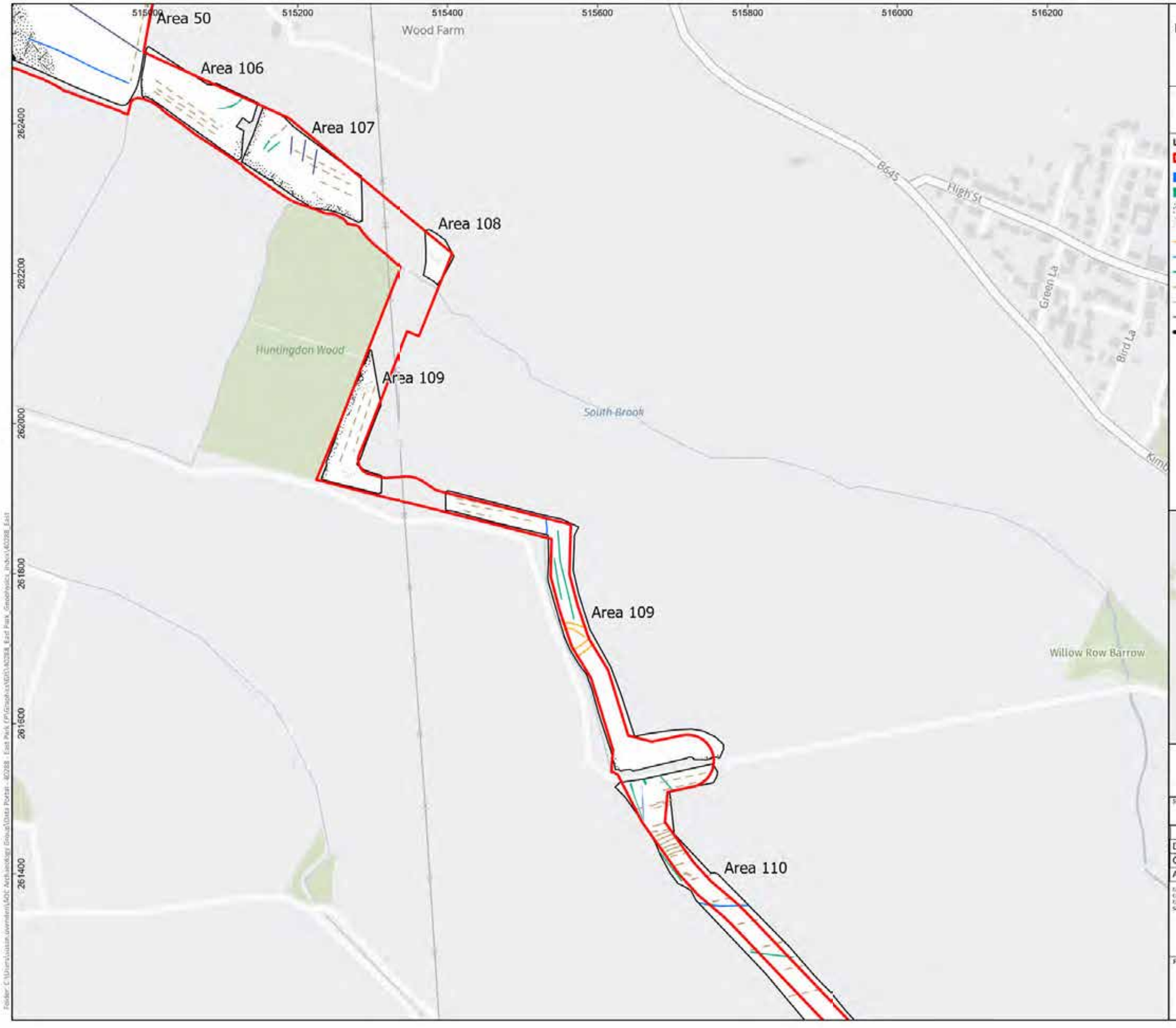
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

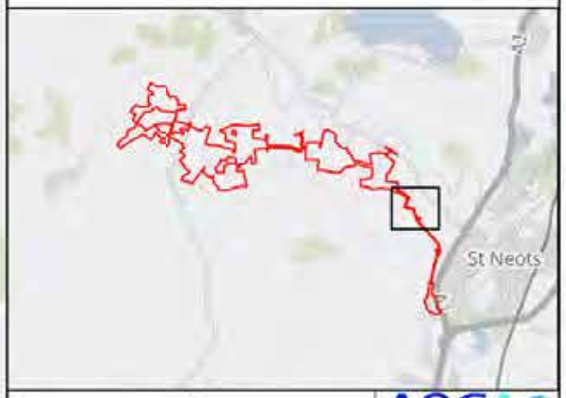
Figure 4.15

Interpretation of Processed Gradiometer Data - Overview



Legend

- Red Line Boundary
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)



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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.16

Interpretation of Processed Gradiometer Data - Overview

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Historic Feature)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Service)

0 200 m

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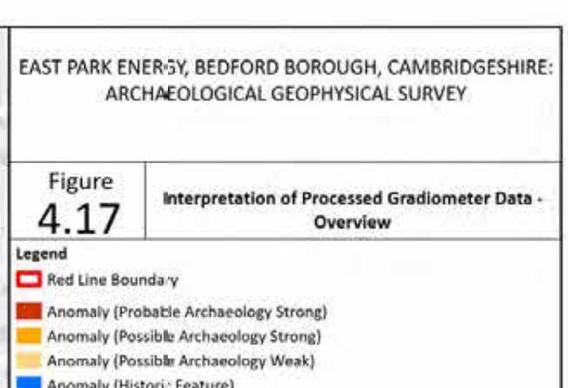
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 4.17

Interpretation of Processed Gradiometer Data - Overview

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Spread (Geology, Natural)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Service)



0 200 m

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Area 114

Area 115

Area 115

Cobholden Farm

Bushmead Primary School

Religious Grounds

Public Park Or Garden

Eaton Socon

Nelson Lodge

Bushmead Rd

Peer Rd

Monarch Rd

Queens Gdns

Dukes Rd

Nelson Rd

Great North Road

B1428

A1

515600 515800 516000 516200 516400 516600 516800

259800 259600 259400 259200 259000 258800

506850 506900 506950 507000 507050 507100 507150 507200 507250

265950 265900 265850 265800 265750 265700 265650 265600

Area 34

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.1

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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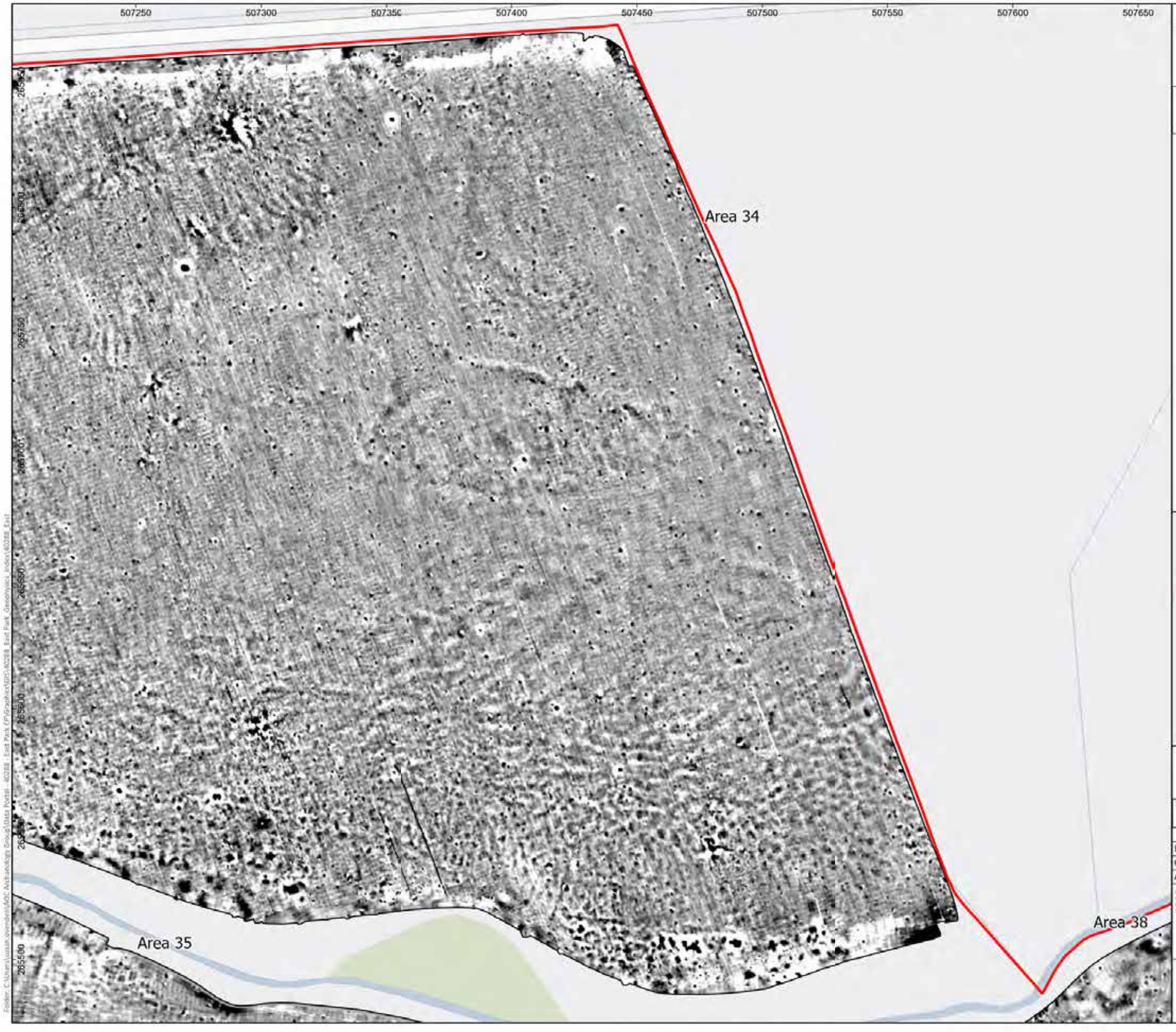
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.2

Processed Gradiometer Data – Greyscale Plot - Detailed



2nT
-1nT

0 40 m

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Datum: OSGB 1936

Scale: 1:1,500
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506800 506850 506900 506950 507000 507050 507100 507150 507200

265600 265550 265500 265450 265400 265350 265300 265250

Area 34
Area 35
Area 36
Area 37
Area 39

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.3

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT
-1nT

0 40 m

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Scale: 1:1,500
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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.4

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.5	Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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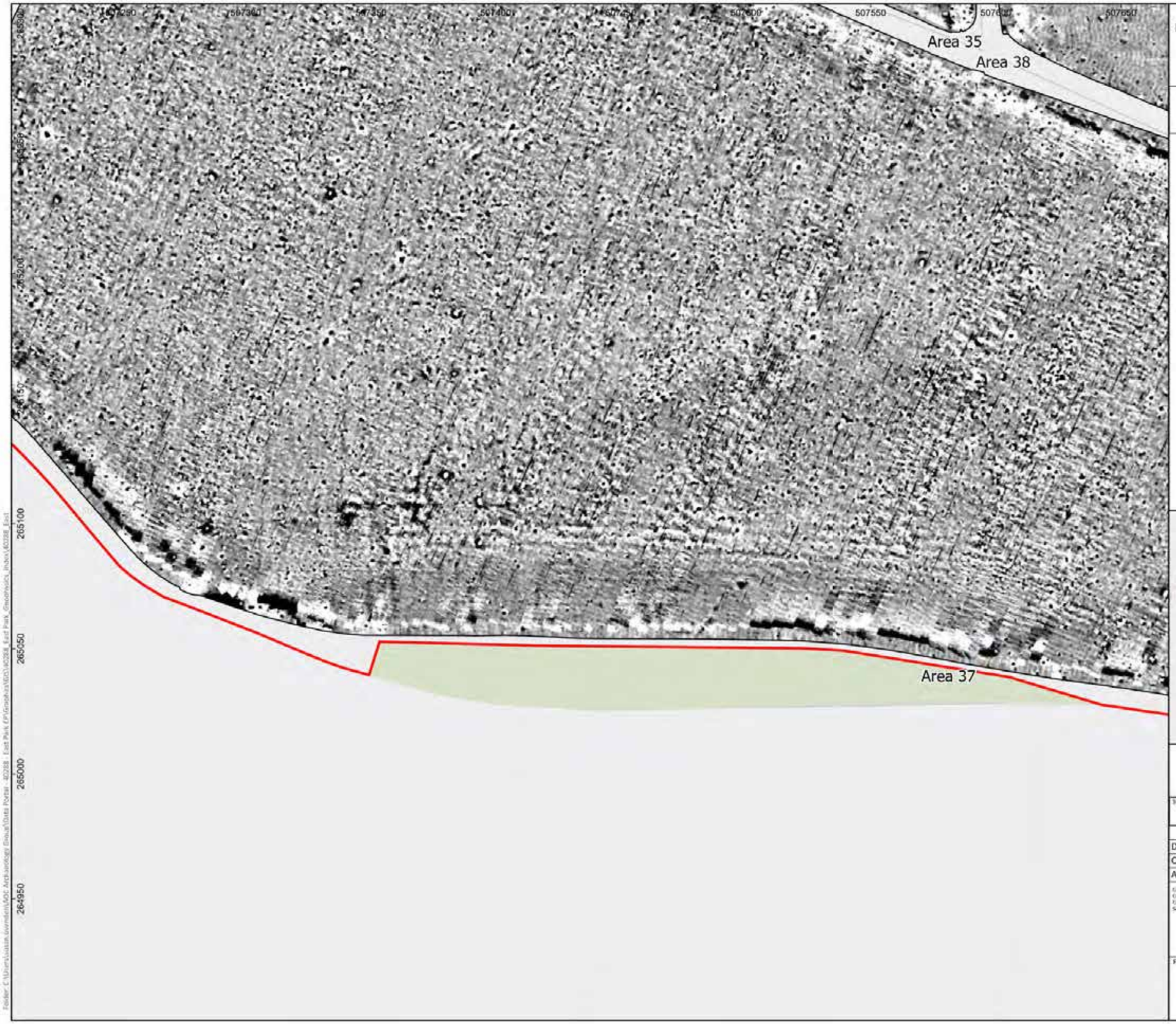

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.6

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Figure 5.7

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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506450 506500 506550 506600 506650 506700 506750 506800 506850

265300 265250 265200 265150 265100 265050 265000 264950

Area 36

Area 39

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.8

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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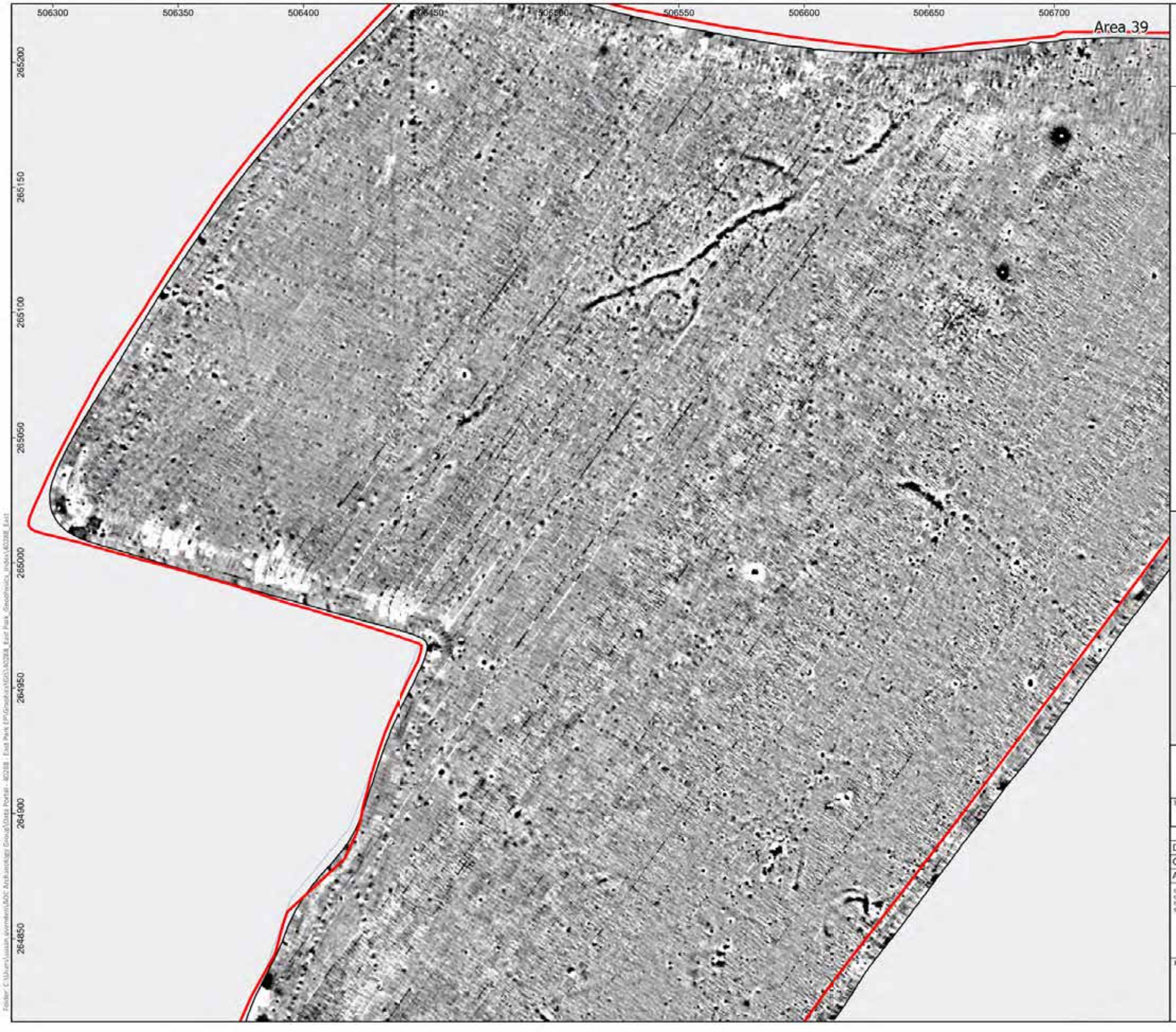

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.9

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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506300 506350 506400 506450 506500 506550 506600 506650 506700

264950 264900 264850 264800 264750 264700 264650 264600

Area 39

Area 41

Middle Lod

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.10

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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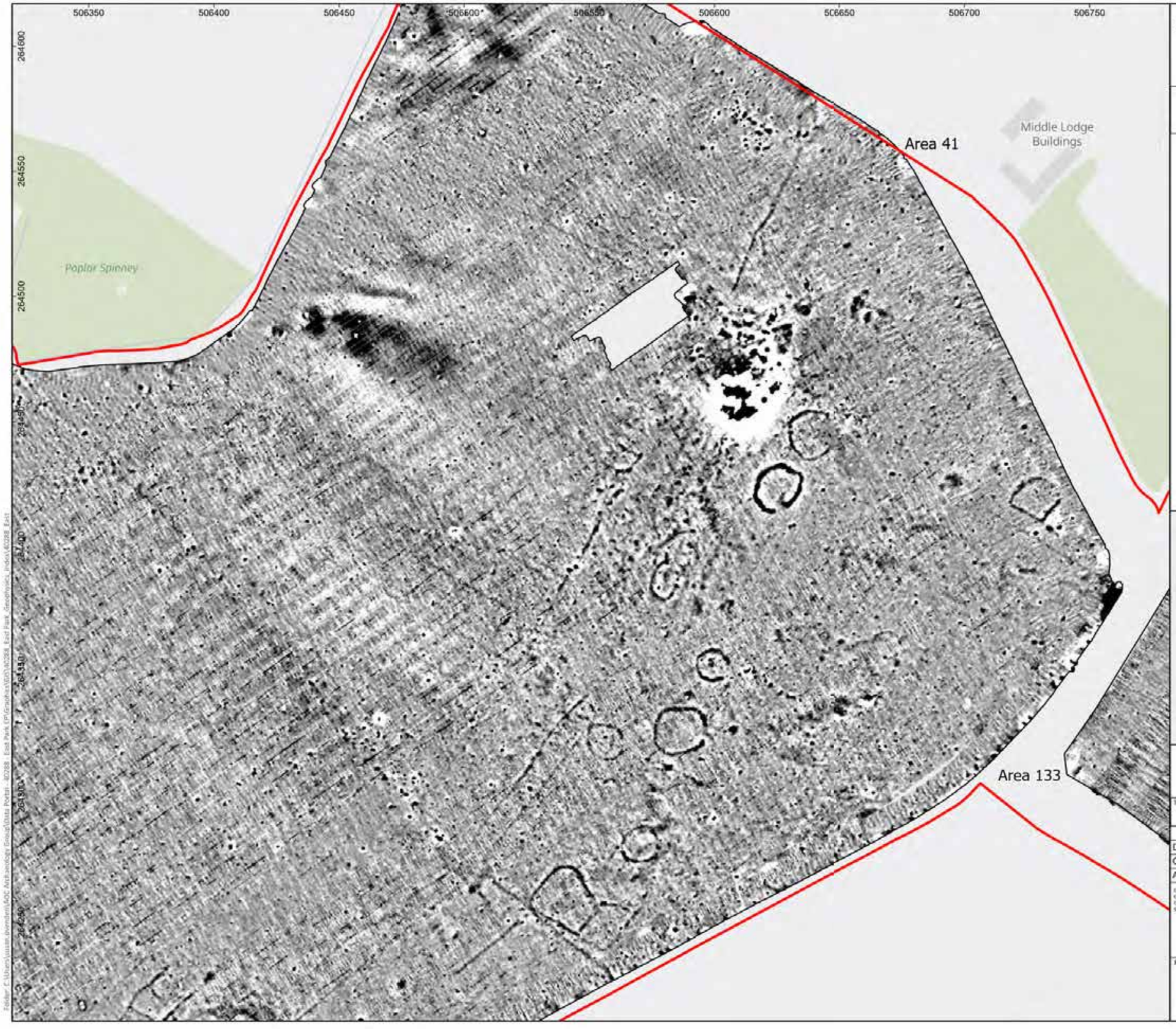
Figure 5.11

Processed Gradiometer Data – Greyscale Plot - Detailed



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-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.12

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Scale: 1:1,500

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.13

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Datum: OSGB 1936

Scale: 1:1,500

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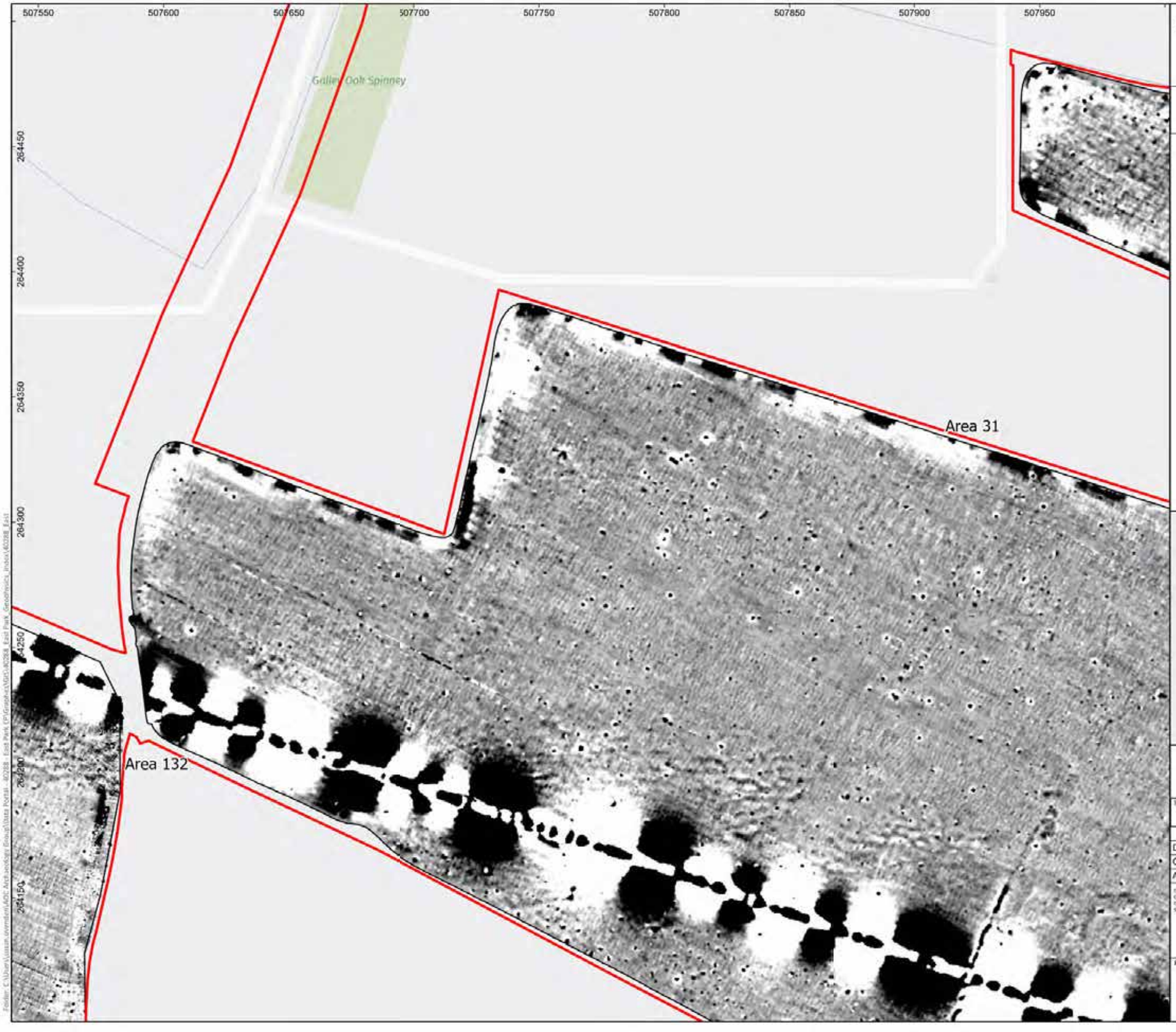
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.14

