

Light Valley Solar

Environmental Statement Volume 3

Appendix 8.3: Geophysical Survey Results Part Ai

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March 2026

Planning Inspectorate Reference: EN0110012
APFP Regulation: 5(2)(a)



Light Valley
Solar

Infrastructure Planning

Planning Act 2008

The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended)

Light Valley Solar

Development Consent Order 2025

Appendix 8.3: Geophysical Survey Results Part Ai

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1 Introduction

- 1.1.1 This document has been prepared by Lanpro Services Ltd on behalf of Light Valley Solar Limited ('the Applicant'). It provides the results of the archaeological geophysical (magnetometer) surveys undertaken for the Proposed Development in support of the application for a Development Consent Order (DCO).
- 1.1.2 The Proposed Development comprises a solar photovoltaic (PV) electricity generating station of over 100 megawatts (MW) and 'associated development' comprising a Battery Energy Storage System (BESS), grid connection infrastructure and other infrastructure integral to the construction, operation and maintenance, and decommissioning phases.
- 1.1.3 The main element of the Proposed Development comprises seven Solar Development Sites (Solar Development Sites 1-4 and 6-8) that will accommodate the Solar PV Panels. A BESS Compound will be located within Solar Development Site 2.
- 1.1.4 The Cable Route Corridor is the area within which the export connection cables (hereafter referred to as the 'Grid Connection Cables') would be located to connect the Solar PV Sites to the National Grid at the existing Monk Fryston Substation (hereafter referred to as the 'Existing National Grid Monk Fryston Substation') and the area within which cables connecting the Solar Development Sites would be located (hereafter referred to as 'Interconnecting Cables') (refer to Figure 2.1: Illustrative Site Layout Plan (ES Volume 2) [EN0110012/APP/LVS/06.02.02.01]).
- 1.1.5 Further details of the Proposed Development are presented in Chapter 2: The Proposed Development (ES Volume 1) [EN0110012/APP/LVS/06.01.02] and the design envelope for the Proposed Development is set out in the Design Parameters and Commitments Document [EN0110012/APP/LVS/05.06] and the limits of deviation shown on the Works Plans [EN0110012/APP/LVS/02.03].
- 1.1.6 The geophysical surveys were undertaken in line with nationally recognised standards by SUMO Services, Archaeological Services WYAS and AOC Archaeology, all of which are Registered Organisations with the Chartered Institute for Archaeologists (CIfA).
- 1.1.7 The geophysical survey covered all surveyable areas within the seven Solar Development Sites and were undertaken by SUMO Services between April 2024 and September 2025. The survey on the Cable Route Corridor covered all accessible areas within the Cable Route Corridor and was undertaken between April 2025 and December 2025 by ASWYAS and AOC Archaeology. The interpretation of data sets was informed by the results of an archaeological desk-based assessment (Appendix 8.1: Cultural Heritage Baseline (ES Volume 3) [EN0110012/APP/LVS/06.03.08.01]).
- 1.1.8 Clear concentrations of magnetic anomalies have been identified within the Order Limits that are indicative of possible prehistoric, Roman and medieval activity.

Evidence of agricultural activity, including ridge and furrow, former field boundaries, land drains and ploughing, as well as anomalies of a modern and geological origin, have also been mapped (Annex A to Annex I).

- 1.1.9 The data is considered to be of a suitable quality, providing a reliable source of information for identifying the presence, absence and extent of buried archaeological features. The results of the geophysical survey, along with desk-based research, were used to inform a programme of evaluation trial trenching undertaken between June 2025 and October 2025, as agreed in advance with the North Yorkshire County Council.
- 1.1.10 The nature of geophysical anomalies were confirmed by trial trench evaluation, which provided further information regarding the character and depth of features (Ref 1 to Ref 6). Consequently, it is considered that there is limited potential for buried archaeological remains to be present outside of areas where geophysical survey has been completed and has identified a potential for archaeological remains to be present, which could be impacted upon by the Proposed Development.