Processed Gradiometer Data – Greyscale Plot - Detailed



2nT

-1nT

0 40 m

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Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A3

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.15

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.16

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

Area 7

Area 8

0 40 m

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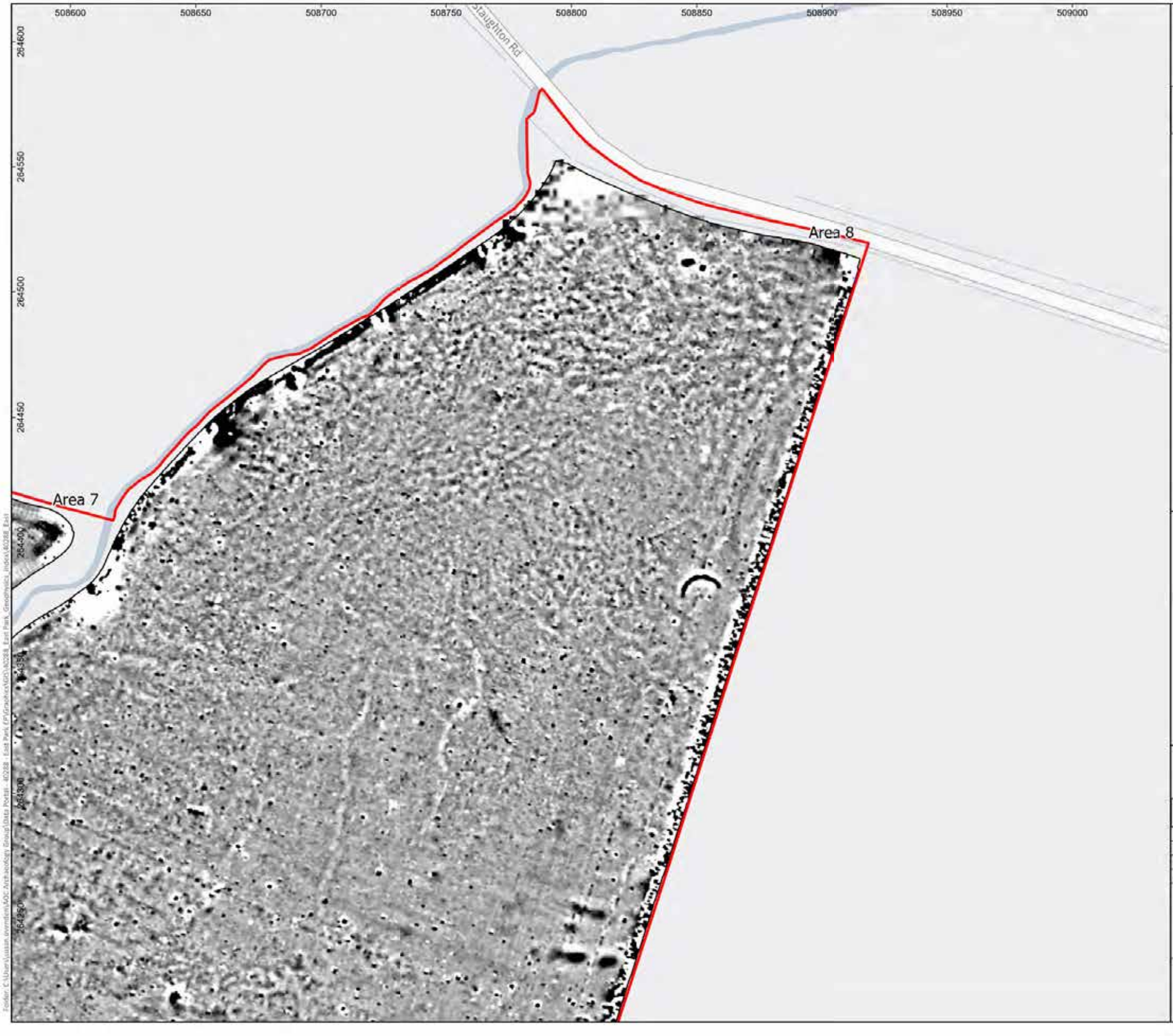

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.17

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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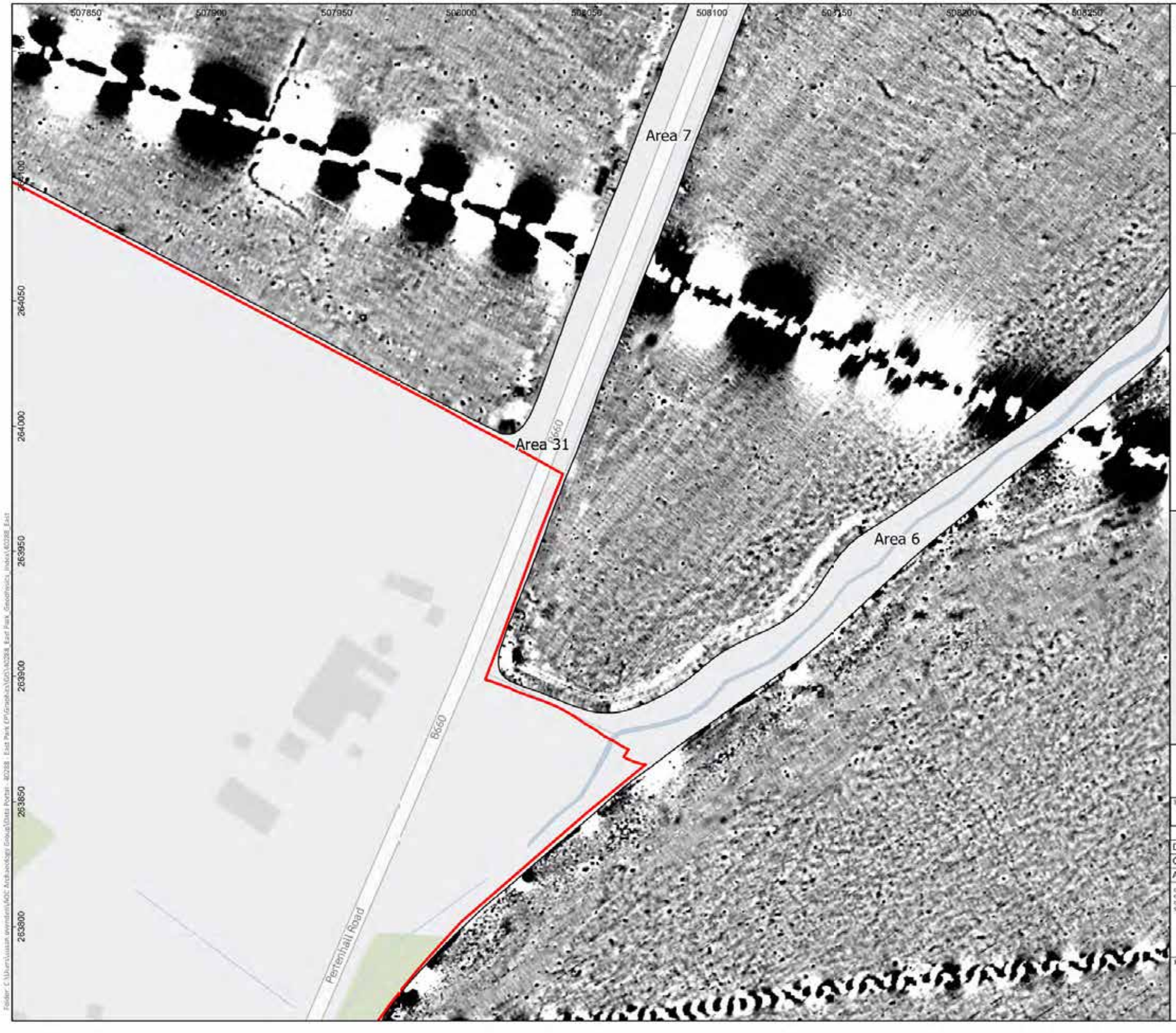
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.18

Processed Gradiometer Data – Greyscale Plot - Detailed



2nT

-1nT

0 40 m

N

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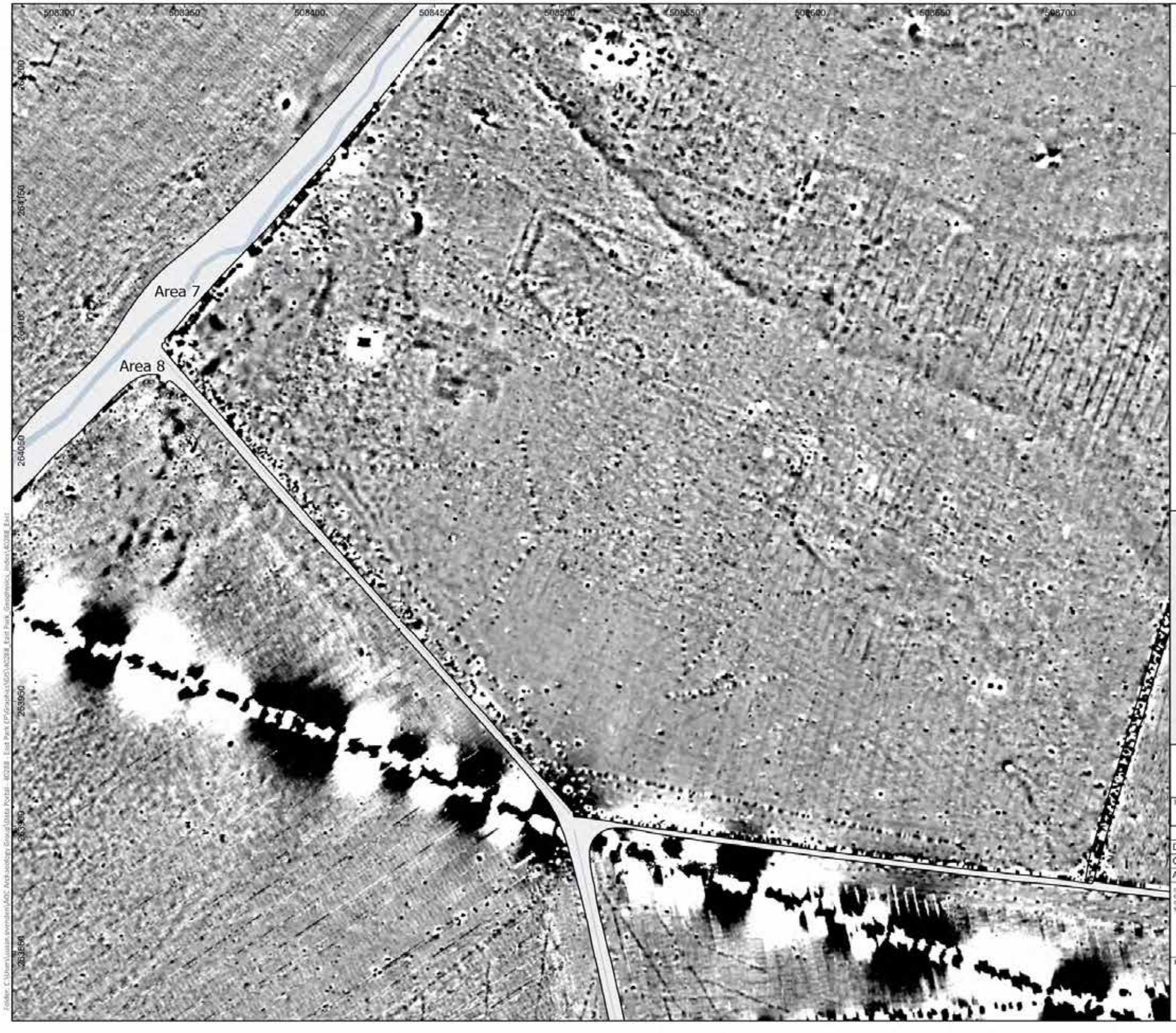
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.19

Processed Gradiometer Data – Greyscale Plot - Detailed



2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.20

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.21

Processed Gradiometer Data – Greyscale Plot - Detailed

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.22

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.23

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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509100 509150 509200 509250 509300 509350 509400 509450 509500

263900 263850 263800 263750 263700 263650 263600

Area 10

Area 11

Area 12

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.24

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.25

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT
-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.26

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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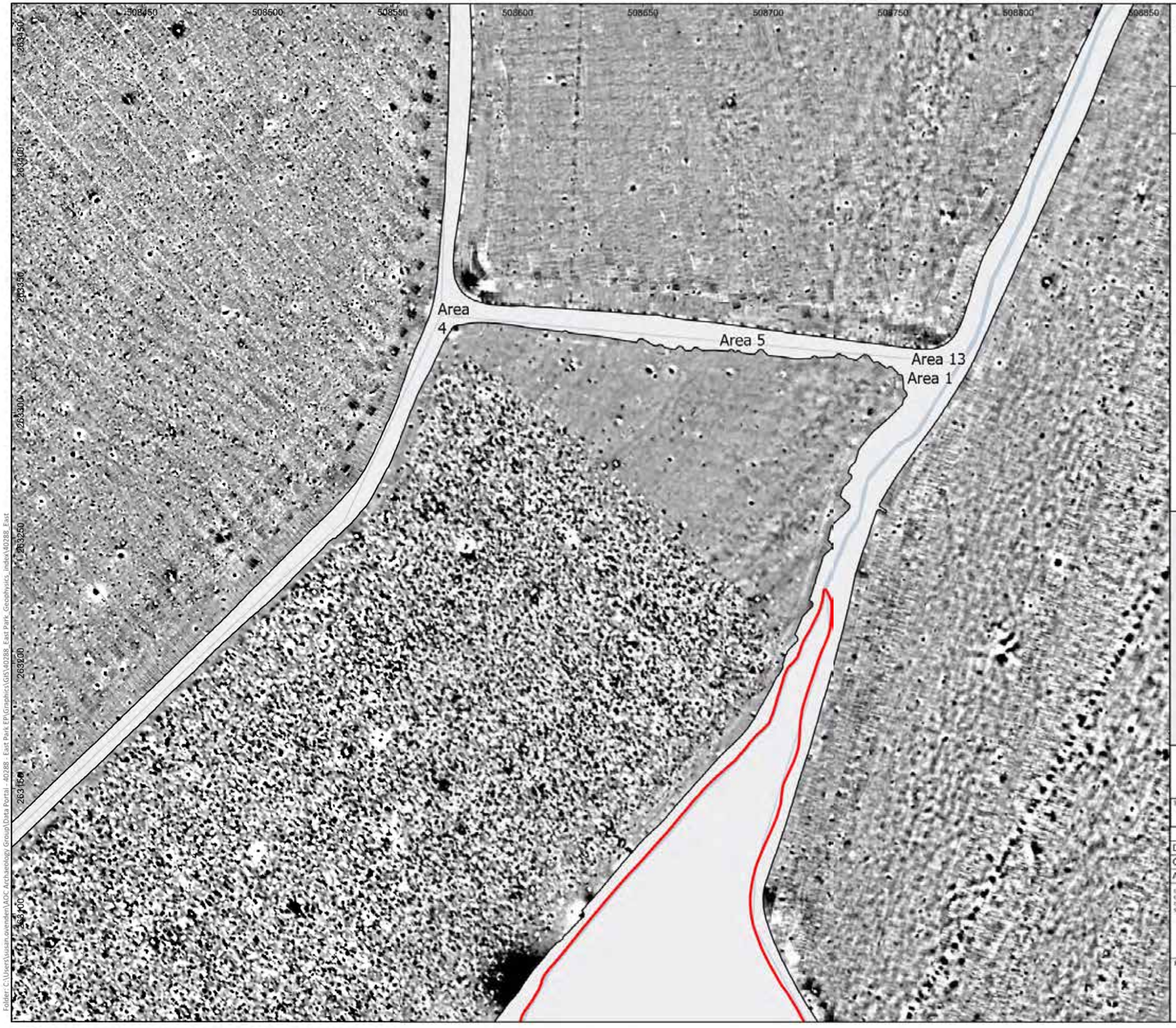

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.27

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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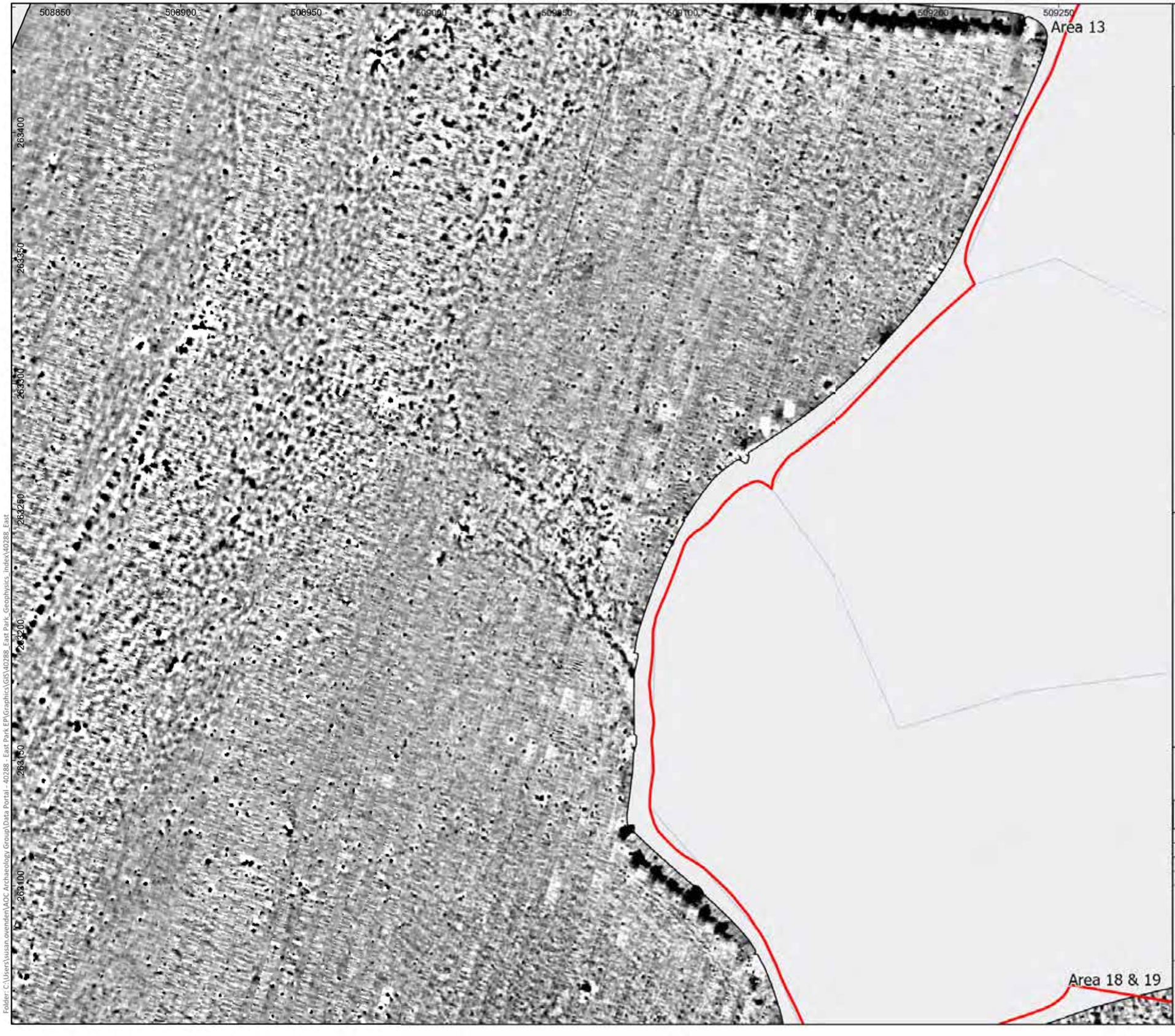

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.28

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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509350 509400 509450 509500 509550 509600 509650 509700 509750

263400 263350 263300 263250 263200 263150 263100

Lodge Farm

Area 14

Area 15

Area 16a

Area 17

Area 18 & 19

Area 32

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.29

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.30

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT
-1nT

0 40 m

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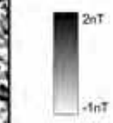
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.31

Processed Gradiometer Data – Greyscale Plot - Detailed



0 40 m

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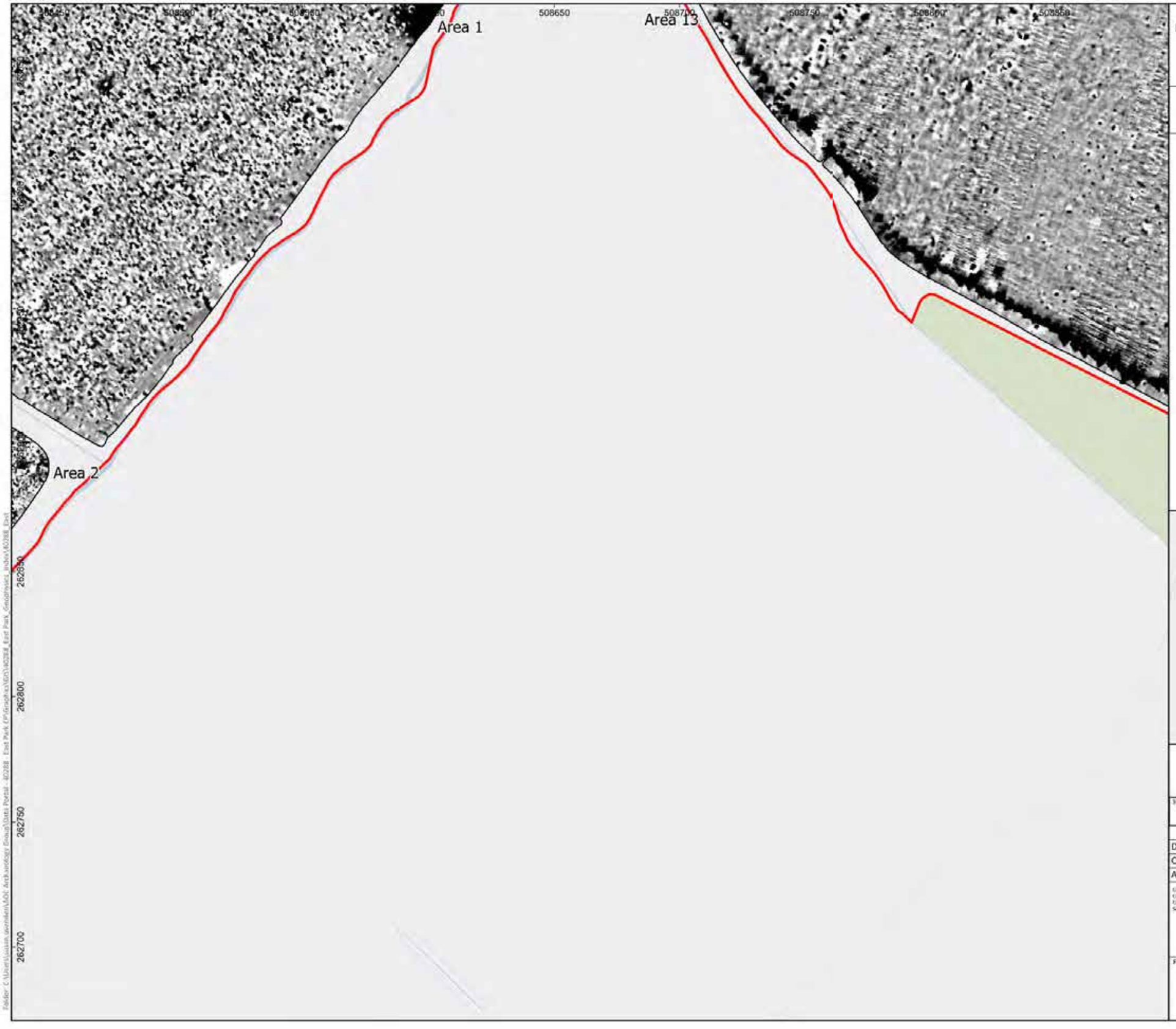

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.32

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A3

Drawing Number: 05/40288/GEO/4.32

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.33

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A4

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Area 15

Area 32

Area 17

Area 20

Area 18 & 19

Area 33

509350 509450 509550 509650 509750

263050 263000 262950 262900 262850 262800 262750 262700

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.34

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A4

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509800
509850
509900
509950
510000
510050
510100
510150
510200
263000
262950
262900
262850
262800
262750
262700
262650
Area 33
Area 32

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.35

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT
-1nT

0 40 m

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Datum: OSGB 1936

Scale: 1:1,500
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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.36

Processed Gradiometer Data – Greyscale Plot - Detailed

0 40 m

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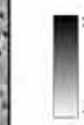
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.37

Processed Gradiometer Data – Greyscale Plot - Detailed



0 40 m

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509300 509350 509400 509450 509500 509550 509600 509650 509700

264600 264550 264500 264450 264400 264350 264300 264250

Area 27

Area 30

Staughton Rd

Area 29

Staughton Rd

The Kar

Area 21

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.38

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.39

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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510200 510250 510300 510350 510400 510450 510500 510550 510600

264600 264550 264500 264450 264400 264350 264300 264250

Area-28

New Farm

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.40

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.41

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

Area 27

Area 28

Area 29

Area 21

Area 22

509700

509750

509800

509850

509900

509950

510000

510050

510100

264250

264200

264150

264100

264050

264000

263950

263900

0 40 m

N

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510150 510200 510250 510300 510350 510400 510450 510500 510550

264200 264150 264100 264050 264000 263950 263900

New Farm

Area 22

Area 23

Area 24

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.42

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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510400 510450 510500 510550 510600 510650 510700 510750 510800

264150 264100 264050 264000 263950 263900 263850 263800

Area 23

Area 24

Area 102

Area 22

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.43

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 N 40 m

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509750 509800 509850 509900 509950 510000 510050 510100 510150

263900 263850 263800 263750 263700 263650 263600 263550

Area 11

Area 21

Area 22

Area 26

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.44

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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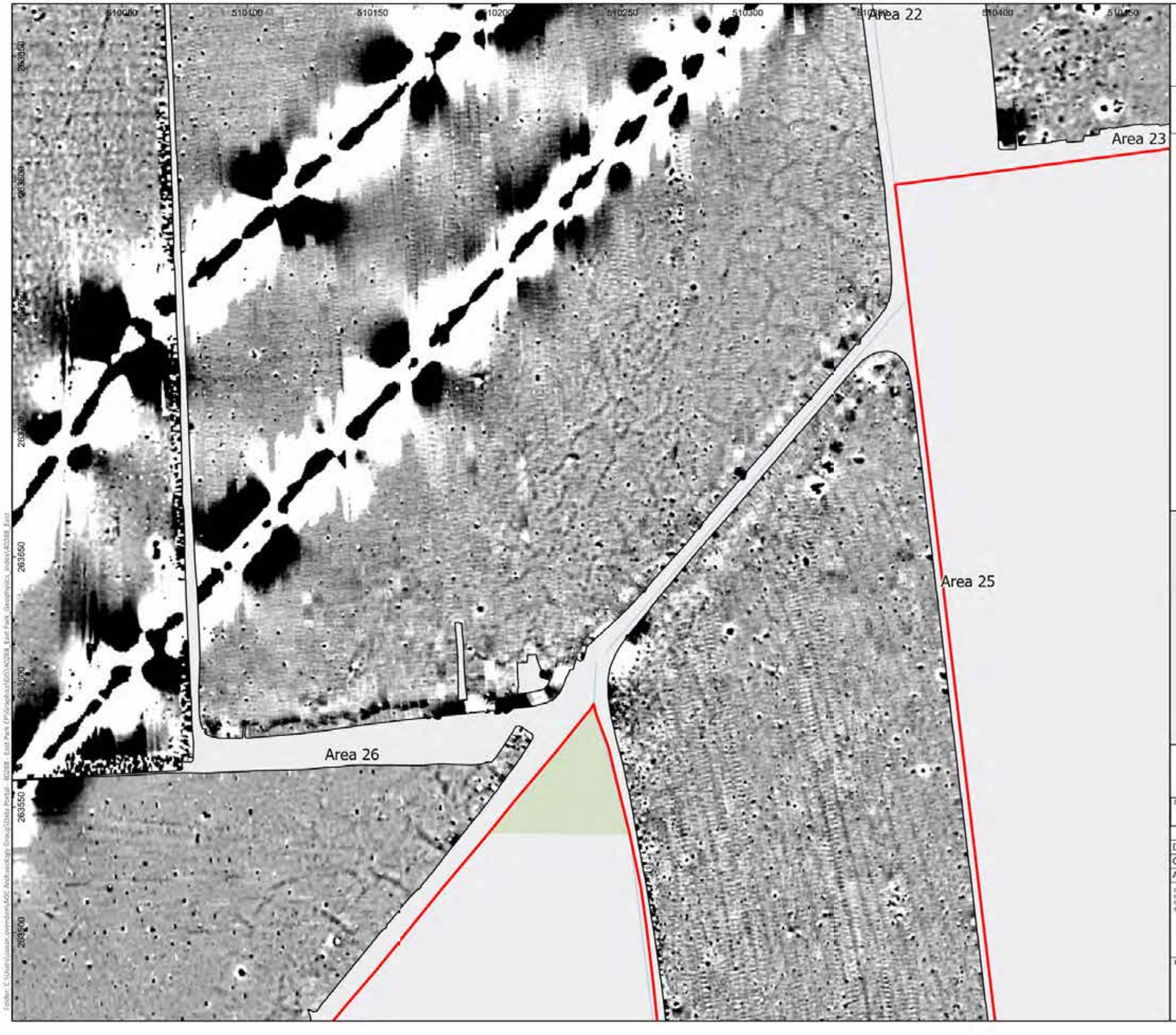
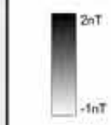
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.45

Processed Gradiometer Data – Greyscale Plot - Detailed





0 40 m

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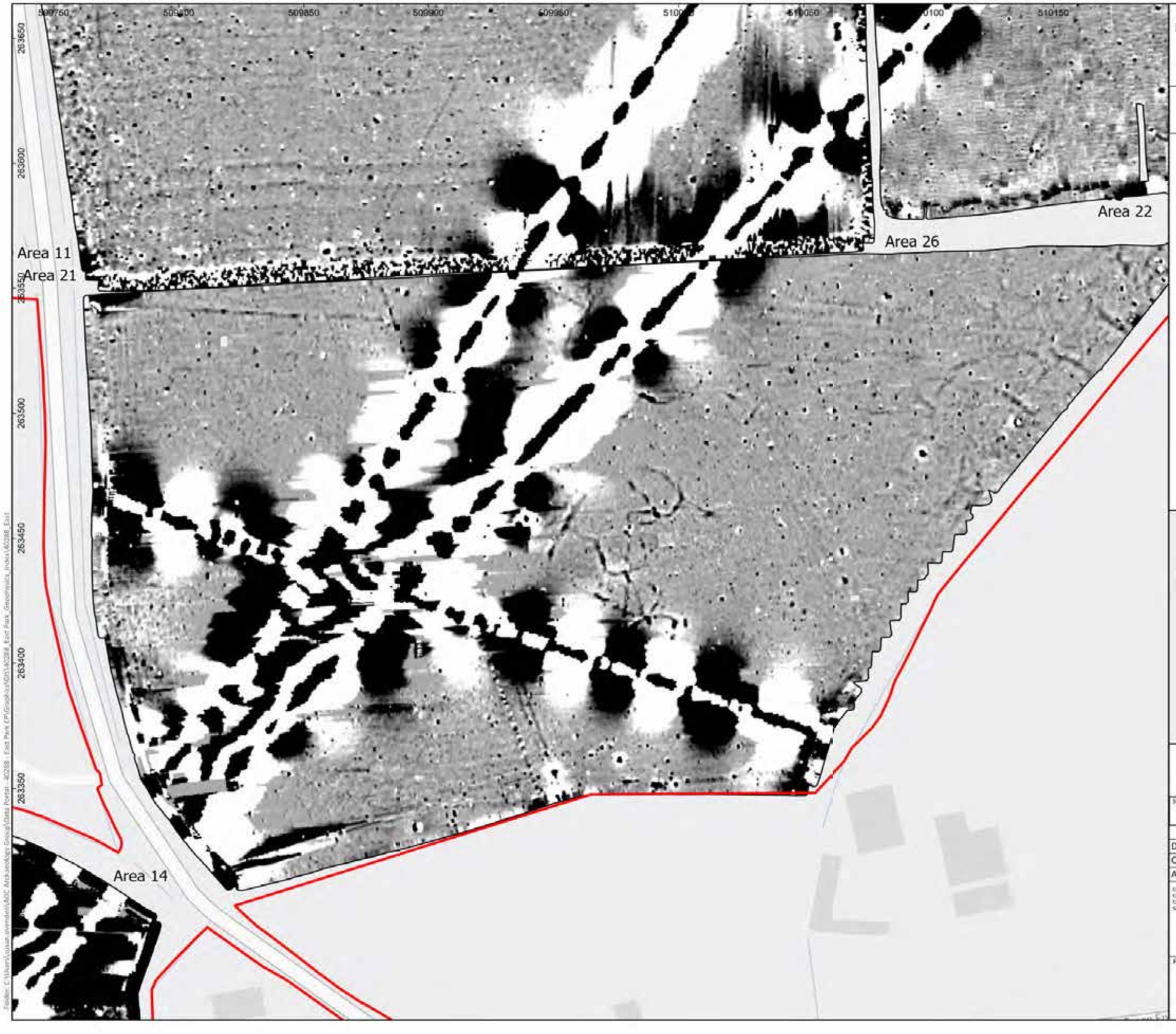

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.46

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.47

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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512550 512600 512650 512700 512750 512800 512850 512900 512950

264450 264400 264350 264300 264250 264200 264150 264100

Area 42

Area 44

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.48

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.49

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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513000 513050 513100 513150 513200 513250 513300 513350 513400

263850 263800 263750 263700

Area 44

Area 46

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.50

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.51

Processed Gradiometer Data – Greyscale Plot - Detailed

Area 44

Area 46

Area 43

2nT

-1nT

263750
263700
263650
263600
263550
263500
263450

0 40 m

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500
Page Size: @ A4

Drawing Number: 05/40288/GEO/4.51

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513250 513300 513350 513400 513450 513500 513550 513600 513650

263700 263650 263600 263550 263500 263450 263400

Area 46

Area 47

Area 105

Area 43

Rushey R

Moor Rd

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.52

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Datum: OSGB 1936

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Page Size: @ A4

Drawing Number: 05/40288/GEO/4.52

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.53

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A4

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Area 66

Area 65

Area 43

512500 512550 512600 512650 512700 512750 512800 512850 512900

263800 263750 263700 263650 263600 263550 263500

Yew Wood

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.54

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A4

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.55

Processed Gradiometer Data – Greyscale Plot - Detailed

0 40 m

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Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500
Page Size: @ A4

Drawing Number: 05/40288/GEO/4.55

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.56

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

Area 46

Area 43

Area 47

Moor Rd

512950 513000 513050 513100 513150 513200 513250 513300

263200 263150 263100 263050

0 40 m

N

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Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A4

Drawing Number: 05/40288/GEO/4.56

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Area 43

Area 65

512400 512450 512500 512550 512600 512650 512700 512750 512800

263450 263400 263350 263300 263250 263200 263150 263100

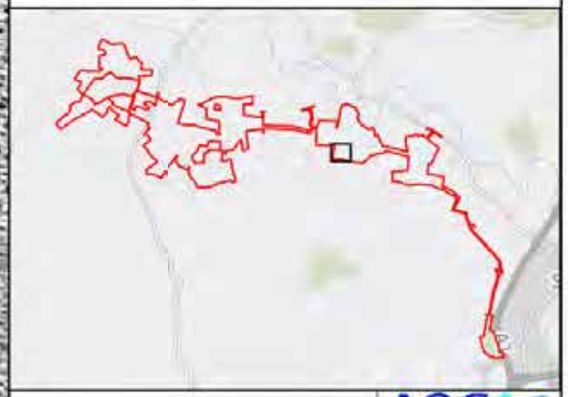
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.57

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT



0 40 m

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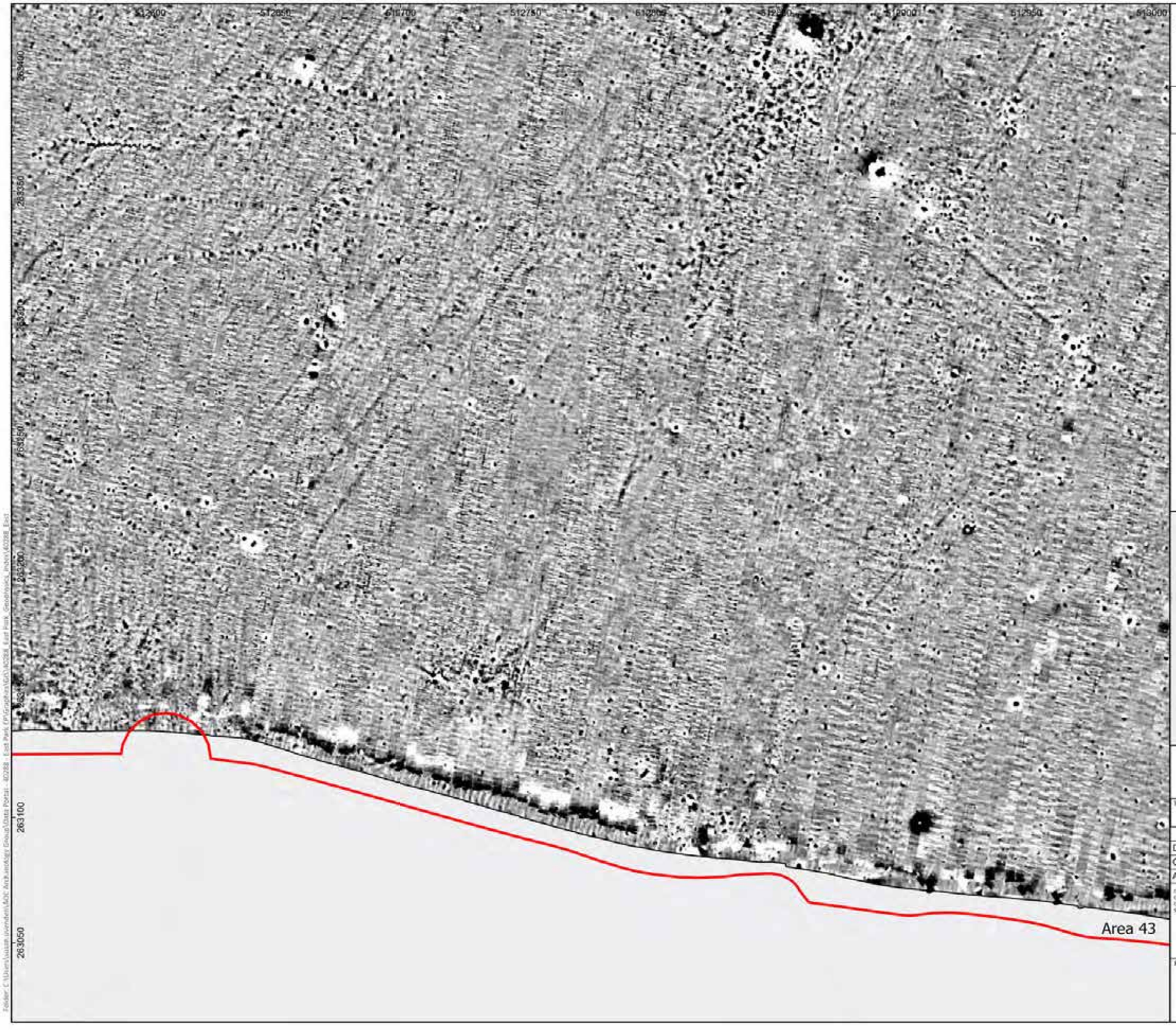
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.58

Processed Gradiometer Data – Greyscale Plot - Detailed



0 40 m

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Datum: OSGB 1936

Scale: 1:1,500
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514150 514200 514250 514300 514350 514400 514450 514500 514550

263750 263700 263650 263600 263550 263500 263450 263400

Area 52

Area 51

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.59

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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Datum: OSGB 1936

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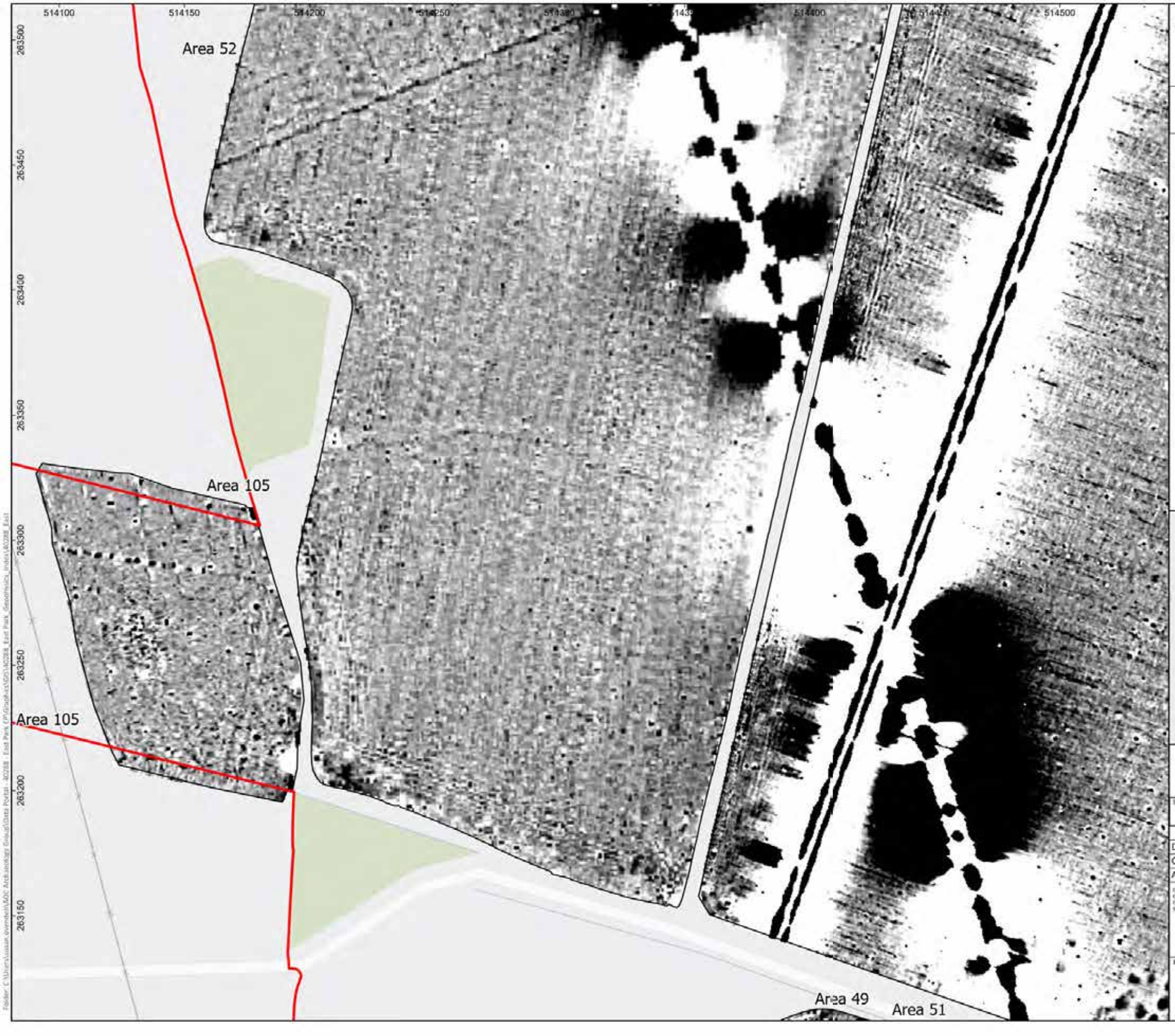
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.60

Processed Gradiometer Data – Greyscale Plot - Detailed



2nT

-1nT

0 40 m

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Datum: OSGB 1936

Scale: 1:1,500

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513800 513850 513900 513950 514000 514050 514100 514150 514200

262900 262850 262800 262750 262700 262650 262600 262550

Area 49

Area 48

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.61

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Scale: 1:1,500

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514200 514250 514300 514350 514400 514450 514500 514550 514600

263100 263050 263000 262950 262900 262850

Area 49

Area 51

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.62

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.63

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

514250 514300 514350 514400 514450 514500 514550 514600

262600 262550 262500 262450

Area 49

Area 50

0 40 m

N

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.64

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

514250 514300 514350 514400 514450 514500 514550 514600

262600 262550 262500 262450

Area 49

Area 50

0 40 m

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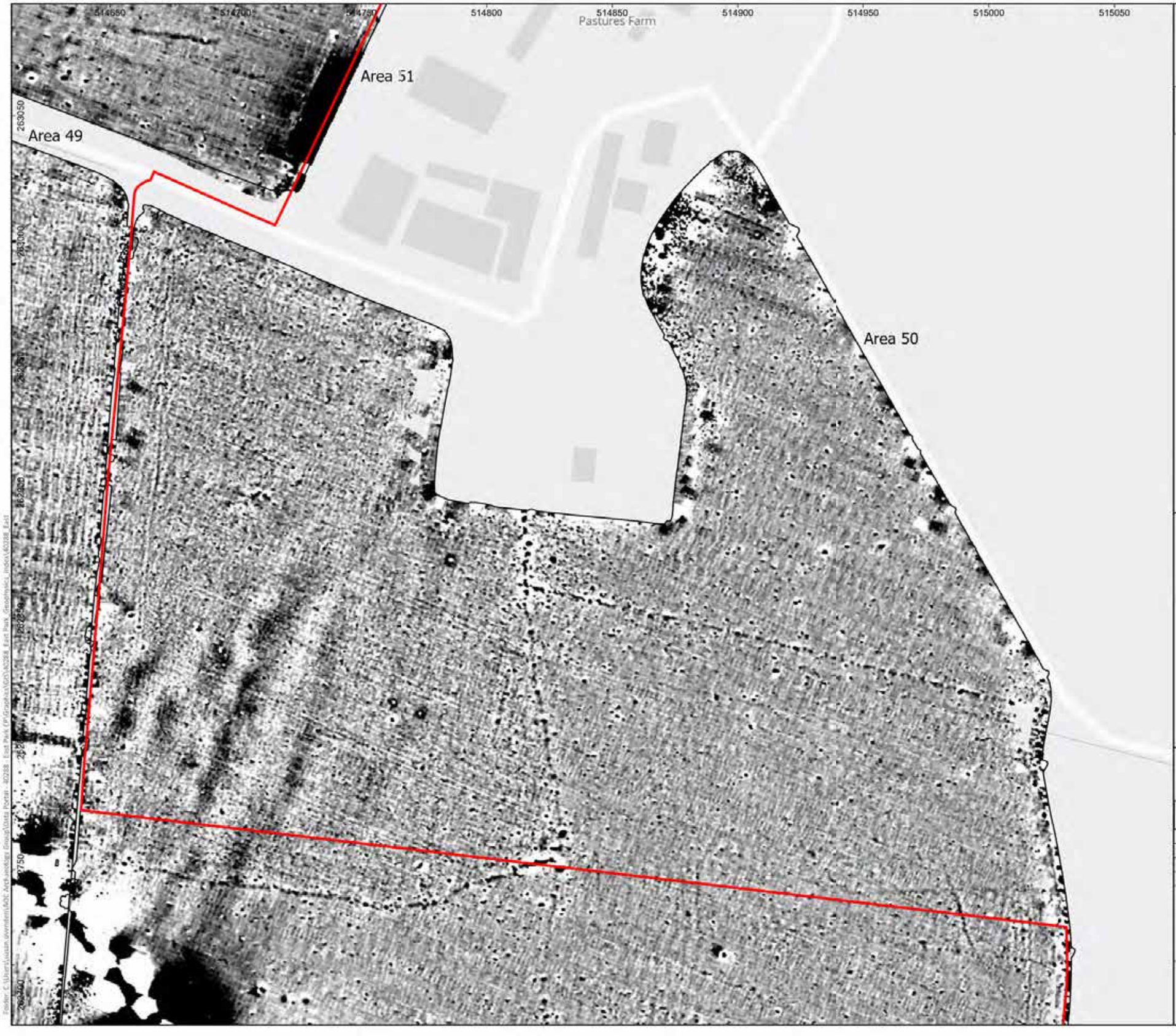