2 Survey Areas

- 2.1.1 The geophysical survey was undertaken within the identified locations within Annex A - Annex I. The following annexes are included within this report:
- 1) Annex A: Solar Development Site 1;
 - 2) Annex B: Solar Development Site 2;
 - 3) Annex C: Solar Development Site 3; (Part B)
[EN0110012/APP/LVS/06.03.08.03.01]
 - 4) Annex D: Solar Development Site 4; (Part B)
[EN0110012/APP/LVS/06.03.08.03.01]
 - 5) Annex E: Solar Development Site 6; (Part B)
[EN0110012/APP/LVS/06.03.08.03.01]
 - 6) Annex F: Solar Development Site 7; (Part B)
[EN0110012/APP/LVS/06.03.08.03.01]
 - 7) Annex G: Solar Development Site 8; (Part B)
[EN0110012/APP/LVS/06.03.08.03.01]
 - 8) Annex H: Cable Route Corridor Part A (ASWYAS) (Part C)
[EN0110012/APP/LVS/06.03.08.03.02]; and
 - 9) Annex I: Cable Route Corridor Part B (AOC Archaeology) (Part C)
[EN0110012/APP/LVS/06.03.08.03.02].

3 Assumptions and Limitations

- 3.1.1 The surveys outlined within Annexes A to I were undertaken on the basis of the Proposed Development as it was understood at that point in time. Design development since that time means that areas may have been surveyed that are no longer within the Order Limits of the Proposed Development as it currently stands. The descriptions of the Proposed Development and naming conventions

may be different to those outlined within Chapter 2: The Proposed Development (ES Volume 1) [**EN0110012/APP/LVS/06.01.02**]. Where terms used are different, they are clearly defined within each Annex.

References

- Ref 1 CFA 2025, Light Valley Solar Project: Site 1 Archaeological Evaluation Trial Trenching, Survey Report 4752
- Ref 2 CFA 2025, Light Valley Solar Project: Site 2 Archaeological Evaluation Trial Trenching, Survey Report 4758
- Ref 3 CFA 2025, Light Valley Solar Project: Site 3 Archaeological Evaluation Trial Trenching, Survey Report 4773
- Ref 4 CFA 2025, Light Valley Solar Project: Site 4 Archaeological Evaluation Trial Trenching, Survey Report 4764
- Ref 5 CFA 2025, Light Valley Solar Project: Site 6 Archaeological Evaluation Trial Trenching, Survey Report 4755
- Ref 6 CFA 2025, Light Valley Solar Project: Sites 7 and 8 Archaeological Evaluation Trial Trenching, Survey Report 4759

Annex A Light Valley Site 1 Geophysical Survey Report



GEOPHYSICAL SURVEY REPORT

Light Valley Solar Project: Site 1

Client

Island Green Power UK Limited

Survey Report

16614-1

OASIS Ref. No.

sumogeop1-523845

Date

23 December 2024



Survey Report 16614-1: Light Valley Solar Project: Site 1

Survey dates	08-24 April 2024 13-24 May 2024 27-30 August 2024 18-27 September 2024
Field co-ordinator	Jelmer Wubs BA MA Robert Knight BA MA Simon Lobel BSc Liam Brice-Bateman BA
Field Team	Morgan Potter Janee Gagnon BSc BA MSc MA Craig Wakefield MSc Daniel Morris MSci William Vernon BA (Hons)
Report Date	23 December 2024
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Appendix B	Technical Information: Magnetic Theory
Appendix C	OASIS Data Collection Sheet
Appendix D	Data Management Plan & Archive Selection Strategy

3 SURVEY TECHNIQUE

3.1 Detailed magnetic survey (magnetometry) was chosen as the most efficient and effective method of locating the type of archaeological anomalies which might be expected at this site. All survey techniques followed the guidance set out by ClfA (2020) and the European Archaeology Council (EAC) (2016).

Bartington Grad 601-2	Traverse Interval 1.0m	Sample Interval 0.25m
Bartington Cart System	Traverse Interval 1.0m	Sample Interval 0.125m
MACS Cart System (Foerster)	Traverse Interval 1.0m	Sample Interval 0.125m

The only processes performed on data are the following unless specifically stated otherwise:

Zero Mean Traverse	This process sets the background mean of each traverse within each grid to zero. The operation removes instrument striping effects and edge discontinuities over the whole of the data set.
Step Correction (De-stagger)	When gradiometer data are collected in 'zig-zag' fashion, stepping errors can sometimes arise. These occur because of a slight difference in the speed of walking on the forward and reverse traverses. The result is a staggered effect in the data, which is particularly noticeable on linear anomalies. This process corrects these errors.