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.65

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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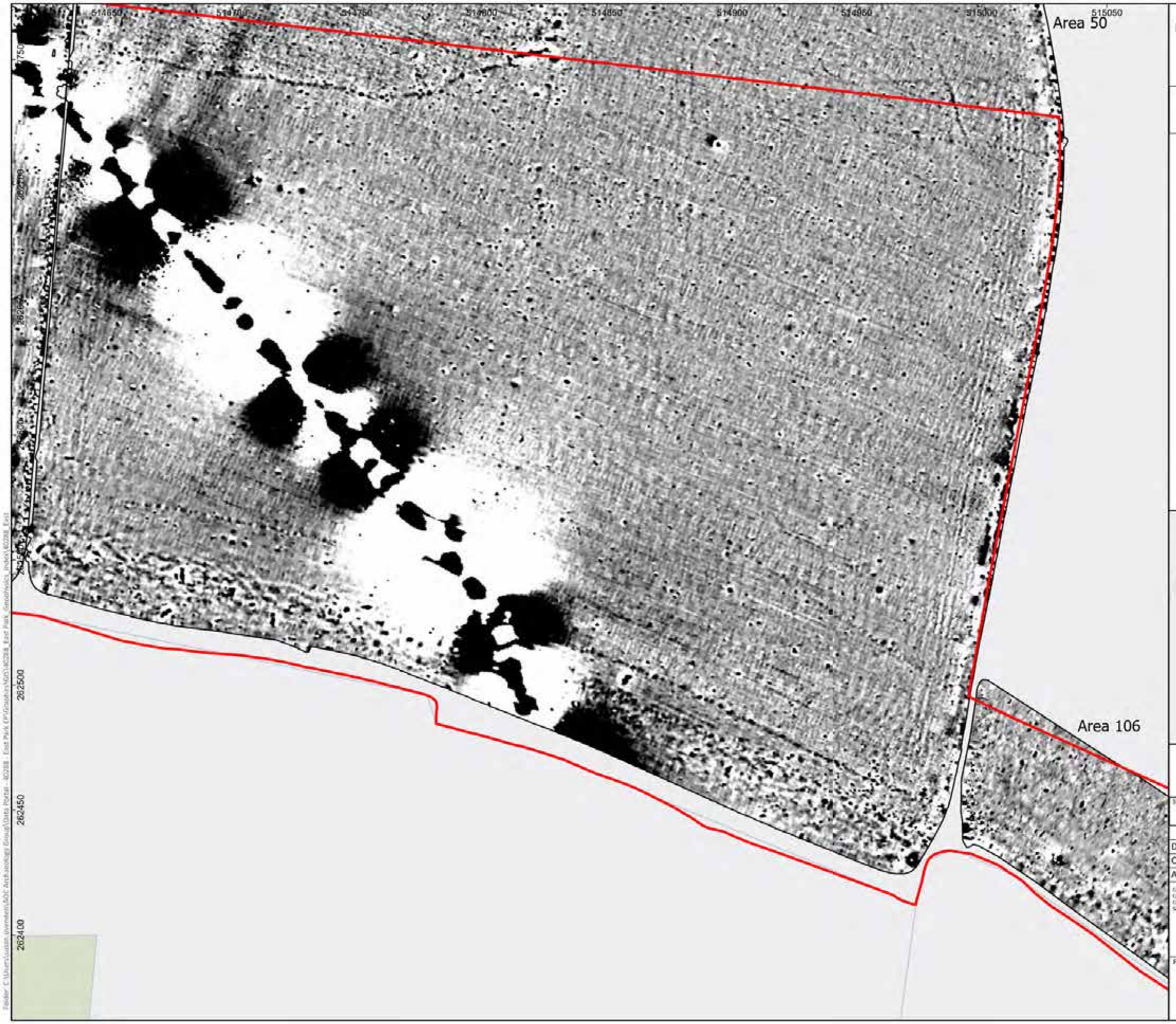

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.66

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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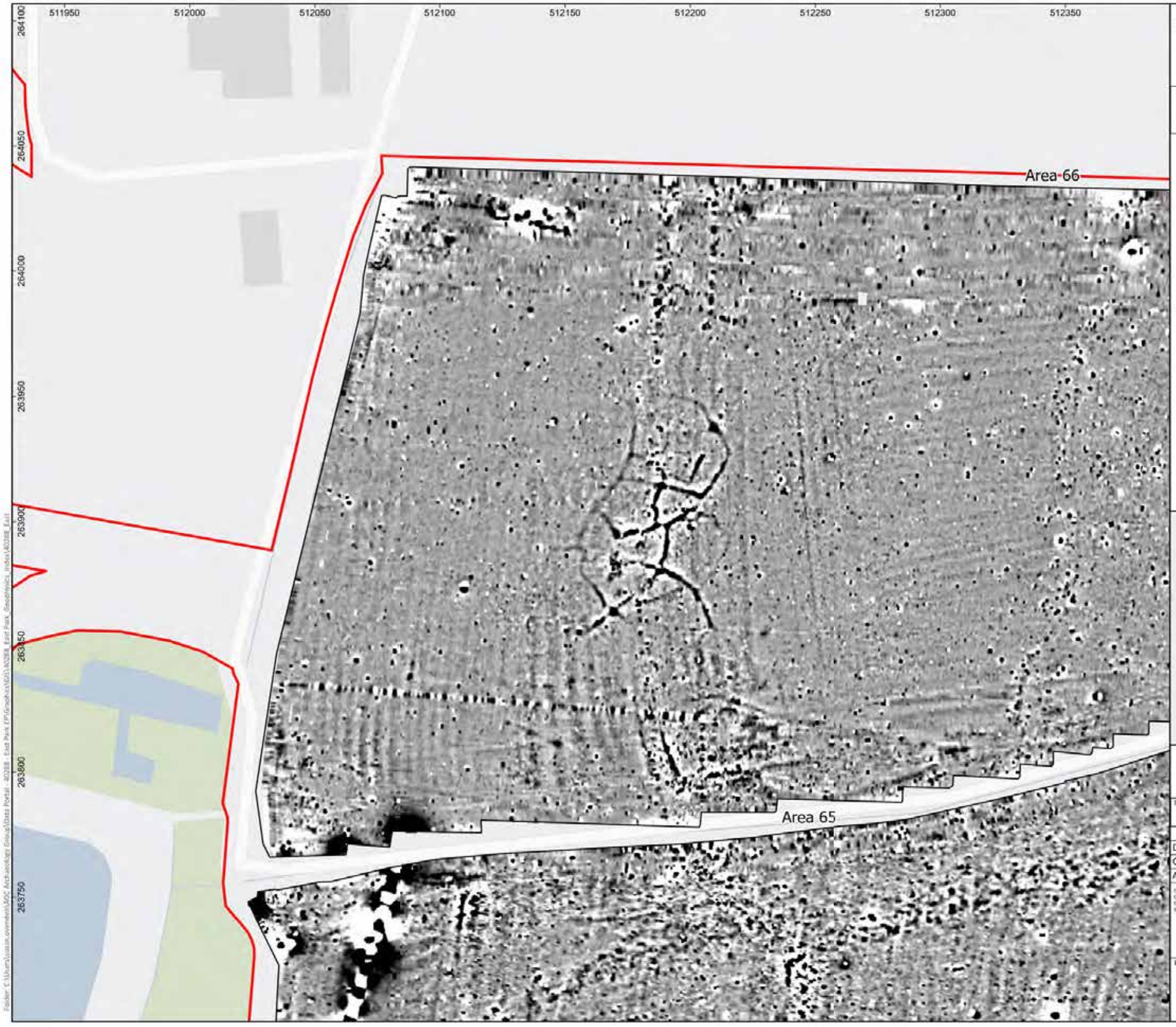
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.67

Processed Gradiometer Data – Greyscale Plot - Detailed



2nT

-1nT

0 40 m

N

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Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A3

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512250 512300 512350 512400 512450 512500 512550 512600 512650

264050 264000 263950 263900 263850

Area 66

Area 42

Area 43

Area 65

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.68

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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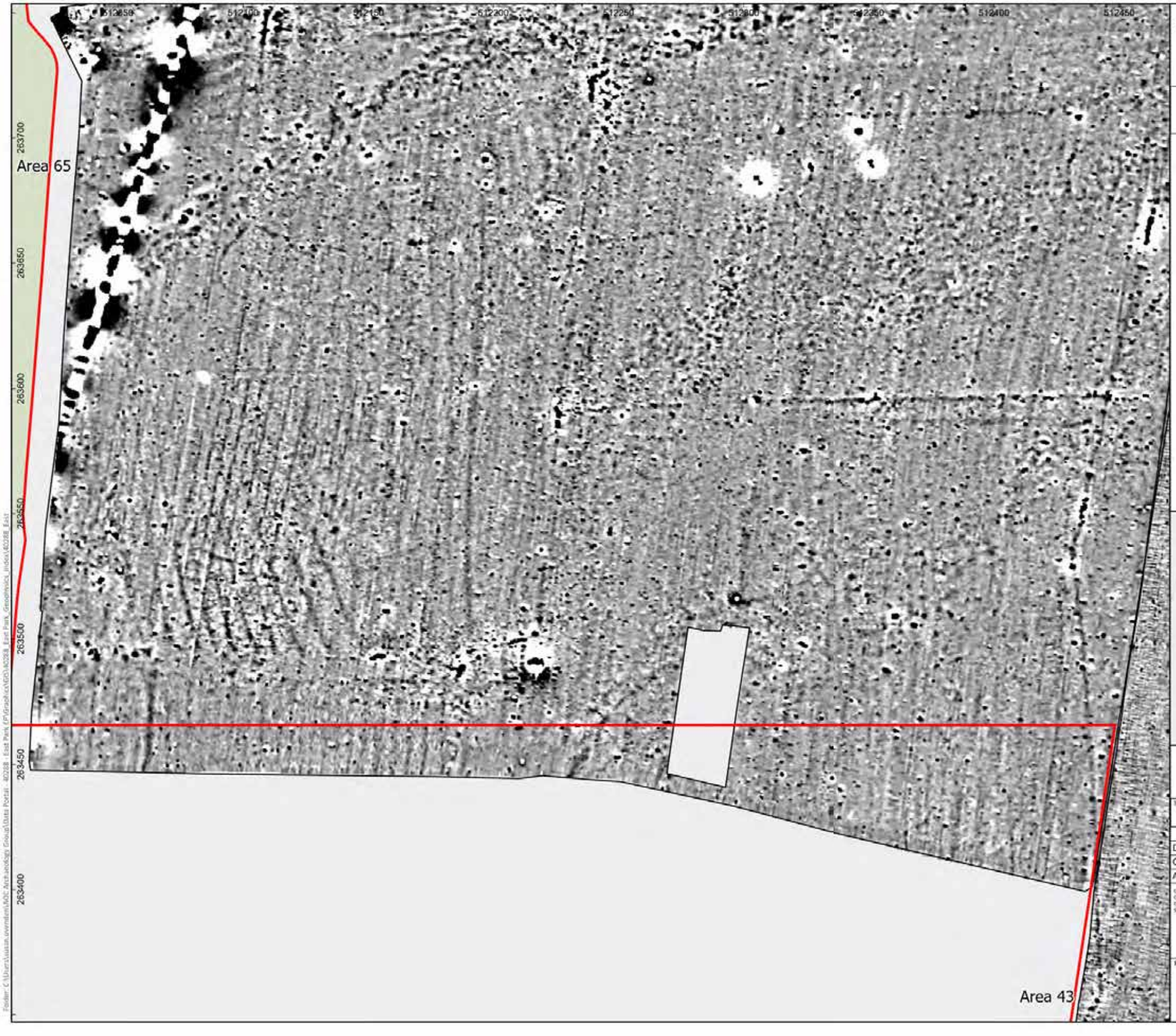
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.69

Processed Gradiometer Data – Greyscale Plot - Detailed



0 40 m

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500
Page Size: @ A4

Drawing Number: 05/40288/GEO/4.69

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514600 514650 514700 514750 514800 514850 514900

263600 263550 263500 263450 263400 263350 263300

Area 51

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.70

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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514500 514550 514600 514650 514700 514750 514800 514850 514900

263300 263100 262900 262700 262500

Area 51

Area 49

Area 50

Pastures Farm

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.71

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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Scale: 1:1,500

Page Size: @ A4

Drawing Number: 05/40288/GEO/4.71

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.72

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

Area 27

Area 30

Area 29

Area 21

Staughton Rd

Staughton Rd

The Kangaroo

509400 509450 509500 509550 509600 509650 509700 509750

264350 264300 264250 264200 264150 264100 264050 264000

0 40 m

N

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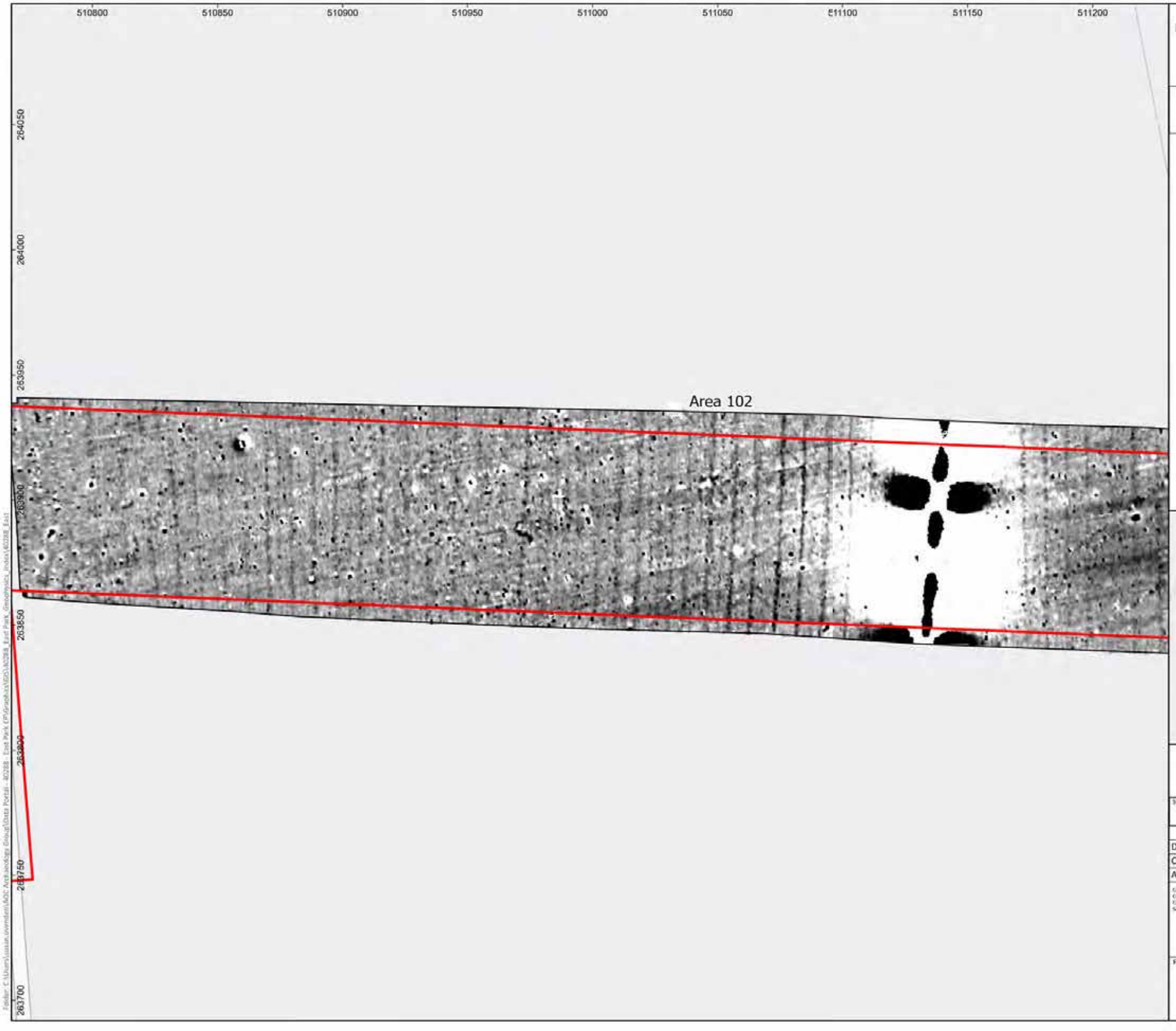
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.73

Processed Gradiometer Data – Greyscale Plot - Detailed



0 40 m

N

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511200 511250 511300 511350 511400 511450 511500 511550 511600

264050 264000 263950 263900 263850 263800 263750 263700

Area 102

Area 103

Area 104

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.74

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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511550 511600 511650 511700 511750 511800 511850 511900 511950

264000 263950 263900 263850 263800 263750 263700 263650

Area 104

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.75

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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513600 513650 513700 513750 513800 513850 513900 513950 514000

263500 263450 263400 263350 263300 263250 263200 263150

Area 47

Area 105

Moor Rd

Roman Field Cottage

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.76

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Drawing Number: 05/40288/GEO/4.76

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513900 513950 514000 514050 514100 514150 514200 514250 514300

263550 263500 263450 263400 263350 263300 263250 263200

Area 52

Area 105

Area 105

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.77

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.78

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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515200 515250 515300 515350 515400 515450 515500 515550 515600

262100 262050 262000 261950 261900 261850 261800 261750

Huntingdon Wood

Area 109

South Brook

Area 109

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.79

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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515500 515550 515600 515650 515700 515750 515800 515850 515900

261750 261700 261650 261600 261550 261500 261450 261400

Area 109

Area 110

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.80

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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515700 515750 515800 515850 515900 515950 516000 516050 516100

261350 261300 261250 261200 261150 261100 261050 261000

Area 110

Area 111

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.81

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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516100 516150 516200 516250 516300 516350 516400 516450 516500

261000 260950 260900 260850 260800 260750 260700 260650

Area 111

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.82

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE:
ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.83

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT
-1nT

516100 516150 516200 516250 516300 516400 516450 516500

260600 260550 260500 260450 260400 260350 260300 260250

Duloe La

Area 111

Area 112

Duloe La

Area 113

0 40 m

N

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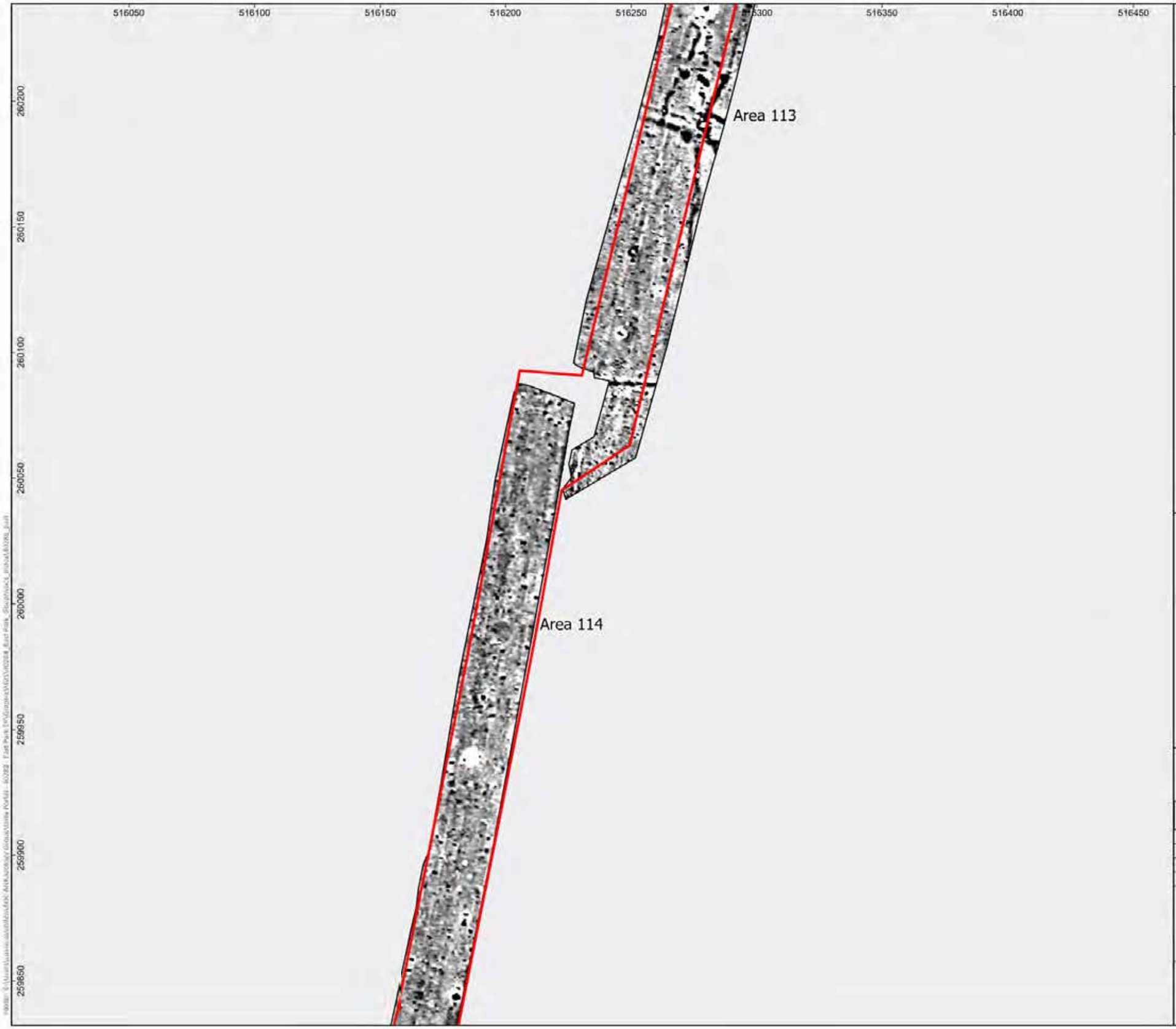

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.84

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

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Drawing Number: 05/40288/GEO/4.84

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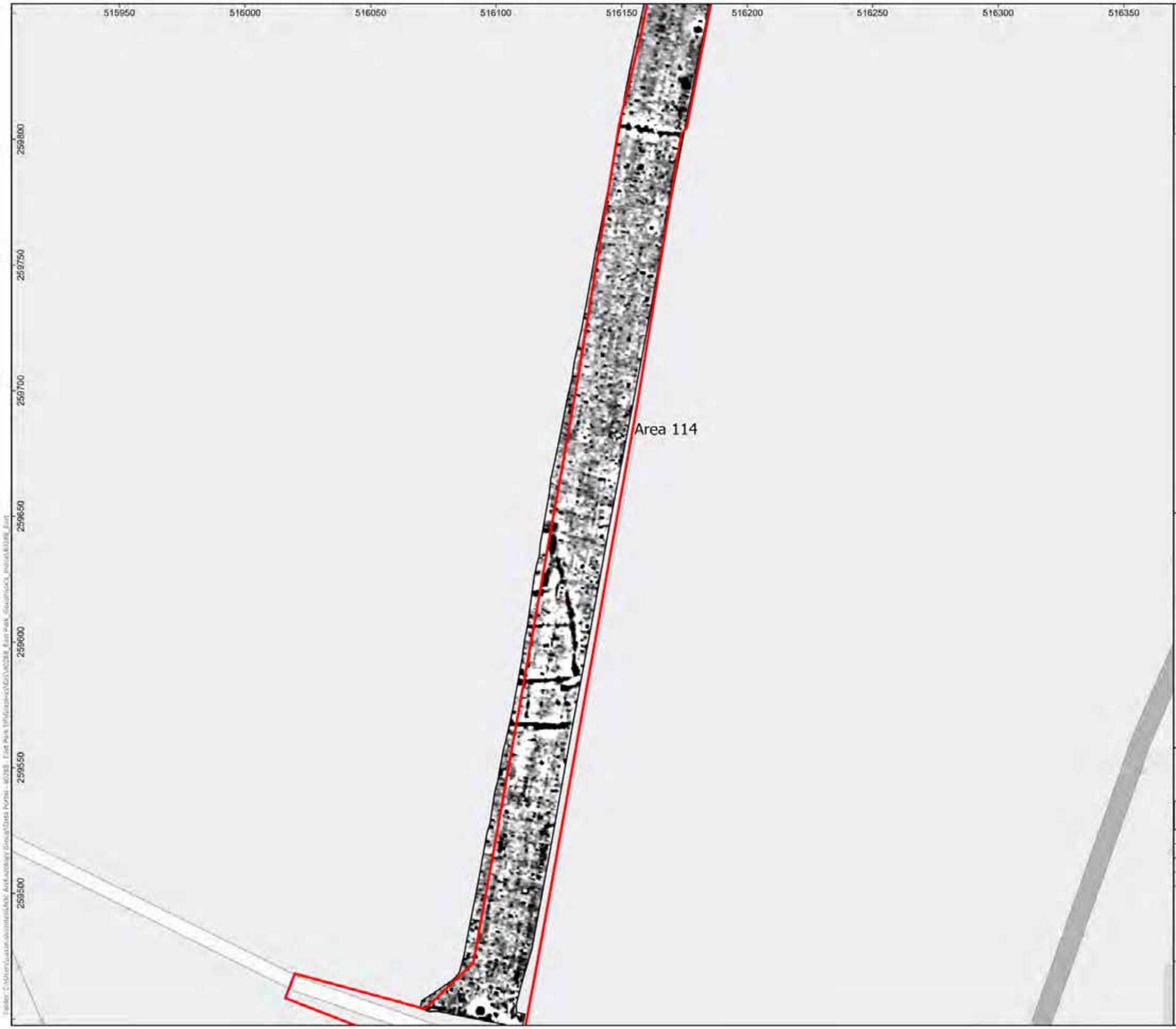

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.85

Processed Gradiometer Data – Greyscale Plot - Detailed

2nT

-1nT

0 40 m

N

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Drawing Number: 05/40288/GEO/4.85

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 5.86

Processed Gradiometer Data – Greyscale Plot - Detailed

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.1

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Drawing Number: 05/40288/GEO/6.1