4 EXECUTIVE SUMMARY OF RESULTS

- 4.1 A magnetometer survey of 420 hectares of land at Site 1 of the Light Valley Solar Project has recorded magnetic responses that have been interpreted as being of archaeological interest. In the north of the site a ditched trackway has been plotted which appears to span the width of the survey area, extending from this track are numerous enclosures and ditches. Some of these enclosures have ring-ditches and pits located within them a possible timber building has been identified. Several clusters of archaeological responses have been recorded in many of the other fields which mark the locations of small farmsteads, enclosures and field systems. In the east of Field 1.4 the foundations of a building and spreads of demolition debris have also been plotted.
- 4.2 Historic ridge and furrow cultivation has been marked in many of the survey areas. Numerous uncertain responses have been detected throughout the data which is to be expected on a survey of this size. The majority of these have probably been caused by variations in the underlying geology or agricultural processes. However, archaeological origins for some of these responses cannot be entirely discounted. Field boundaries, land drains, ploughing and service pipes have also been recorded in the survey.

5 INTRODUCTION

- 5.1 **SUMO GeoSurveys** was commissioned to undertake a geophysical survey of an area outlined for development. This survey forms part of an archaeological investigation being undertaken by **Island Green Power UK Limited**.
- 5.2 This survey is part of the Light Valley Solar Project which is composed of a five separate magnetometer survey reports.
- 5.3 Site Details

NGR / Postcode	SE 65083 41837 / YO19 6EJ
Location	The site is located 9km north of Selby and 1km south-east of Escrick. The survey area surrounds Mount Pleasant Farm / Tiledshed Farm / Manor Farm and it is bounded to the west / south-east by Skipwith Road and to the north by Wheldrake Lane.
HER	North Yorkshire HER
OASIS Ref. No.	sumogeop1-523845
District	N/A
Parish	Escrick
Topography	Generally flat
Land Use	Arable / Pasture
Geology (BGS 2024)	Bedrock: Sherwood Sandstone Group - Sandstone Superficial: Skipwith Sand Member - Sand, clayey, gravelly Escrick Moraine Member - Clay, sandy, gravelly Thorganby Clay Member - Clay, silty
Soils (CU 2024)	Soilscape 8: Slightly acid loamy and clayey soils with impeded drainage Soilscape 15: Naturally wet very acid sandy and loamy soils Soilscape 18: Slowly permeable seasonally wet slightly acid but base-rich loamy and clayey soils
Survey Methods	Magnetometer survey (fluxgate gradiometer)
Study Area	420 ha

5.4 Archaeological Background

5.4.1 See Below a table of non-designated heritage assets within Site 1.

Field No.	HER Record	Summary
1.4	MNY26351	19th Century to Modern quarry in the south-east of Field 1.4
1.34	MNY24075	Romano-British enclosure site - boundary ditch, sub-rectangular enclosure, metal working site?
1.34	ENY3480	In March 2002, Archaeological Services WYAS carried out a Magnetometry Survey along the route of the Yorkshire Derwent Aqueduct Duplication Main. Anomalies of a likely archaeological origin, closely corresponding to known cropmarks, were identified
1.37	MNY37042	Fragmentary field system south of Mount Pleasant Farm - Early Iron Age to Roman
1.40 / 1.41	ENY3479	In March 2002, Archaeological Services WYAS carried out a Magnetometry Survey along the route of the Yorkshire Derwent Aqueduct Duplication Main. No archaeological anomalies were identified
1.42	MNY37043	Extensive field system south-west of Whinchat Hall which extends westwards beyond Field 1.42. - Early Iron Age to Roman
1.45	MNY17727	Possible field system of unknown date
1.45	ENY3478	In March 2002, Archaeological Services WYAS carried out a Magnetometry Survey along the route of the Yorkshire Derwent Aqueduct Duplication Main. No archaeological anomalies were identified.