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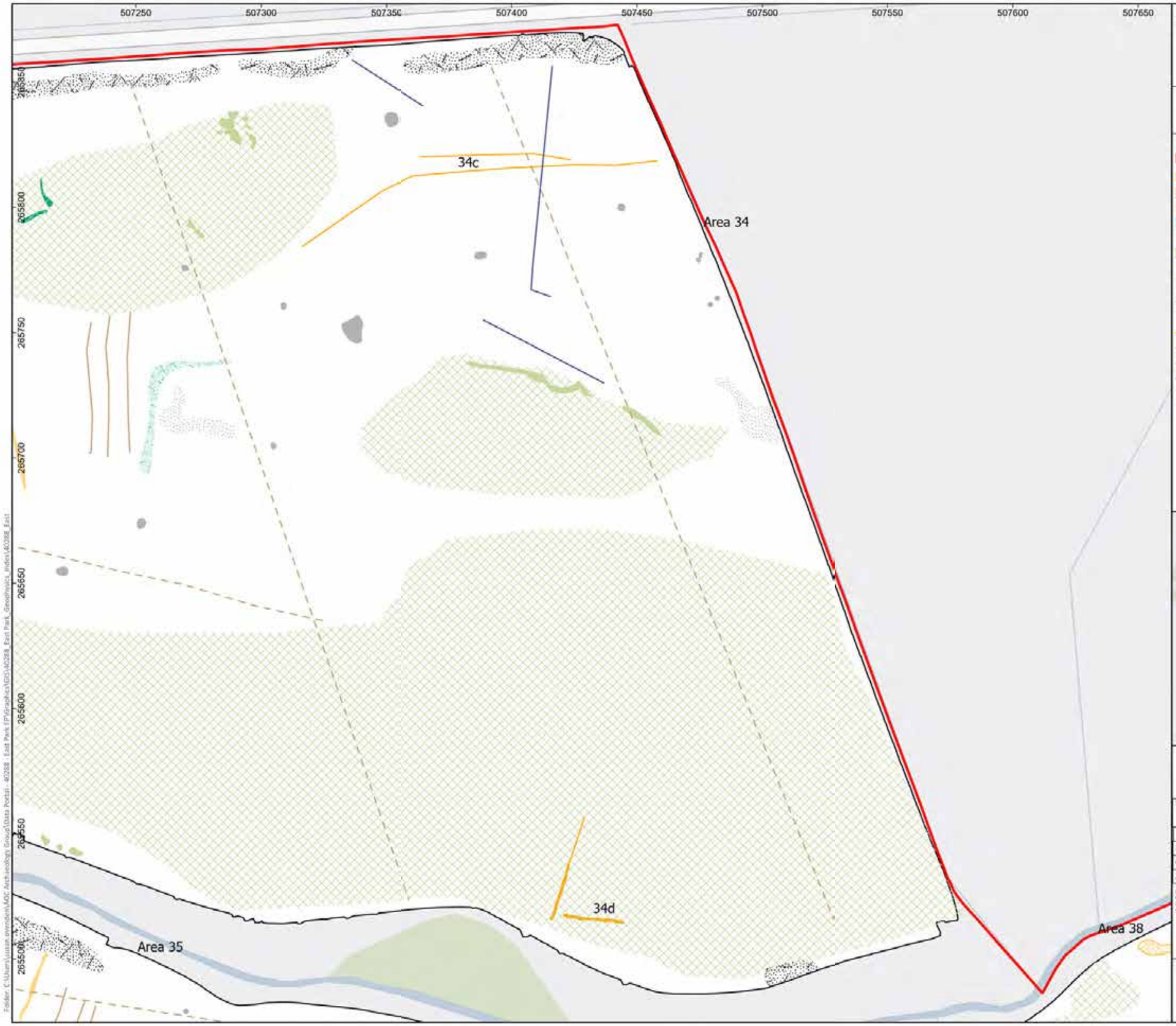
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.2

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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506800 506850 506900 506950 507000 507050 507100 507150 507200

265600 265550 265500 265450 265400 265350 265300 265250

Area 34
Area 35
Area 36
35a
36a
36b
Area 37
Area 39

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.3

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.4

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.5

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 40 m

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507250 507300 507350 507400 507450 507500 507550 507600 507650

265300 265250 265200 265150 265100 265050 265000 264950

Area 35
Area 37
Area 38
37a

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.6

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)

0 40 m

N

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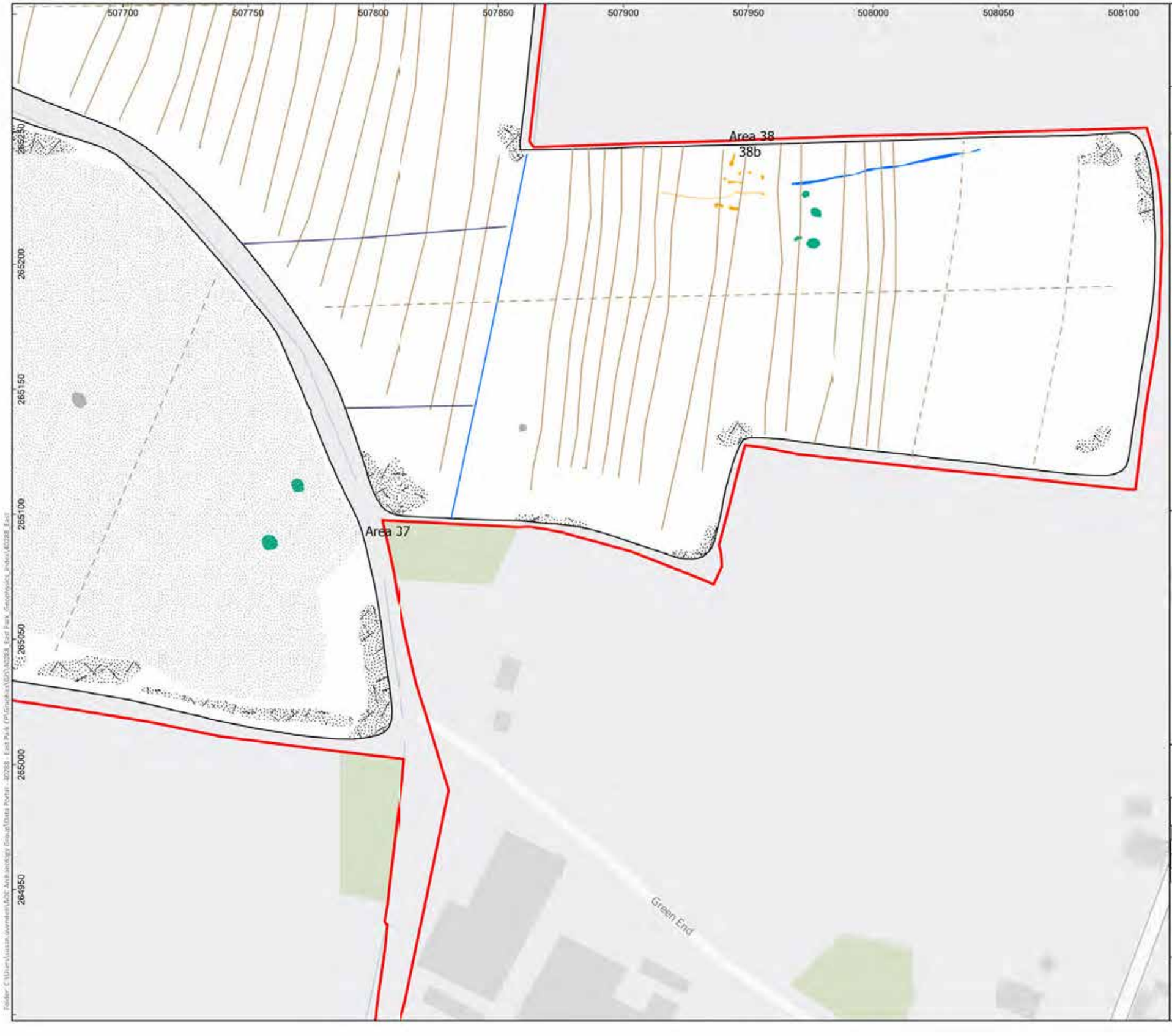
Figure 6.7

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 40 m

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Figure 6.8

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.9

Interpretation of Processed Gradiometer Data - Detailed

506300 506350 506400 506450 506500 506550 506600 506650 506700

265200 265150 265100 265050 265000 264950 264900 264850

Area 39

39a

39b

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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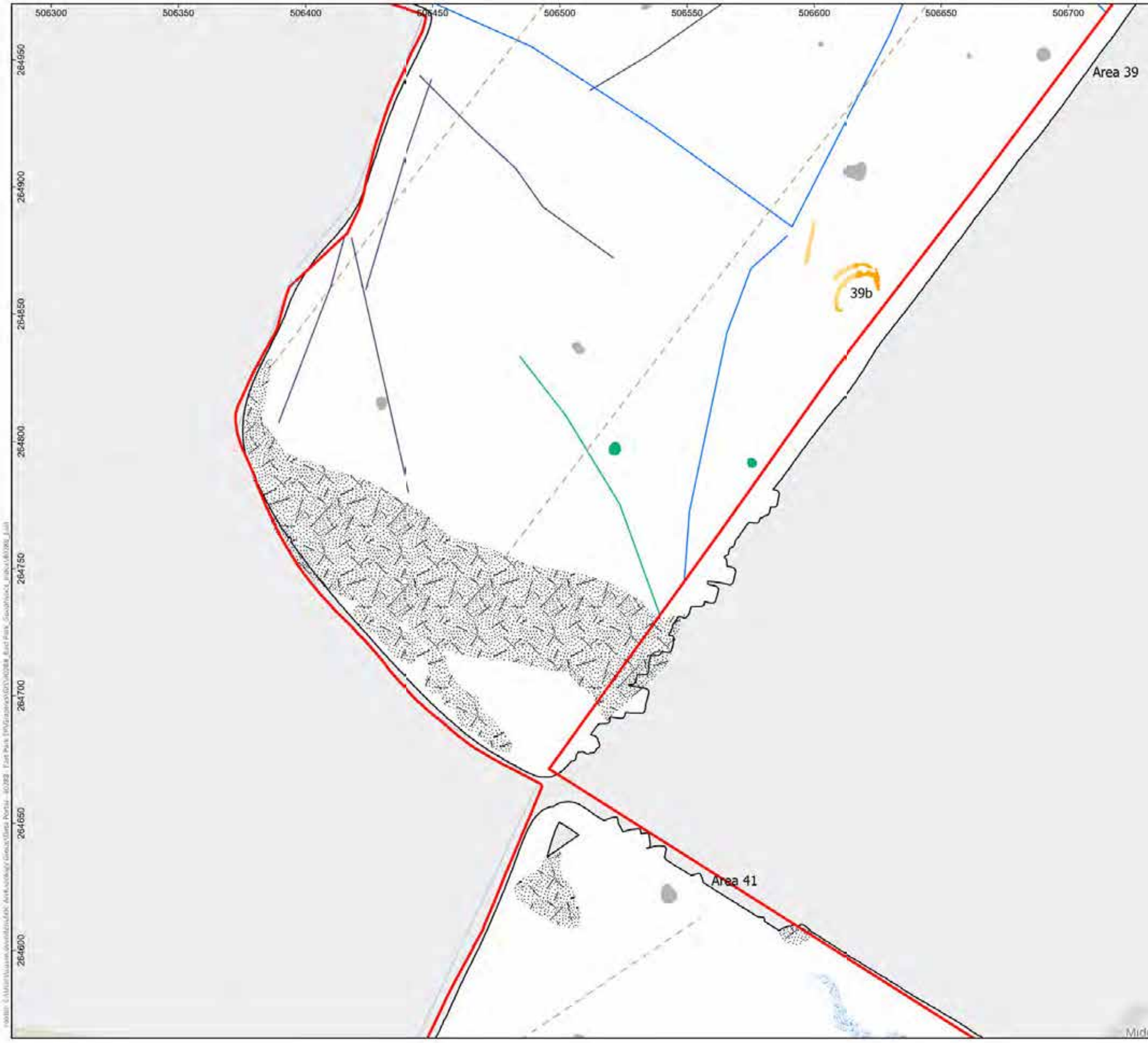
Figure 6.10

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike



0 40 m

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Figure 6.11

Interpretation of Processed Gradiometer Data - Detailed

506350 506400 506450 506500 506550 506600 506650 506700 506750

264600 264550 264500 264450 264400 264350 264300 264250

Poplar Spinney

Middle Lodge Buildings

Area 41

41b

41a

41a

41a

Area 133

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Ferrous Anomalies/Iron Spike

0 40 m

N

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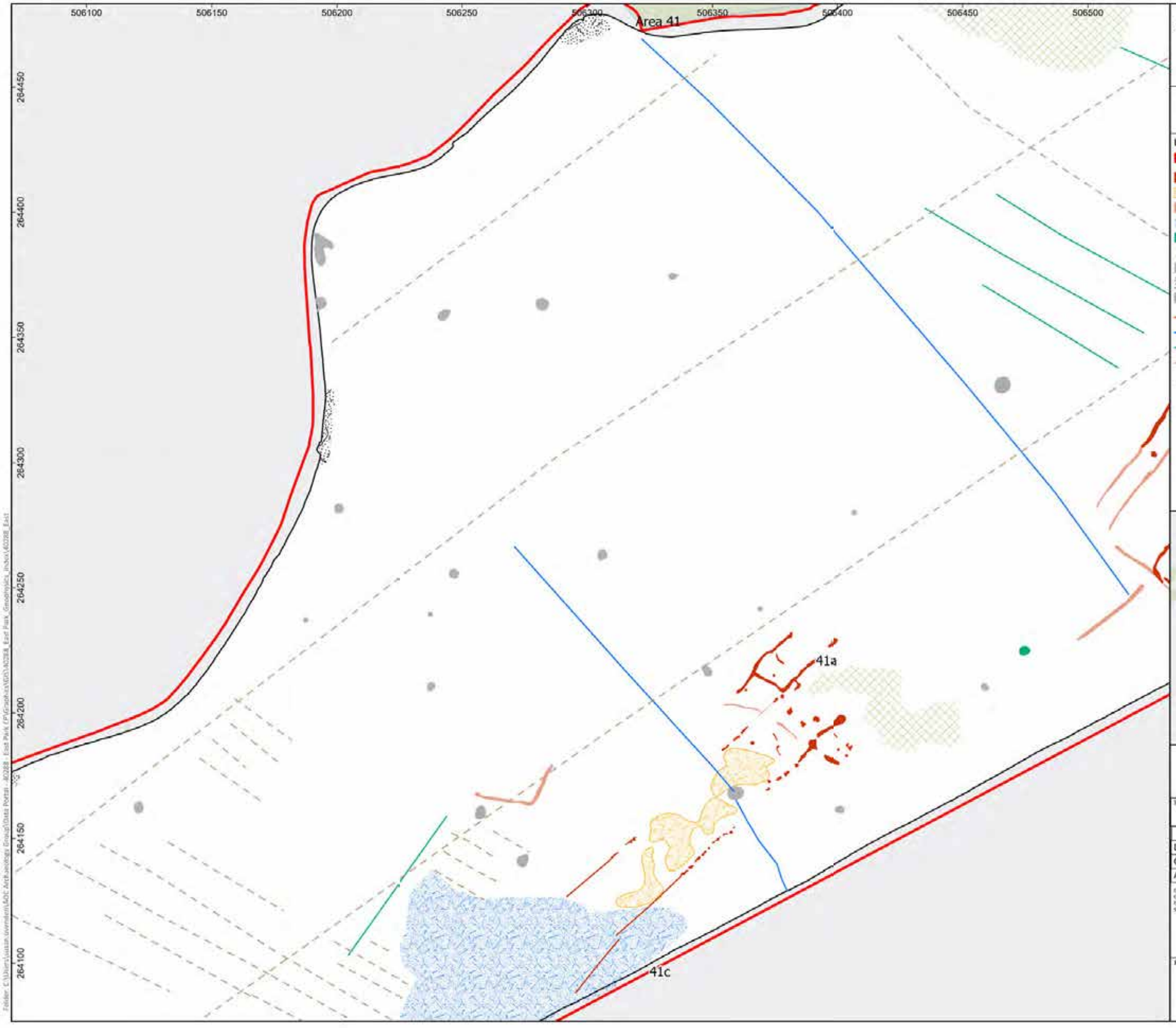
Figure 6.12

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Ferrous Anomalies/Iron Spike

0 40 m

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505850 505900 505950 506000 506050 506100 506150 506200 506250

264200 264150 264100 264050 264000 263950 263900 263850

Area 41

41c

41a

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.13

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.14

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

N

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Figure 6.15

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.16

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Ferrous Anomalies/Iron Spike

0 40 m

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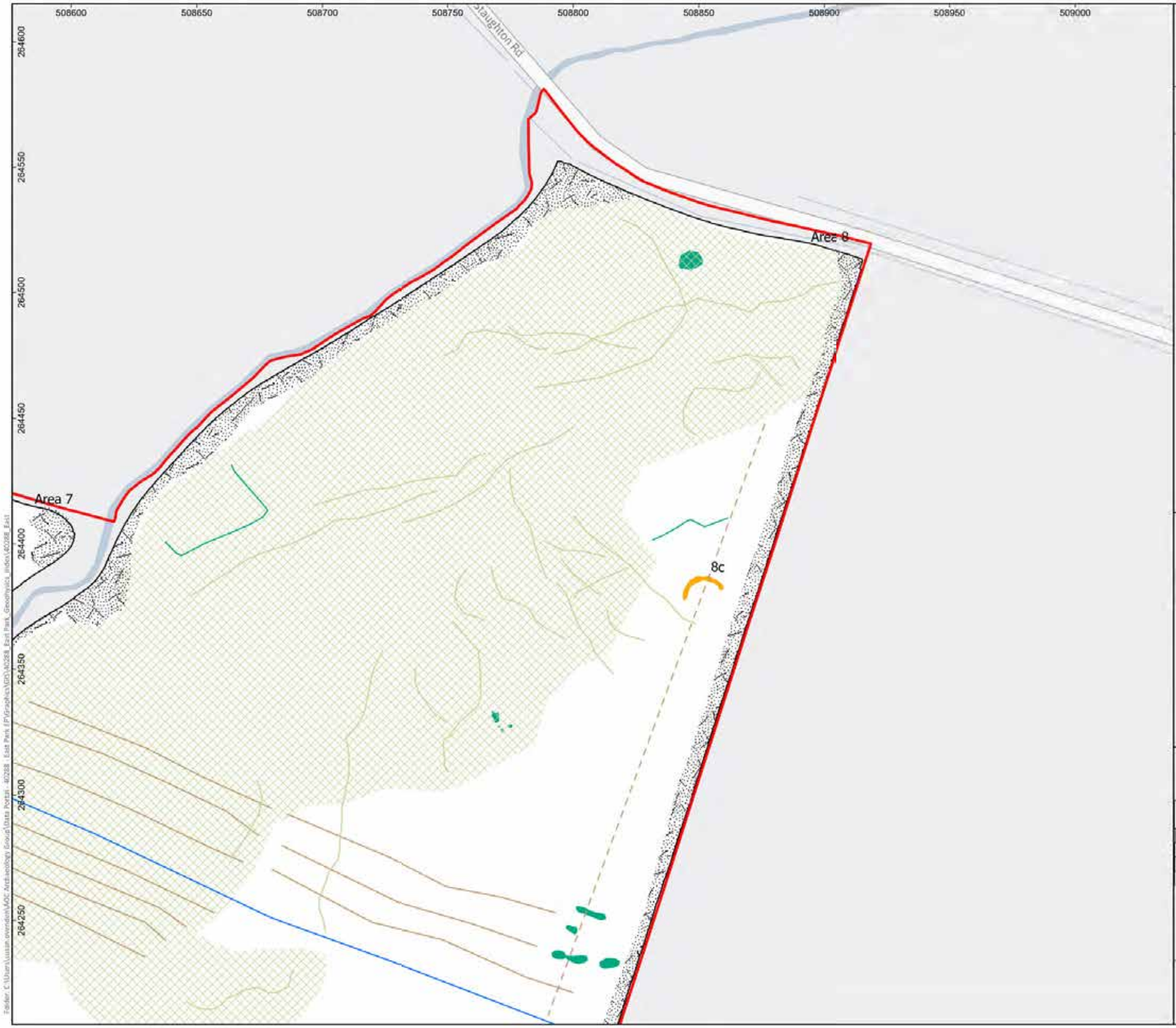

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.17

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Unclear Origin)
- Spread (Geology, Natural)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Geology/Natural)

0 40 m

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Figure 6.18

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Ferrous Anomalies/Iron Spike

0 40 m

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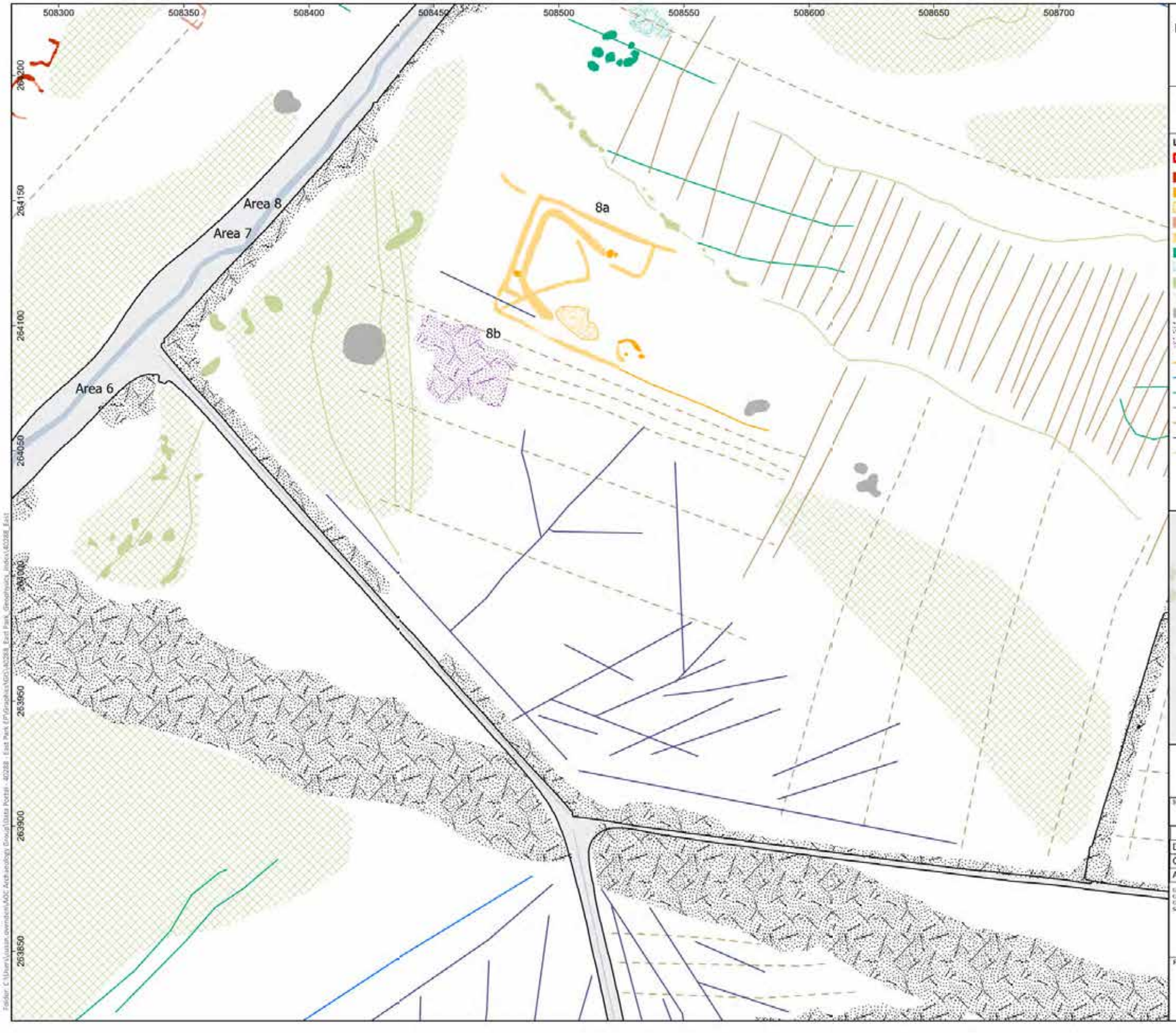
Figure 6.19

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Custom Use)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)

0 40 m

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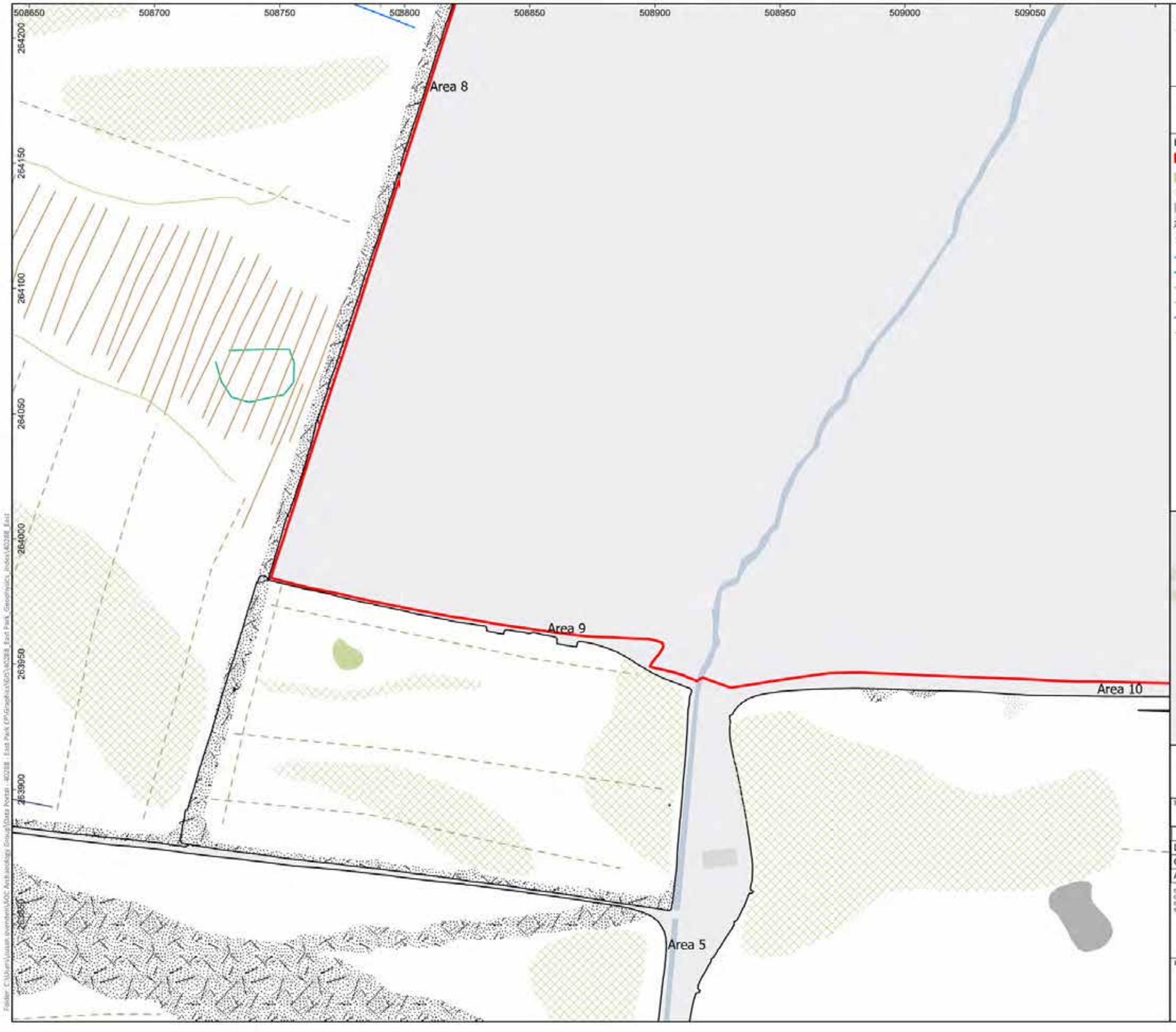
Figure 6.20

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)

0 40 m

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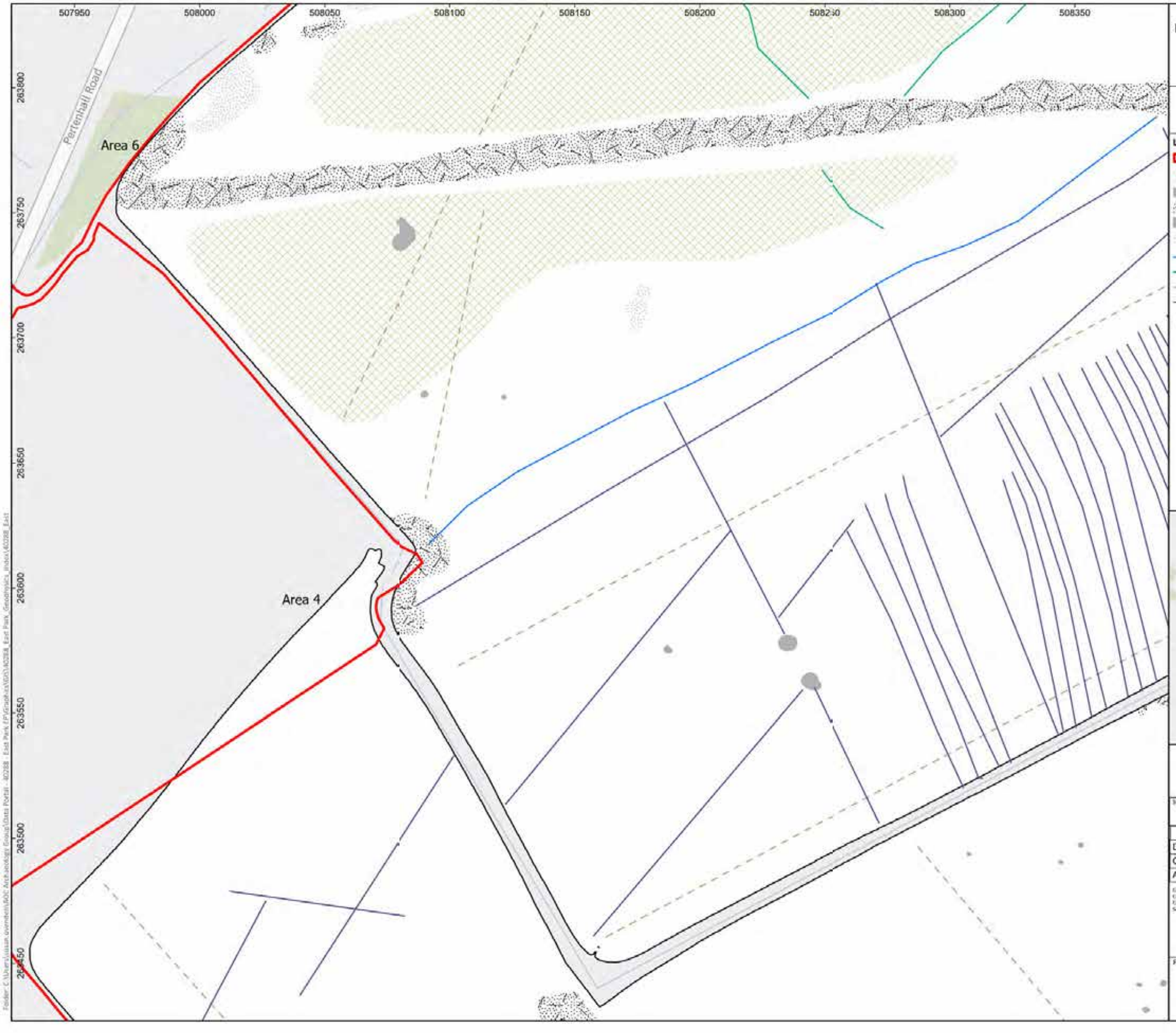
Figure 6.21

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.22

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 40 m

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Figure 6.23

Interpretation of Processed Gradiometer Data - Detailed

10a

Area 5

Area 10

Area 12

Area 13

508850 508900 508950 509000 509050 509100 509150 509200 509250

263800 263750 263700 263650 263600 263550 263500 263450

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.24

Interpretation of Processed Gradiometer Data - Detailed

509100 509150 509200 509250 509300 509350 509400 509450 509500

263900 263850 263800 263750 263700 263650 263600

Area 10

Area 11

11a

11a

11a

Area 12

12a

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.25

Interpretation of Processed Gradiometer Data - Detailed

509300 509350 509400 509450 509500 509550 509600 509650 509700

263800 263750 263700 263650 263600 263550 263500 263450

11a 11a 11a 11b 11c 12a 12a 12a

Area 10 Area 11 Area 12

Rectory Farm

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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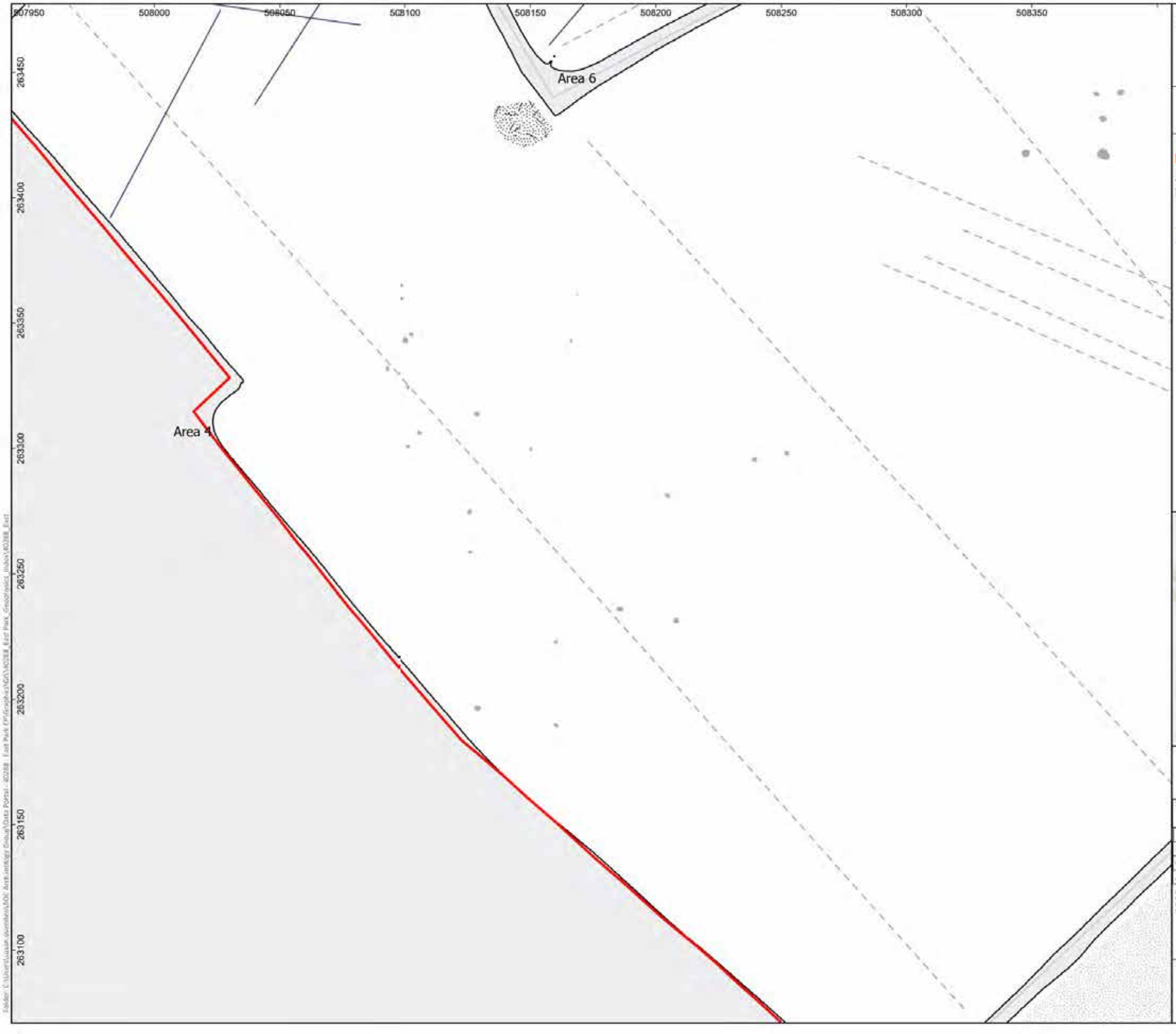
Figure 6.26

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)



0 40 m

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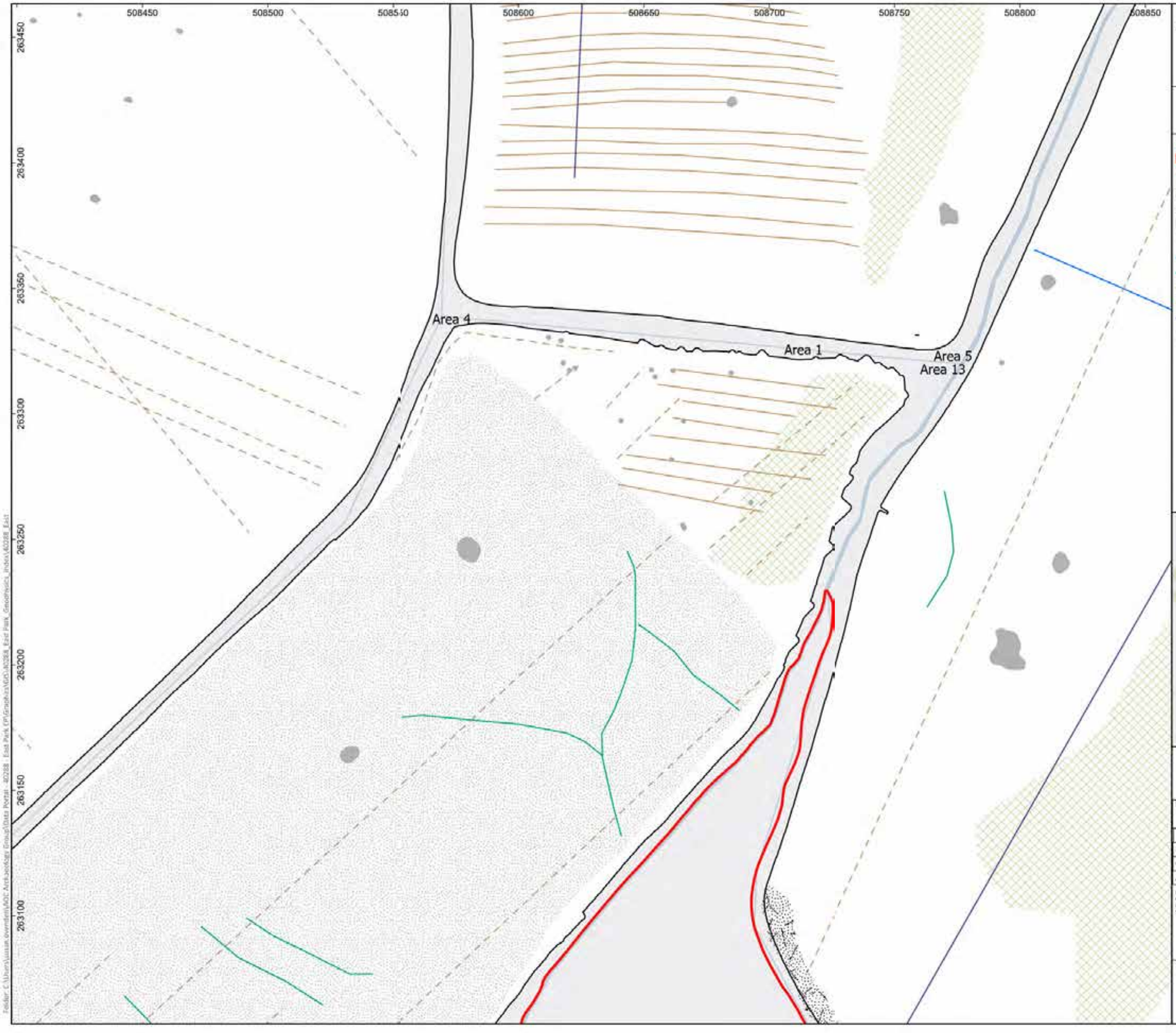
Figure 6.27

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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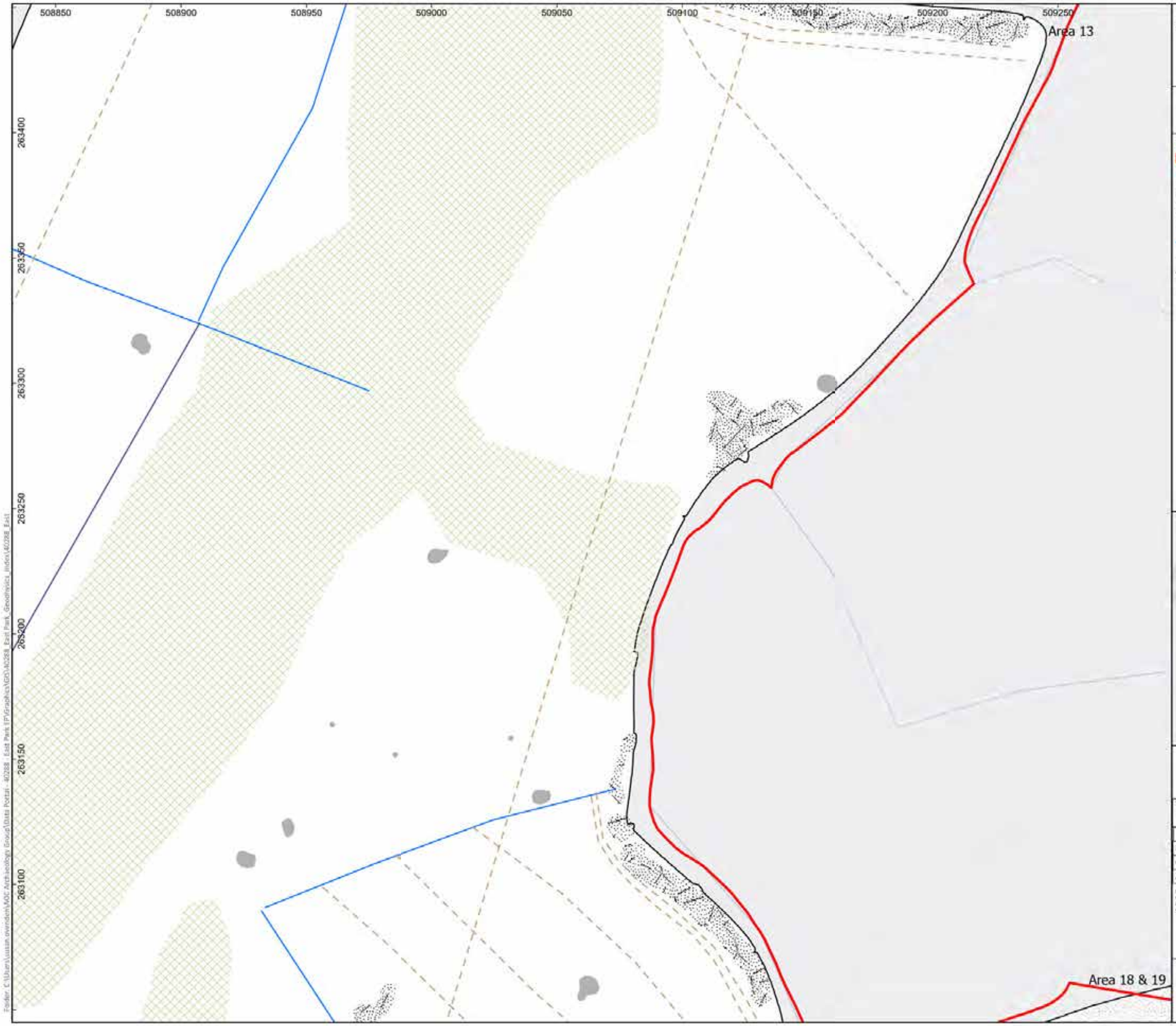
Figure 6.28

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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Scale: 1:1,500

Page Size: @ A3

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Figure 6.29

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)

509350 509400 509450 509500 509550 509600 509650 509700 509750

263400 263350 263300 263250 263200 263150 263100 263050

Lodge Farm

Area 14

Area 15

Area 16a

Area 17

Area 18 & 19

Area 32

0 40 m

N

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Figure 6.30

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.31

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Agricultural, Ploughing)

Area 1
Area 2
Area 3
Area 4

508000 508050 508100 508150 508200 508250 508300 508350 508400

263050 263000 262950 262900 262850 262800 262750 262700

0 40 m

N

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500
Page Size: @ A4

Drawing Number: 05/40288/GEO/6.31

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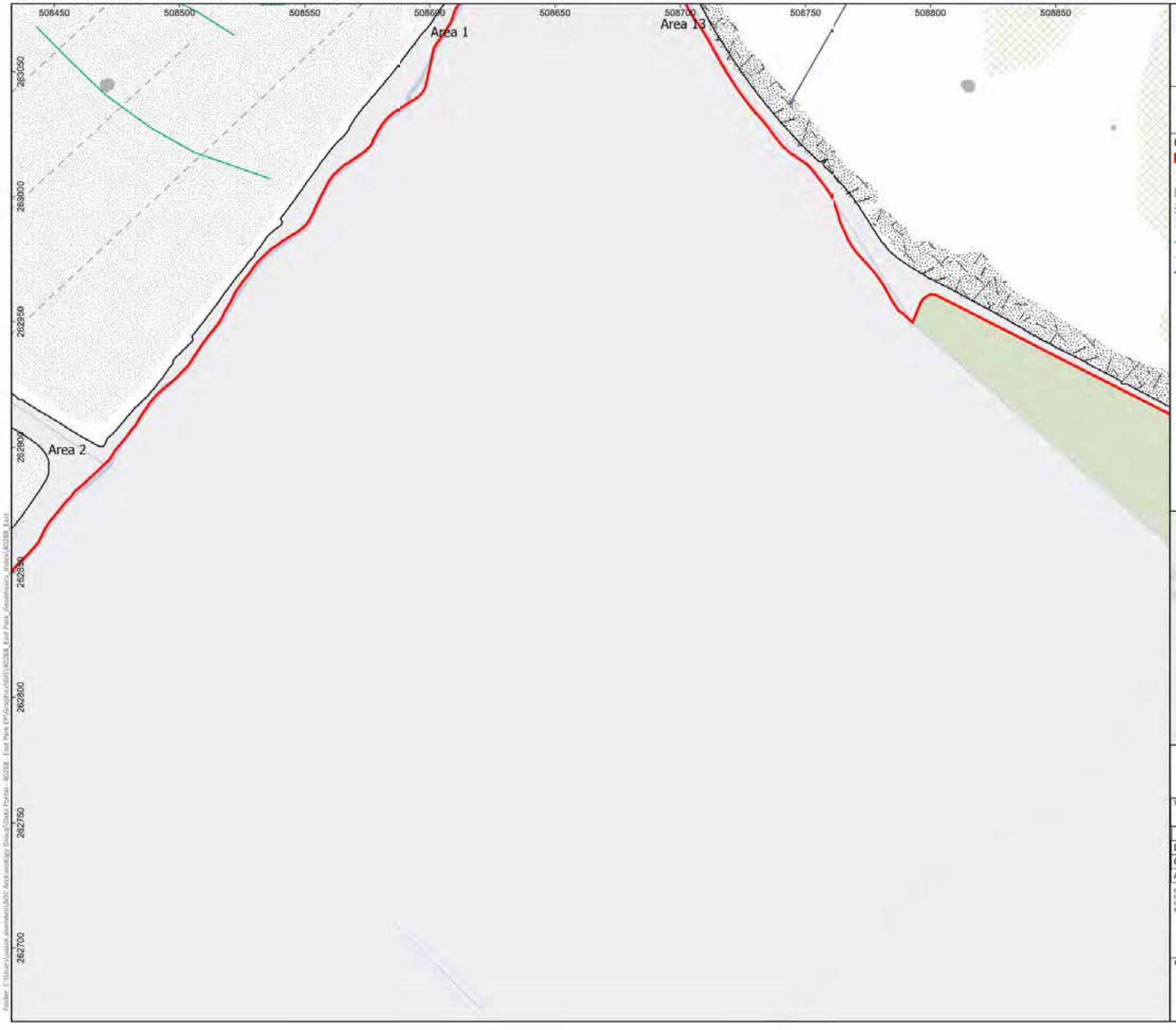
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.32

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Page Size: @ A3

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Figure 6.33

Interpretation of Processed Gradiometer Data - Detailed

Area 13

Area 18 & 19

18a

18a

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

St Neots

0 40 m

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Figure 6.34

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Page Size: @ A3

Drawing Number: 05/40288/GEO/6.34

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Figure 6.35

Interpretation of Processed Gradiometer Data - Detailed

509800 509850 509900 509950 510000 510050 510100 510150 510200

262950 262900 262850 262800 262750 262700 262650

Area 32 Area 33

33a

Legend

- Red Line Boundary
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Agricultural, Ploughing)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.36

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.37

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Ferrous Anomalies/Iron Spike

0 40 m

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509300 509350 509400 509450 509500 509550 509600 509650 509700

264600 264550 264500 264450 264400 264350 264300 264250

Area 27

Area 30

Area 29

Area 21

30a

Staughton Rd

Staughton Rd

The Ka

27

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.38

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Spread (Historic Feature)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

N

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.39

Interpretation of Processed Gradiometer Data - Detailed

509750 509800 509850 509900 509950 510000 510050 510100 510150

264600 264550 264500 264450 264400 264350 264300

Area 27

Area 28

28b

27c

27a

27b

21d

Area 21

The Kangaroo

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.40

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)