5.5 Aims and Objectives

5.5.1 To locate and characterise any anomalies of possible archaeological interest within the study area.

6 RESULTS

6.1 *The survey has been divided into 40 survey areas (Fields 1.1 to 1.46) and specific anomalies have been given numerical labels [1] [2] which appear in the text below, as well as on the Interpretation Figure(s). At the time of the survey Field 1.20 was a wildflower meadow and Field 1.41 was a coppice which rendered these two areas unsurveyable. Gaps in the data in other parts of the site have been caused by waterlogging, sever rutting or overgrown vegetation.*

6.2 Probable / Possible Archaeology

6.2.1 Numerous magnetic responses have been detected throughout the site which have been interpreted as being of archaeological interest. They have been assigned to the categories of *Probable* and *Possible Archaeology* in accordance with their magnetic strengths.

6.2.2 In Field 1.1 (See Figures 6-8) a series of linear responses have been detected which appear to form a rectangular enclosure [1] which measures 46m by 35m. A second tentative partial enclosure [2] has also been plotted. A ditch is visible extending northwards of the first

enclosure, beyond the limits of the survey. These anomalies may be associated with a complex of responses that have been detected in Fields 1.2 and 1.3 (see below: 6.2.3).

- 6.2.3 In Field 1.2 and 1.3 (See *Figures 9-11*) two parallel linear anomalies [3], aligned east - west, probably mark the location of a trackway. Extending northwards and southward of the trackway are numerous ditches which in places appear to form enclosures. Within one of these enclosures is a well-defined ring-ditch [4] while other pit-like anomalies and weaker ring-shaped responses have also been plotted. Many of these responses extend northward beyond the limits of the survey which has hindered a more confident interpretation. Numerous other square, rectangular and sub-rectangular enclosures [5] are visible in these fields which could indicate smaller nucleated farmsteads, stock enclosures or be part of wider scale land division.
- 6.2.4 In the north-west of Field 1.5 (See *Figures 9-11*) a rectangular response [6], which measures 20m by 8m, is composed of intermittent pit-like and gully-like responses; weaker trends tentatively suggest it may have a surrounding ditch. The response could be the remains of a building, possibly of post / timber beam construction.
- 6.2.5 In the south-east of Field 1.4 (See *Figures 9-11*) magnetically strong linear anomalies and trends have been plotted which are located within a zone of increased response [7]. They have been categorised as being of *Possible Interest*. These anomalies could have been caused by a relatively modern building foundations and spreads of demolition debris; however, no building is visible on available historic mapping. A 19th Century quarry is located due south of the responses (MNY26351), so these anomalies could also be associated with this quarrying activity.
- 6.2.6 Numerous ditch-like anomalies, trends and pits [8] in Fields 1.8 (See *Figures 12-14*) which mark the locations of several enclosures, a ring-ditches, other ditches and pits. This cluster of anomalies [8] appears to be located on a ditched trackway [9] which is similar in width to the one detected in Fields 1.2 and 1.3 (see 6.2.3; [3] and could be a continuation. The trackway hasn't been detected between these settlement / farmsteads, and this may be due to the absence of magnetically detectable debris in the ditch fills.
- 6.2.7 In the south-west of Field 1.9 (See *Figures 12-14*) a few trends [10] have been marked and tentatively interpreted as being *Possible Archaeology*. They are magnetically weak and appear to extend westwards beyond the limits of the site which has hindered a more confident interpretation. On balance it is thought these anomalies are anthropogenic in origin.
- 6.2.8 Magnetically weak linear responses [11] in Fields 1.11 and 1.12 (see *Figures 15-17*) could also be a continuation of the trackway [3] (see 6.2.3) and [9] (see 6.2.6). Numerous other magnetically weak trends are visible in this part of the site which may mark the locations of enclosures and ditches. However, these anomalies have been difficult to interpret with confidence due to the surrounding increased levels of magnetic background 'noise'.
- 6.2.9 Two circular anomalies [12 & 13] have also been marked in Fields 1.11 and 1.12 (see *Figures 15-17*) which measure 16m and 15m in diameter. There is no apparent break in the response [12], but a break in the second anomaly [13] could indicate a south facing entrance.
- 6.2.10 In the west of Field 1.15/1.16/1.17 (see *Figures 15-17*) a rectangular enclosure [14] measuring 50m by 50m has been detected; an apparent break in the east of the enclosure likely marks an entrance. Subdividing ditches and pits are apparent within the enclosure. A zone of increased response has been detected surround these anomalies which could be due to spreads of settlement debris. Ditches are visible extending westward and northward beyond the enclosure. In the east of Field 1.15/1.16/1.17 is another cluster of anomalies [15] which marks the location of another small farmstead; three ring-ditches, enclosure, ditches and pits are all visible. Two