0 40 m

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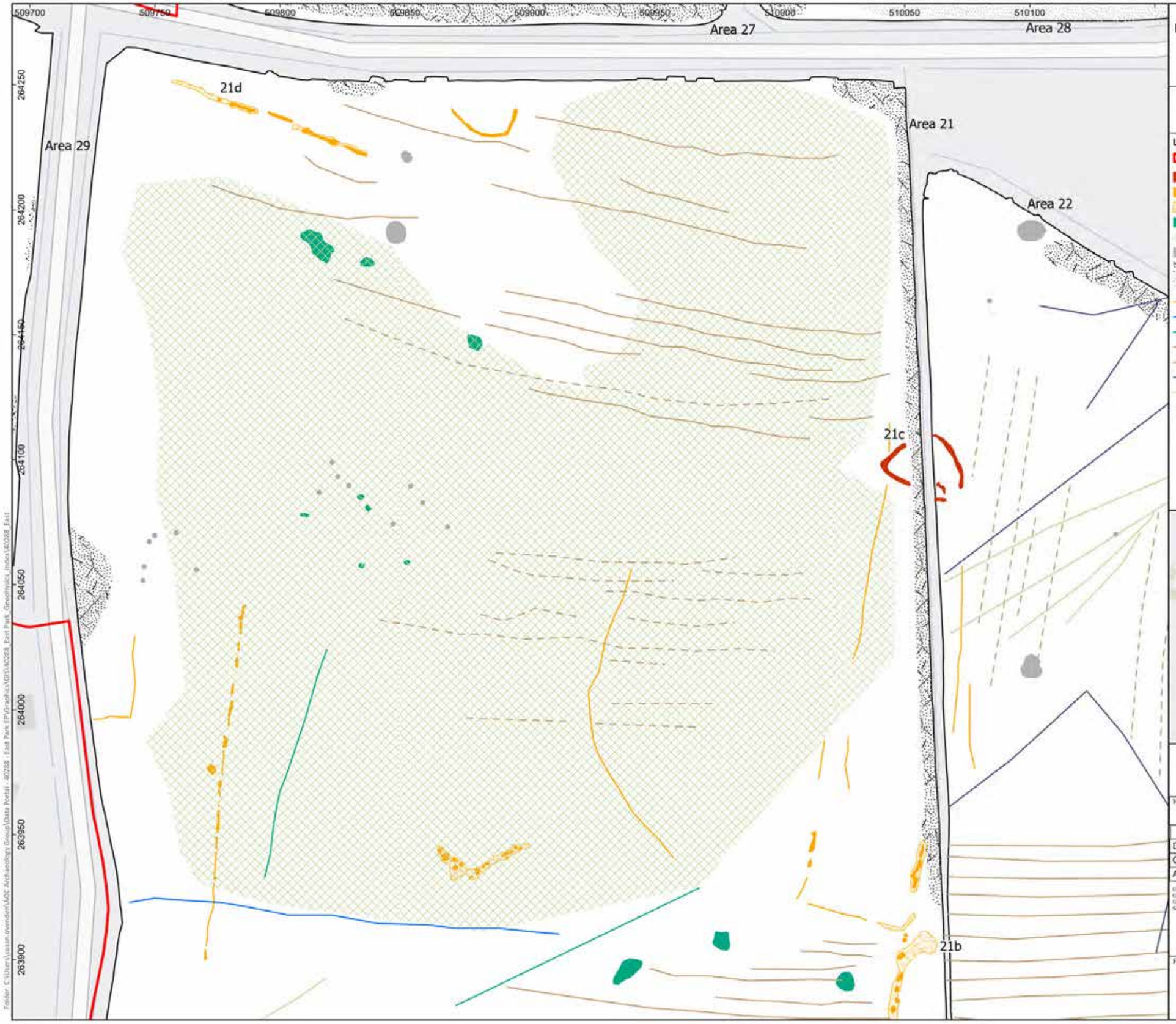
Figure 6.41

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Unclear Origin)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.42

Interpretation of Processed Gradiometer Data - Detailed

New Farm

Area 22

Area 23

Area 24

510150 510200 510250 510300 510350 510400 510450 510500 510550

264200 264150 264100 264050 264000 263950 263900

Legend

- Red Line Boundary
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.43

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 40 m

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Figure 6.44

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology/Natural)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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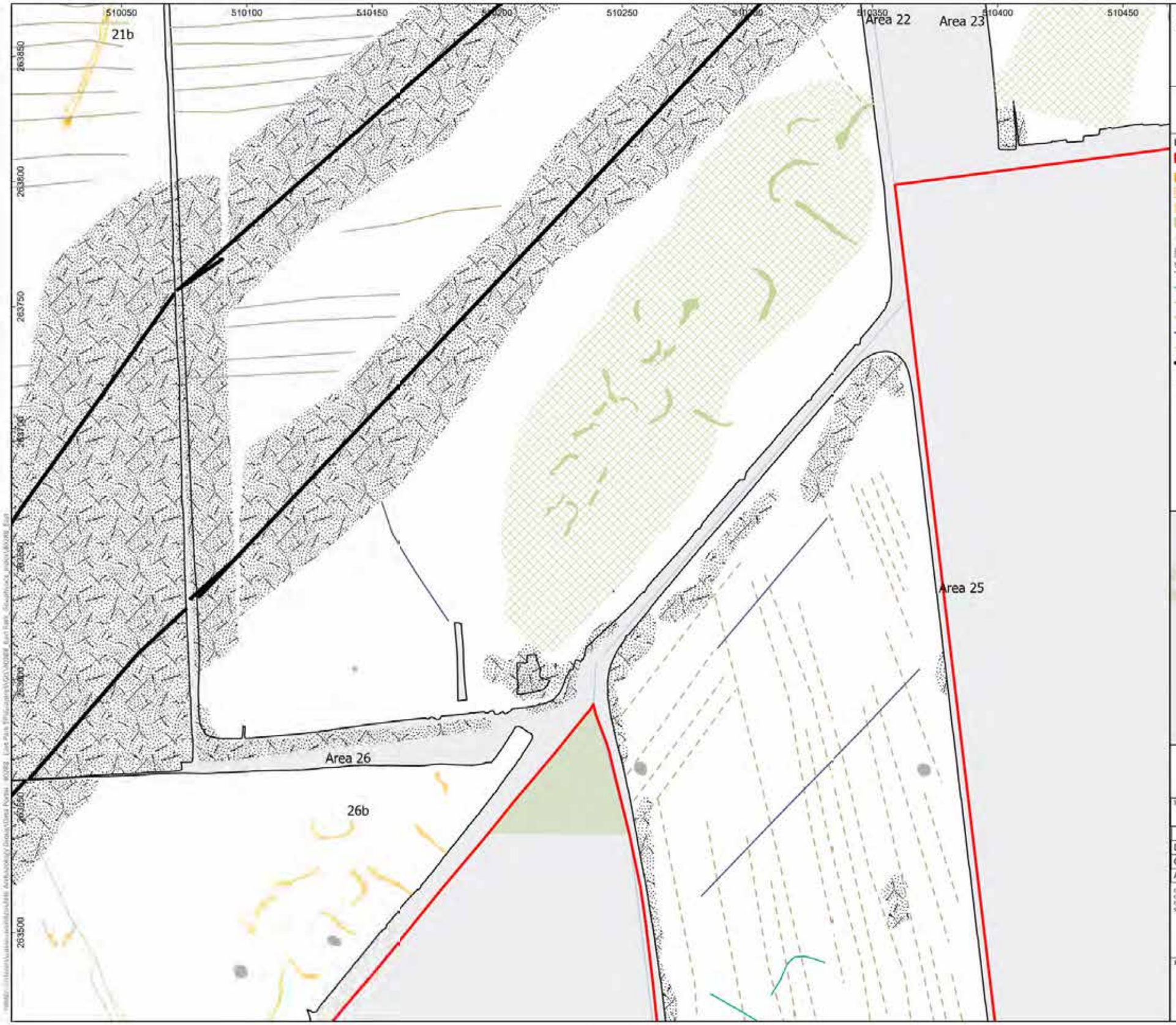
Figure 6.45

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.46

Interpretation of Processed Gradiometer Data - Detailed

509750 509800 509850 509900 509950 510000 510050 510100 510150

263650 263600 263550 263500 263450 263400 263350 263300

Area 21

Area 11

Area 26

26a

26b

Area 14

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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System: Coordinate System: British National Grid
Projection: Transverse Mercator
Datum: OSGB 1936

Scale: 1:1,500

Page Size: @ A3

Drawing Number: 05/40288/GEO/6.46

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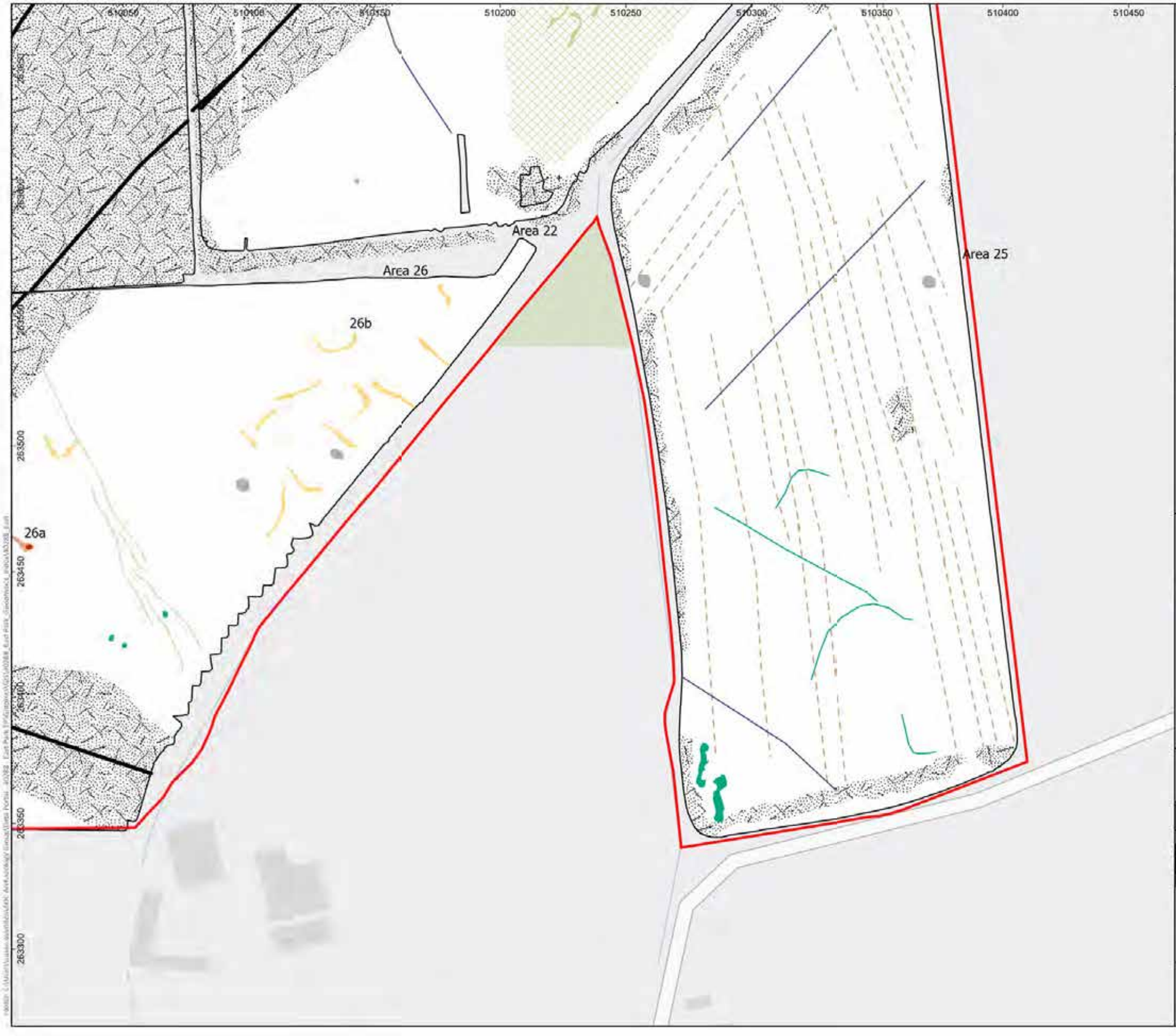
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.47

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Geology/Natural)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike



0 40 m

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Scale: 1:1,500
Page Size: @ A4

Drawing Number: 05/40288/GEO/6.47

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Figure 6.48

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology/Natural)
- Spread (Magnetic Disturbance)
- Anomaly (Custom Use)
- Spread (Custom Use)
- Linear Trend (Probable Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 40 m

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Scale: 1:1,500

Page Size: @ A3

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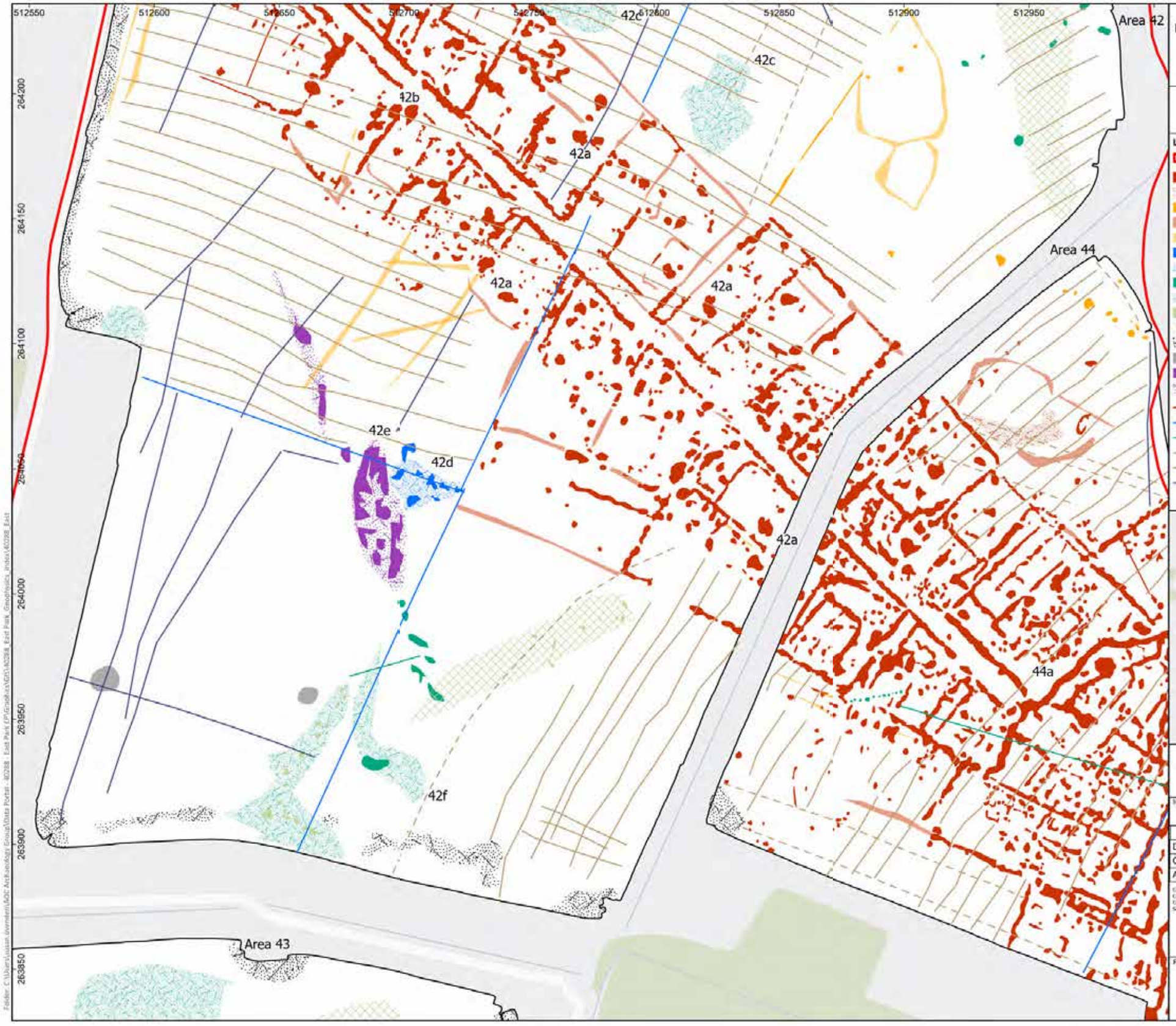
Figure 6.49

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Historic Feature)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Anomaly (Custom Use)
- Spread (Custom Use)
- Linear Trend (Probable Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 40 m

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513000 513050 513100 513150 513200 513250 513300 513350 513400

264050 264000 263950 263900 263850 263800 263750 263700

44a 44a 44a

Area 44

44c

Area 46

46a

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.50

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Linear Trend (Probable Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.51

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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513000 513050 513100 513150 513200 513250 513300 513350 513400

263750 263700 263650 263600 263550 263500 263450 263400

Area 44 Area 46 Area 43 Area 47

44b 46a 46b 43b 43c

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.52

Interpretation of Processed Gradiometer Data - Detailed

513250 513300 513350 513400 513450 513500 513550 513600 513650

263700 263650 263600 263550 263500 263450 263400 263350

Area 46

46a

46b

Area 47

47a

47c

47d

Area 43

Area 105

105b

Rushey

Moor Rd

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.53

Interpretation of Processed Gradiometer Data - Detailed

513250 513300 513350 513400 513450 513500 513550 513600 513650

263450 263400 263350 263300 263250 263200

Area 46
Area 47
Area 105
Area 43
46b
47a
47c
47d
105b
Rushey Farm
Moor Rd
Roman Field Cottage

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.54

Interpretation of Processed Gradiometer Data - Detailed

Area 66
Area 65
Area 43
65b
43a
New Wood
512500
512550
512600
512650
512700
512750
512800
512850
512900
263850
263800
263750
263700
263650
263600
263550
263500

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)

0 40 m

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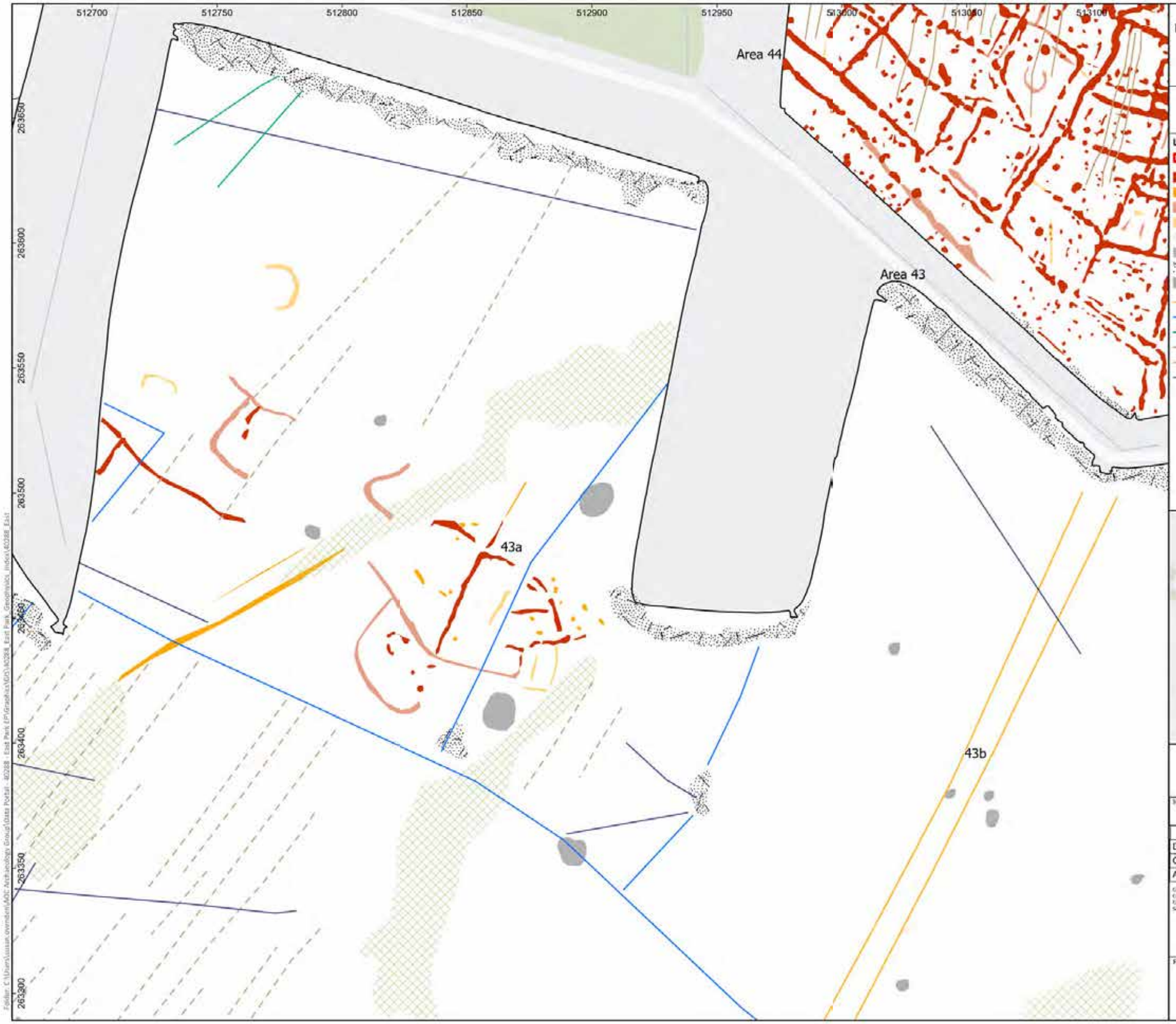
Figure 6.55

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)

0 40 m

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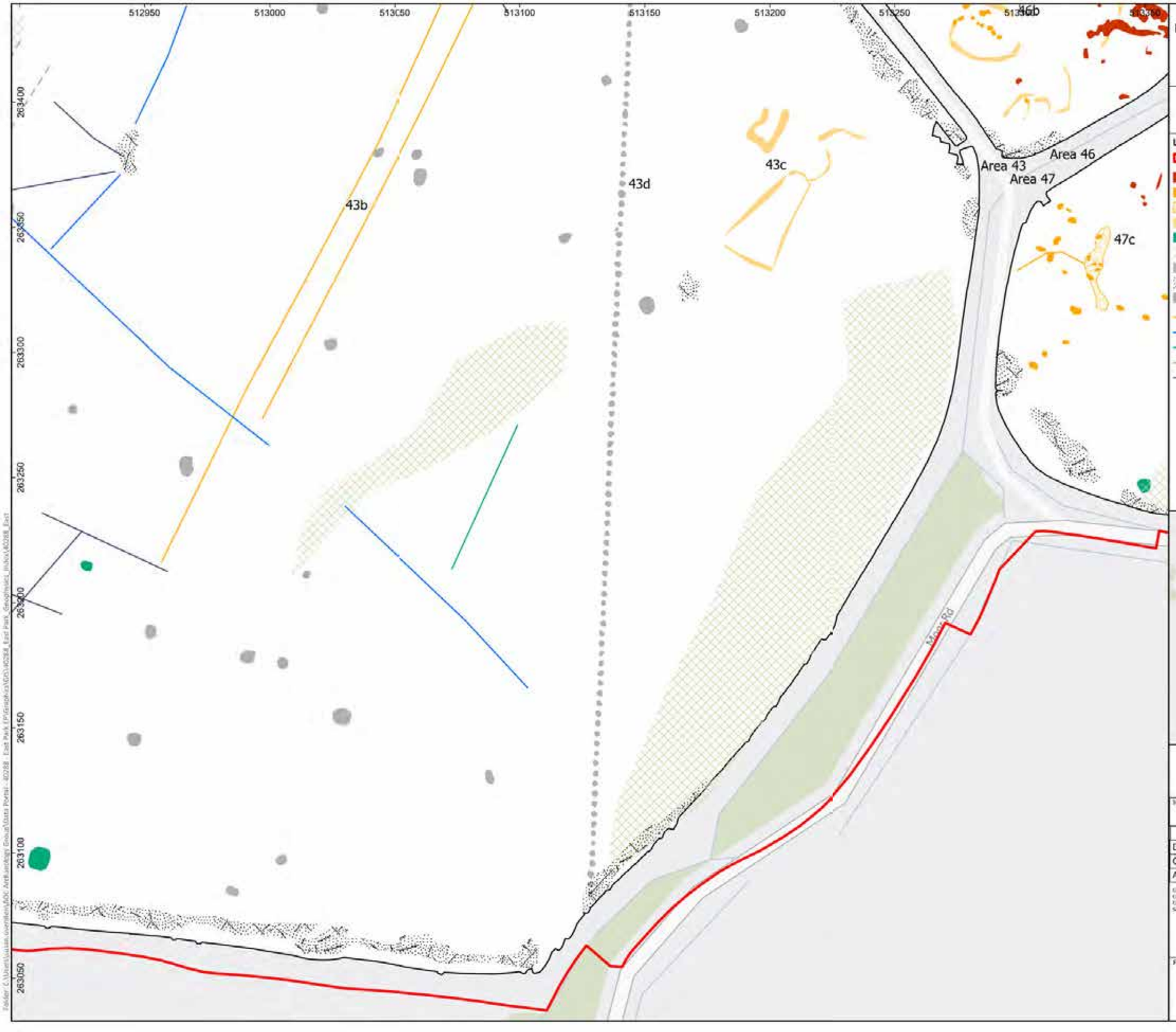
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.56