strong responses [16] within a zone of increased response due north of the farmstead could be evidence of small-scale industrial activity i.e. small ovens, kilns or metal working.

- 6.2.11 In Field 1.13 (see Figures 18-20) an enclosure [17] measures 30m by 35m, a break in the south-west of the response could be an entrance. A few weak trends extend beyond the enclosure to the south which are likely to mark other ditches.
- 6.2.12 A tentative partial enclosure [18] has been detected in Field 1.25 (see Figures 27-29). It measures 28m by 34m but the south-western limits of the anomaly are not visible in the data.
- 6.2.13 In Fields 1.28 and 1.29 (see Figures 33-35) the remains of a partial rectangular enclosure [19] have been plotted straddling the two survey areas; it measures 150m by 60m. Three ring-ditches have been marked within the southern half and a rectangular anomaly is visible in the north-west. 100m to the south-west ring-like anomalies and weak trends [20] have also been detected which could also be of interest. In the east of Field 1.28 a well-defined enclosure [21] is also visible and two clear ring-ditches have been plotted within it. A few weaker anomalies have also been detected outside of the enclosure.
- 6.2.14 A number of ditch-like response, trends and a zone of increased response [22] have been marked in Field 1.30 (see Figures 36-38) which have tentatively been assigned to the category of *Possible Archaeology*; however, they could have been caused by other relatively modern processes.
- 6.2.15 In Field 1.34 (see Figures 42-44) a series of linear anomalies [23] and pit-like responses [24] have been marked as being of *Possible Interest*. Ordinarily these anomalies might not warrant such a categorisation as they are magnetically weak and ill-defined; however, they are located within close proximity of a Romano-British enclosure site, comprised of boundary ditches, sub-rectangular enclosure and possible metal working (MNY24075 & ENY3480). The responses detected in the survey could be a continuation of these excavated features.
- 6.2.16 Tentative trends and a ditch-like anomaly [25] have been plotted in Field 1.37 (see Figures 48-50). The HER records a Fragmentary field system south of Mount Pleasant Farm of early Iron Age to Roman date in this location (MNY37042) and the magnetic anomalies could be part of this field system.
- 6.2.17 In the south-west of Field 1.39/1.40 (see Figure 51-53) a cluster of archaeological anomalies [25] includes three oval anomalies abutting each other. A pair of ditches extend eastwards from the central ring ditch to form a possible entranceway. Other ditches and pits have been detected, some of them appear to form circular and rectangular patterns. In places these responses have been difficult to interpret due to the presence of an adjacent pipe. In the east of Field 1.39/1.40 a few trends [26] have been detected which could also have archaeological origins, they could be an enclosure and associated ditches. They have also been difficult to interpret as land drains plus ridge and furrow cultivation are present in the results.
- 6.2.18 Weak linear and curvilinear trends plus a few pit-like responses [27] have been detected in Field 1.45 (see Figures 60-62) which have been tentatively interpreted as being *Possible Archaeology*. They correspond with the location of a possible field system of unknown date recorded in the HER (MNY17727). However, it should be noted a magnetometry survey along the route of the Yorkshire Derwent Aqueduct Duplication Main, due west of these anomalies, failed to detect any archaeological responses (ENY3478,) suggesting the field system are not strongly magnetically enhanced, hence the weak responses.

6.3 **Ridge and Furrow**

- 6.3.1 Broad and parallel linear anomalies of varying alignments and magnetic strengths have been detected across the survey areas which have been caused by historic ridge and furrow

cultivation. In places, it has been difficult to distinguish between the ridge and furrow cultivation and land drains (See 6.6.2).

6.4 ***Uncertain***

6.4.1 Numerous trends, discrete anomalies and zones of increased response have been detected throughout the survey which have been assigned to the category of *Uncertain* which is to be expected on a survey of this size. The majority of these responses have probably been caused by underlying natural variations, agricultural processes or spreads of relatively modern debris. However, archaeological origins for some of these anomalies cannot be discounted due to the proximity of archaeological features that have been detected in the magnetic data. Also, Fields 1.42 and 1.45 are on the edge of known field systems MNY37043, and the numerous weak responses could be of interest.

6.5 ***Former Field Boundary – Corroborated / Conjectural***

6.5.1 Linear responses throughout the survey area have been recorded which correspond with the routes of former field boundaries that are visible on historic mapping (see Figure 63).

6.5.2 A number of conjectural field boundaries have also been mapped in Fields 1.7, 1.18, 1.25, 1.33, 1.37 and 1.39/1.40. While these responses do not correspond with recorded boundaries on available historic mapping, they have a similar magnetic signature and hence their categorisation.

6.6 ***Agricultural – Ploughing / Land Drains / Tramlines***

6.6.1 Weak and ill-defined parallel anomalies are visible in Field 1.43/1.44 which have been caused by relatively modern ploughing.

6.6.2 Evenly spaced parallel responses on multiple alignments, in some cases forming herringbone patterns, have been detected in the magnetic data. They have been caused by land drains. In places, it has been difficult to distinguish between the land drains and historic ridge and furrow cultivation due to the magnetic strengths of the anomalies.

6.6.3 In Fields 1.1 and 1.2 sets of parallel trends mark the routes of agricultural tractor tramlines.

6.7 ***Natural / Geological / Pedological***

6.7.1 Sinuous and amorphous bands of increased response are visible in the magnetic data in Fields 1.28, 1.30, 1.33, 1.46 and 1.46; they are interpreted as being natural in origin.

6.8 ***Service***

6.8.1 Two strong dipolar ferrous responses have been recorded in Fields 1.34, 1.39/1.40, 1.43/1.44 and 1.45 which mark the routes of two underground aqueducts. Two magnetically weaker responses have also been detected in Field 1.5 which probably mark the locations of small water pipes.

6.9 ***Ferrous / Magnetic Disturbance***

6.9.1 Zones of magnetic disturbance have been detected in many of the fields. They have probably been caused by spreads of debris, landscaping or removal of former field boundaries. Most of Field 1.36 is magnetically disturbed which may be associated with the instillation of a drainage system.

6.9.2 Ferrous responses close to boundaries are due to adjacent roads, buildings, fences and gates. Smaller scale ferrous anomalies ("iron spikes") are present throughout the data and are characteristic of small pieces of ferrous debris (or brick / tile) in the topsoil; they are commonly

assigned a modern origin. Only the most prominent of these are highlighted on the interpretation diagram.

7 DATA APPRAISAL & CONFIDENCE ASSESSMENT

- 7.1 Historic England Table 4 (EH 2008) states that the typical magnetic response on the local soils / geology is variable. The results from this survey indicate the presence of enclosures, trackways, ditches and pits; consequently, the technique is deemed to have worked well.