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)

0 40 m

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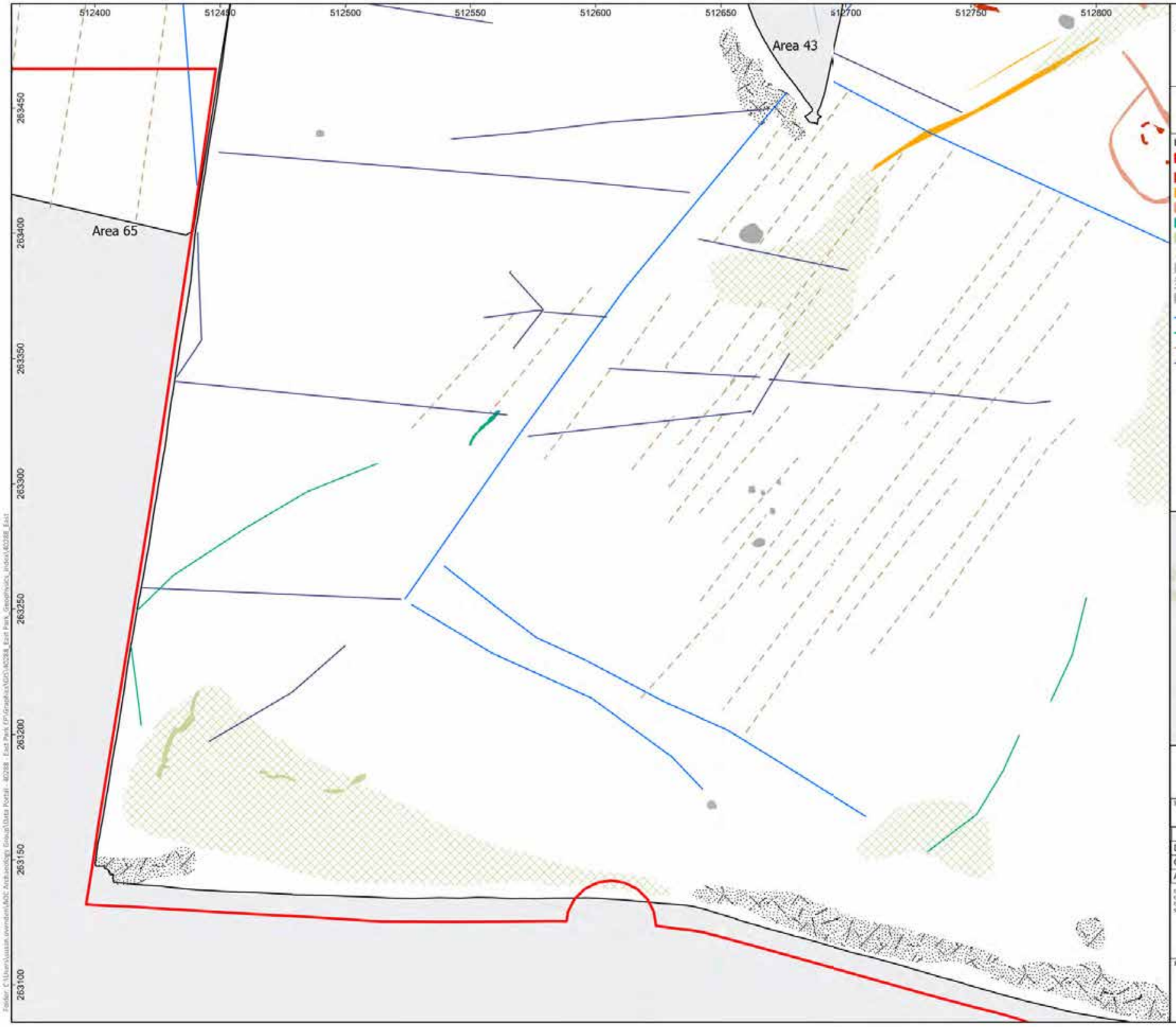
Figure 6.57

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.58

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Geology, Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)

0 40 m

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Area 43

43b

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514150 514200 514250 514300 514350 514400 514450 514500 514550

263750 263700 263650 263600 263550 263500 263450 263400

Area 52

Area 51

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.59

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 40 m

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514100 514150 514200 514250 514300 514350 514400 514450 514500

263500 263450 263400 263350 263300 263250 263200 263150

Area 52

Area 105

105a

Area 105

Area 49

Area 51

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.60

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.61

Interpretation of Processed Gradiometer Data - Detailed

513800 513850 513900 513950 514000 514050 514100 514150 514200

262900 262850 262800 262750 262700 262650 262600 262550

Area 49
Area 48
48a
48d
48a
48a
48c

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Linear Trend (Magnetic Distrubance)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.62

Interpretation of Processed Gradiometer Data - Detailed

514200 514250 514300 514350 514400 514450 514500 514550 514600

263100 263050 263000 262950 262900 262850 262800 262750

51a

Area 49

Area 51

49c

49a

49a

49b

49a

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 40 m

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514200 514250 514300 514350 514400 514450 514500 514550 514600

262800 262750 262700 262650 262600 262550 262500 262450

49a

Area 49

Area 50

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.63

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.64

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.65

Interpretation of Processed Gradiometer Data - Detailed

514650 514700 514750 514800 514850 514900 514950 515000 515050

263050 263000 262950 262900 262850 262800 262750 262700

Pastures Farm

Area 49

Area 51

Area 50

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 40 m

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Figure 6.66

Interpretation of Processed Gradiometer Data - Detailed

514650 514700 514750 514800 514850 514900 514950 515000 515050

262750 262700 262650 262600 262500 262450 262400

Area 50

Area 106

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.67

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Spread (Unclear Origin)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.68

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Probable Archaeology)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Anomaly (Geology/Natural)
- Spread (Geology/Natural)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Anomaly (Custom Use)
- Spread (Custom Use)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalie-/Iron Spike

0 40 m

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Figure 6.69

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Spread (Historic Feature)
- Spread (Unclear Origin)
- Spread (Geology/Natural)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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514500 514550 514600 514650 514700 514750 514800 514850 514900

263650 263600 263550 263500 263450 263400 263350 263300

Area 51

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.70

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 40 m

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Figure 6.71

Interpretation of Processed Gradiometer Data - Detailed

514500 514550 514600 514650 514700 514750 514800 514850 514900

263100 263050 263000 262950

Area 51

51a

51a

Area 49

Area 50

Pastures Farm

Legend

- Red Line Boundary
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

0 40 m

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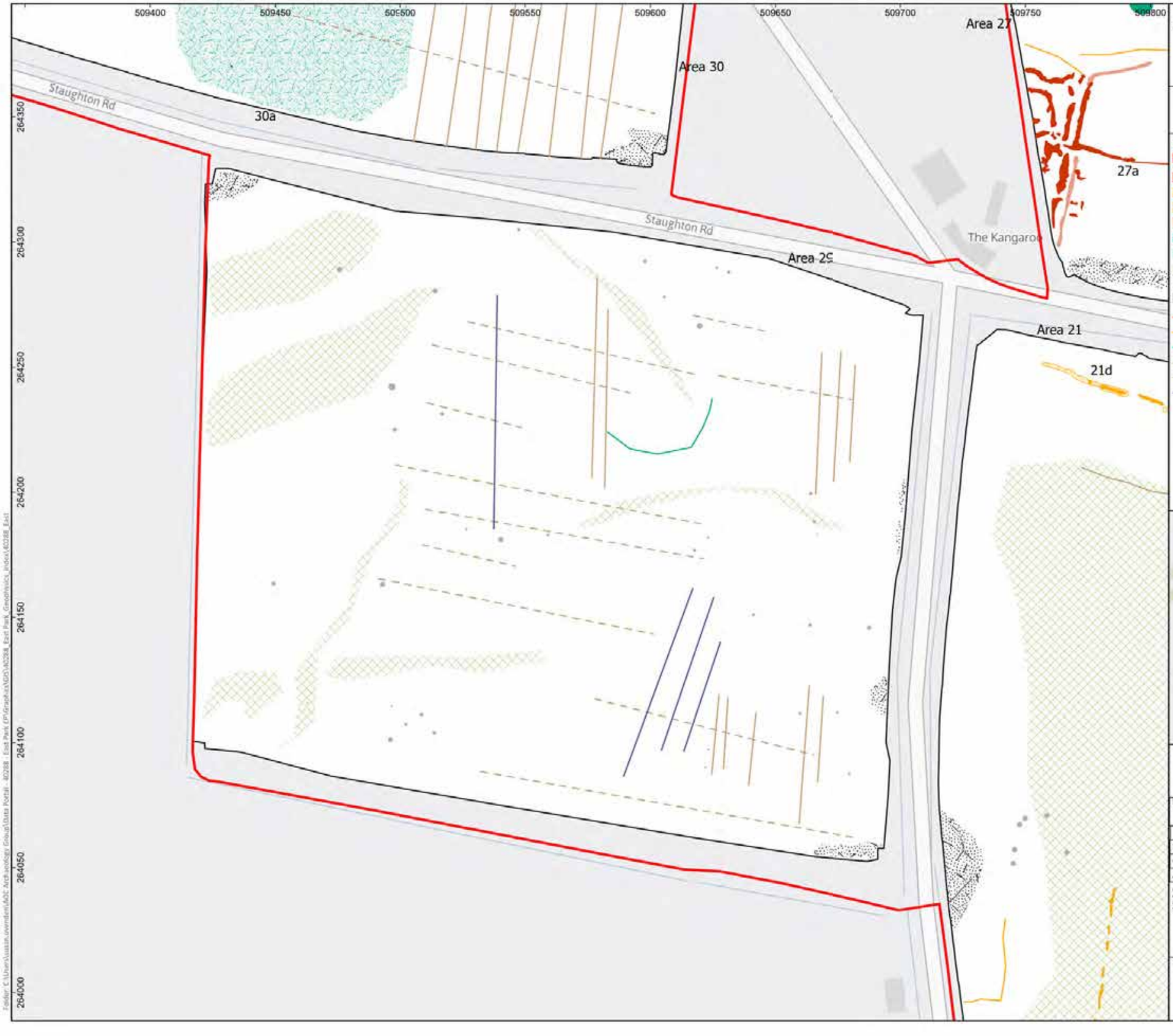
Figure 6.72

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Probable Archaeology Weak)
- Anomaly (Unclear Origin)
- Spread (Unclear Origin)
- Spread (Geology, Natural)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Probable Archaeology)
- Linear Trend (Possible Archaeology)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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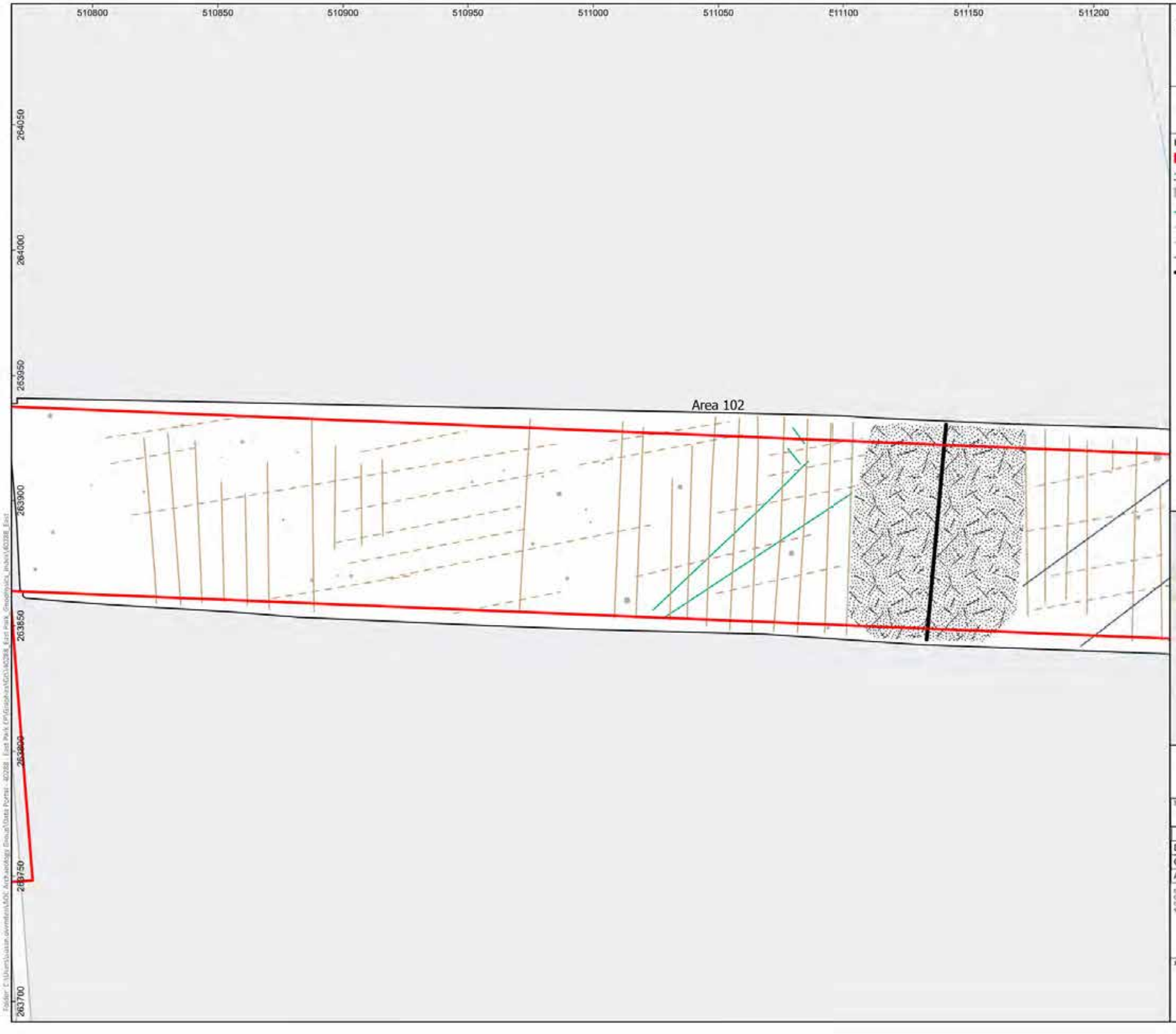
Figure 6.73

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 N 40 m

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511200 511250 511300 511350 511400 511450 511500 511550 511600

264050 264000 263950 263900 263850 263800 263750 263700

Area 102

Area 103

Area 104

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.74

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Spread (Historic Feature)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Linear Trend (Service)

0 40 m

N

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Datum: OSGB 1936

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Drawing Number: 05/40288/GEO/6.74

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511550 511600 511650 511700 511750 511800 511850 511900 511950

264000 263950 263900 263850 263800 263750 263700 263650

Area 104

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.75

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Service)

0 40 m

N

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Scale: 1:1,500

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.76

Interpretation of Processed Gradiometer Data - Detailed

513600 513650 513700 513750 513800 513850 513900 513950 514000

263500 263450 263400 263350 263300 263250 263200 263150

Area 47

Area 105

105b

Moor Rd

Roman Field Cottage

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Spread (Historic Feature)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 40 m

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Drawing Number: 05/40288/GEO/6.76

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513900 513950 514000 514050 514100 514150 514200 514250 514300

263550 263500 263450 263400 263350 263300 263250 263200

Area 52

Area 1C5

Area 105

105a

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.77

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Anomaly (Unclear Origin)
- Anomaly (Magnetic Disturbance)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Possible Archaeology)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.78

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Drainage)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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Figure 6.79

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Ferrous Anomalies/Iron Spike

0 40 m

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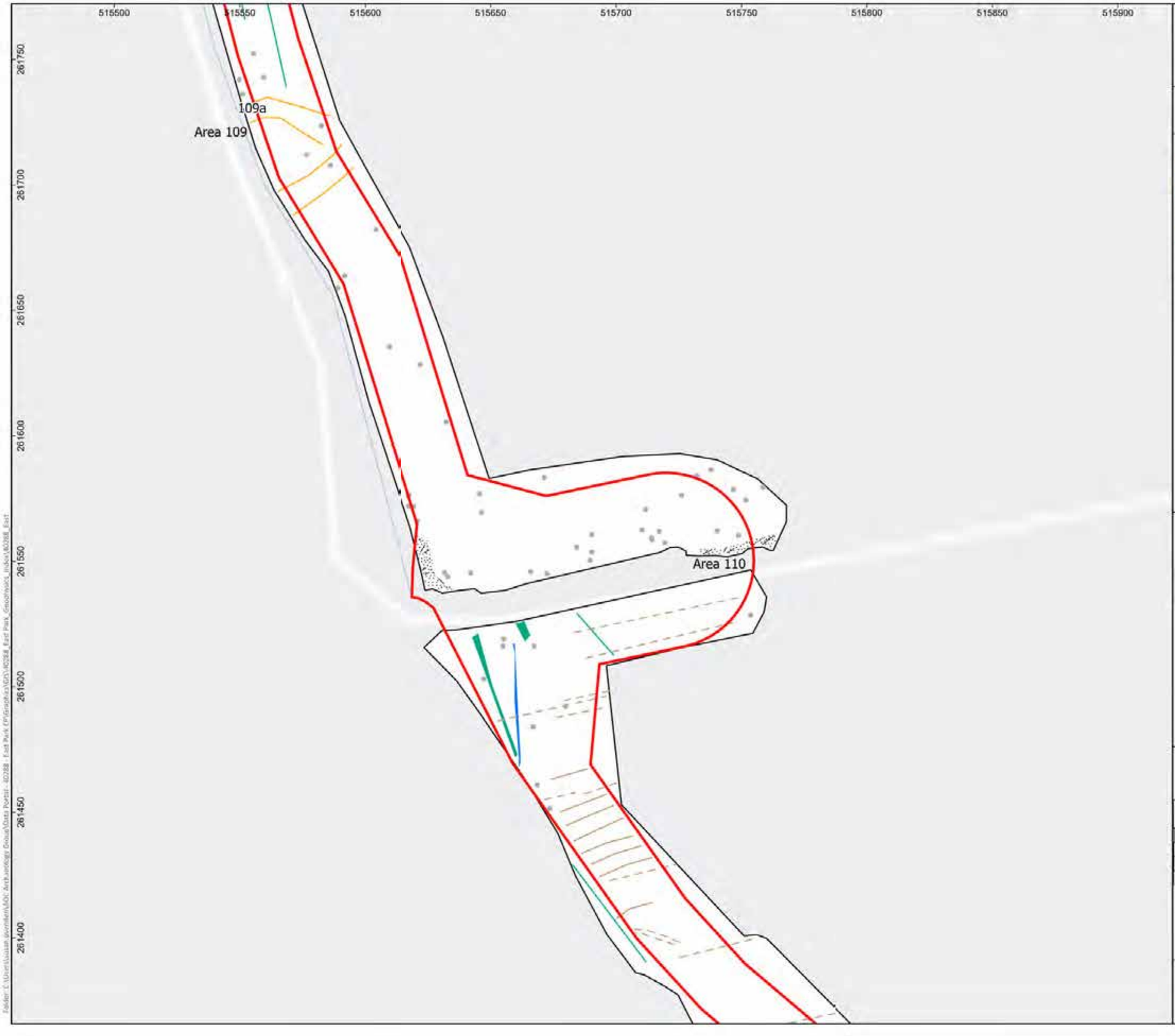
Figure 6.80

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Linear Trend (Possible Archaeology)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.81

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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516100 516150 516200 516250 516300 516350 516400 516450 516500

261000 260950 260900 260850 260800 260750 260700 260650

Area 111

EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.82

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Historic Feature)
- Anomaly (Unclear Origin)
- Spread (Magnetic Disturbance)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.83

Interpretation of Processed Gradiometer Data - Detailed

Area 111

Area 112

Area 113

113a

Duloe La

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Possible Archaeology)
- Spread (Historic Feature)
- Spread (Magnetic Disturbance)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Ferrous Anomalies/Iron Spike

0 40 m

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EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.84

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Spread (Possible Archaeology)
- Anomaly (Historic Feature)
- Spread (Historic Feature)
- Anomaly (Ferrous/Iron Spike)
- Spread (Ferrous/Iron Spike)
- Linear Trend (Historic Feature)
- Linear Trend (Agricultural, Ploughing)
- Ferrous Anomalies/Iron Spike

0 40 m

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Figure 6.85

Interpretation of Processed Gradiometer Data - Detailed

Legend

- Red Line Boundary
- Anomaly (Possible Archaeology Strong)
- Anomaly (Historic Feature)
- Spread (Magnetic Disturbance)
- Anomaly (Ferrous/Iron Spike)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Ferrous Anomalies/Iron Spike

0 N 40 m

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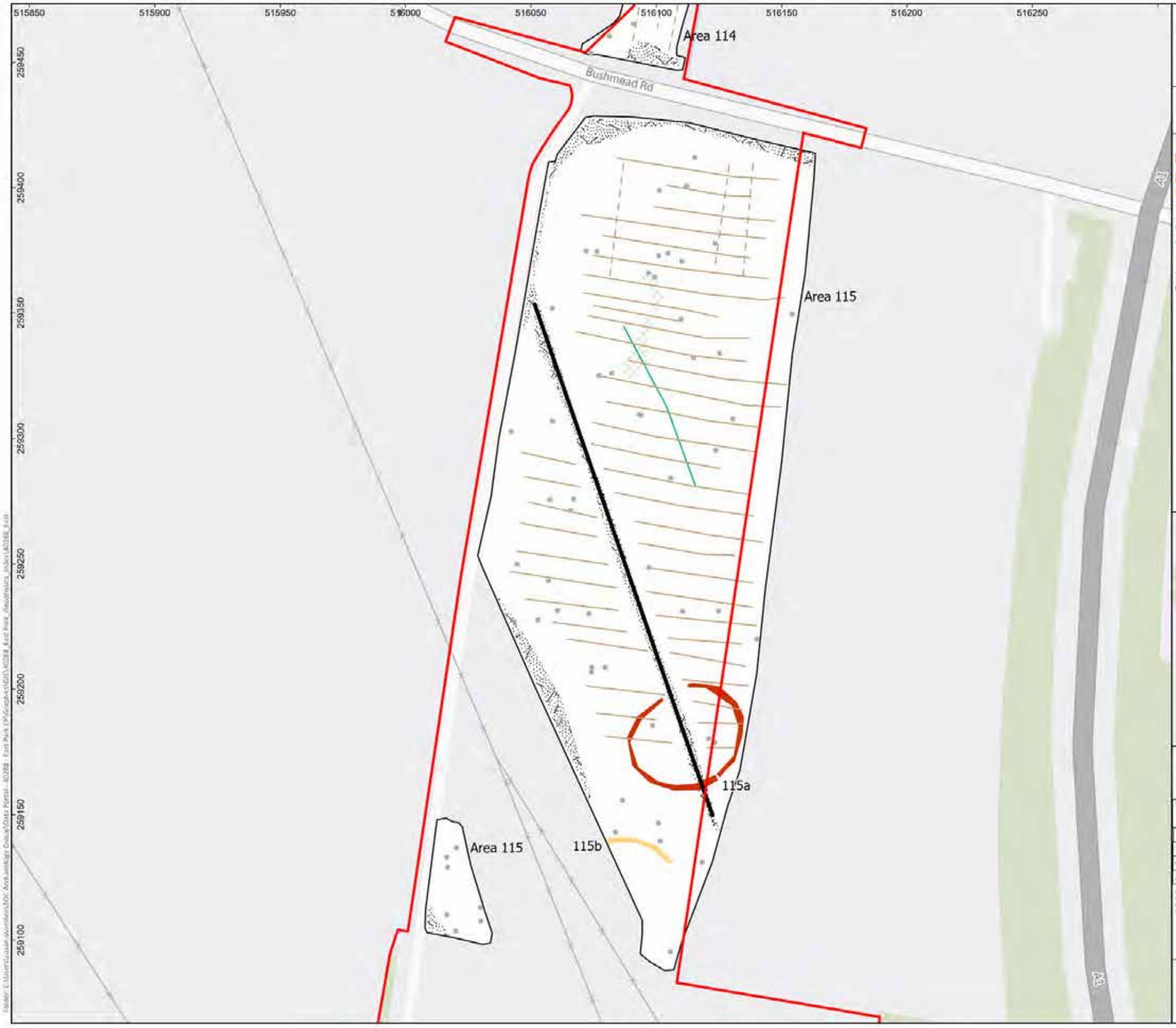
EAST PARK ENERGY, BEDFORD BOROUGH, CAMBRIDGESHIRE: ARCHAEOLOGICAL GEOPHYSICAL SURVEY

Figure 6.86

Interpretation of Processed Gradiometer Data - Detailed



Legend

- Red Line Boundary
- Anomaly (Probable Archaeology Strong)
- Anomaly (Possible Archaeology Weak)
- Spread (Geology, Natural)
- Spread (Magnetic Disturbance)
- Linear Trend (Unclear Origin)
- Linear Trend (Agricultural, Ploughing)
- Linear Trend (Agricultural, Ridge and Furrow)
- Linear Trend (Service)
- Ferrous Anomalies/Iron Spike

0 40 m

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