8 CONCLUSION

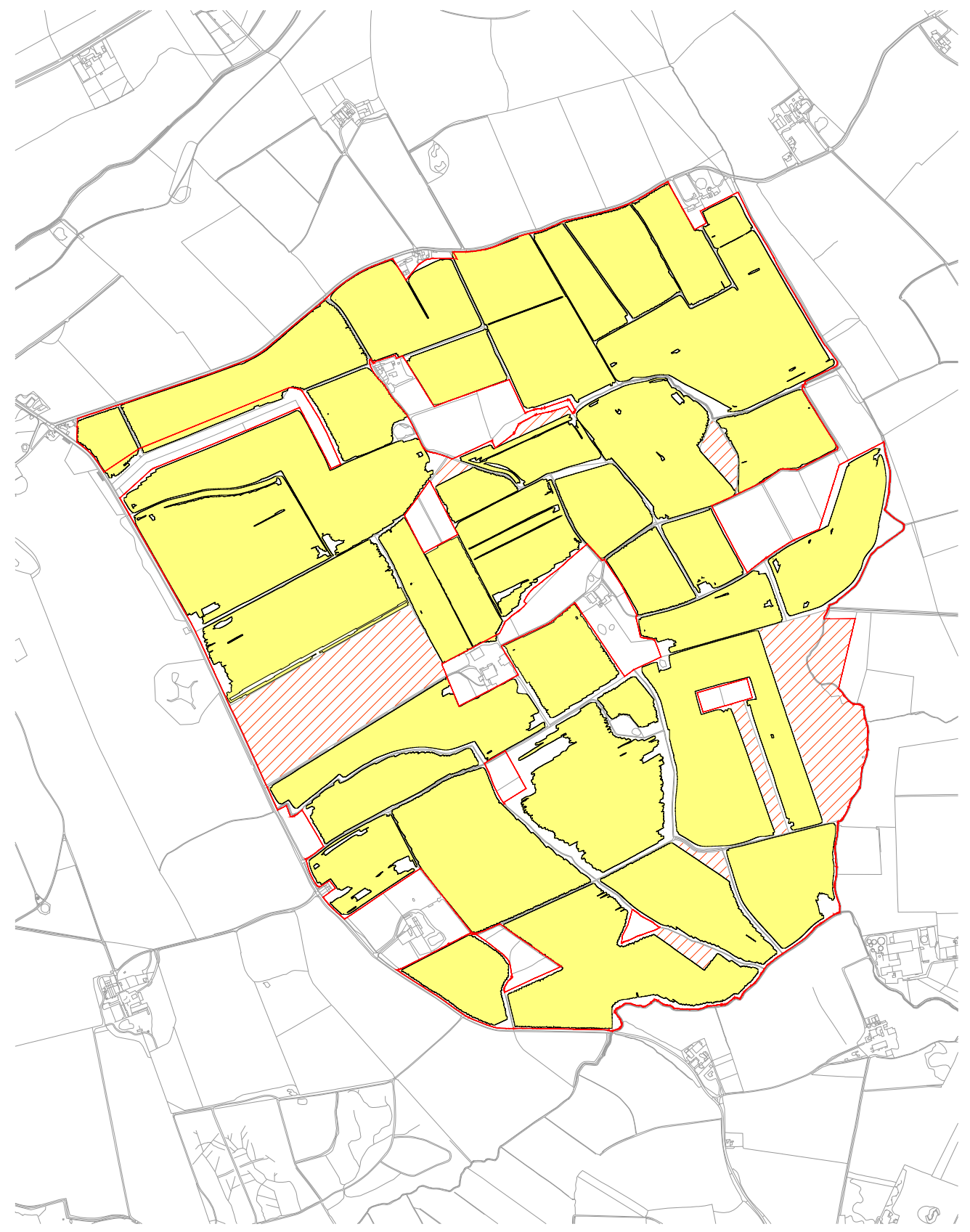
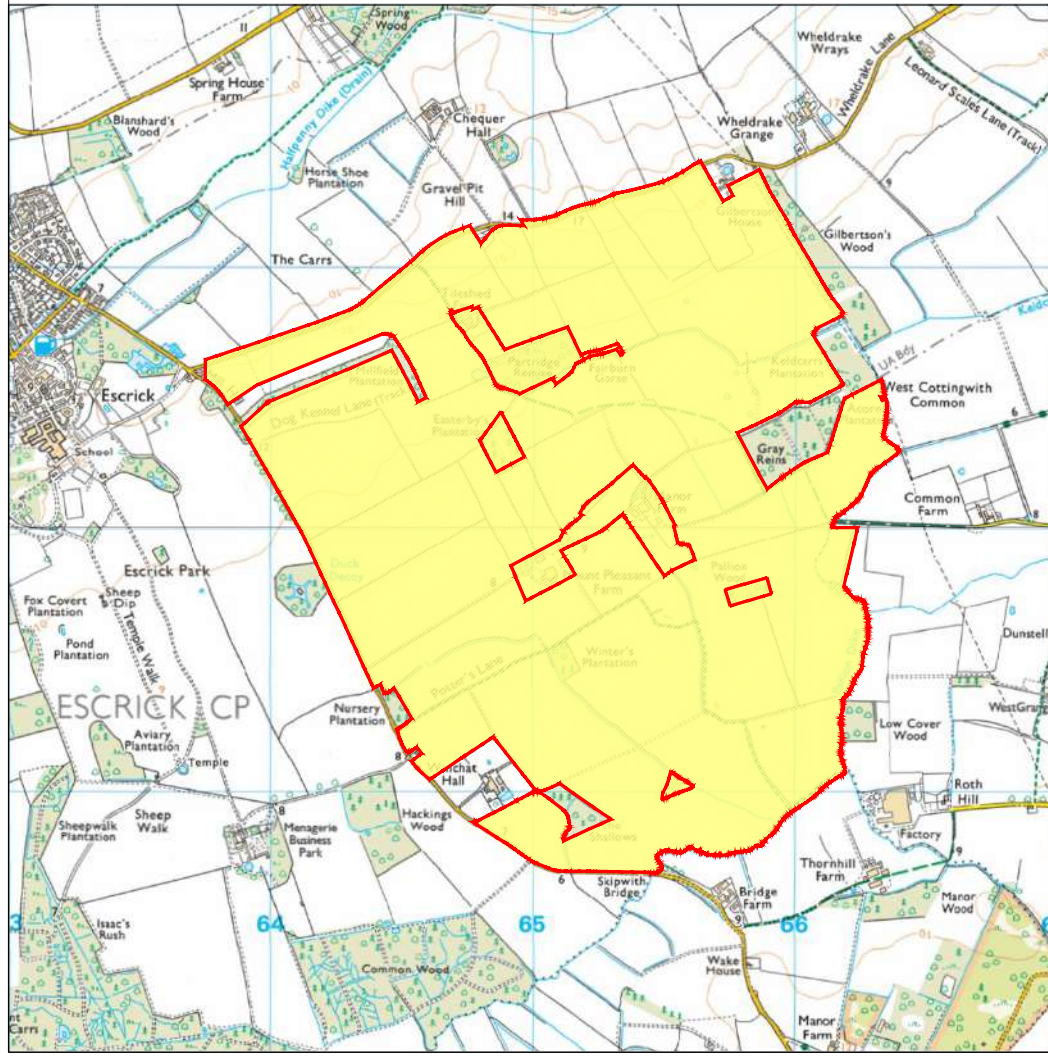
- 8.1 The magnetometer survey has recorded numerous magnetic responses which have been interpreted as being of archaeological interest. In the north of the site a ditched trackway has been plotted which appears to span the width of the survey area; it has been intermittently recorded for a distance of 1.8 km. Extending either side of this track are enclosures and ditches, some of which have ring-ditches and pits within them. In the north-west of Field 1.5 the location of a possible post-pit building has been marked. Several clusters of archaeological responses have also been recorded in Fields 1.13, 1.15/1.16/1.17, 1.28, 1.29, 1.30, 1.37, 1.39/1.40 and 1.45 which represent small farmsteads, enclosures and field systems. In the east of Field 1.4 the foundations of a relatively modern building and spreads of demolition debris have been plotted.
- 8.2 Historic ridge and furrow cultivation have been marked in many of the survey areas. Numerous responses of uncertain origin have been marked throughout the data which is to be expected on a survey of this size. The majority of these have probably been caused by variations in the underlying geology or agricultural processes. However, archaeological origins for some of these responses cannot be entirely discounted.
- 8.3 Corroborated and conjectural former field boundaries have been plotted throughout the survey and modern ploughing effects are visible in Field 1.43/1.44. Land drains have also been detected in many of the fields along with agricultural tractor tramlines in Fields 1.2 and 1.3. Amorphous zones of natural response are visible in Fields 1.28, 1.30, 1.33, 1.46 and 1.46. Two strong dipolar ferrous anomalies have been recorded in Fields 1.34, 1.39/1.40, 1.43/1.44 and 1.45 which mark the routes of two underground aqueducts. While two smaller pipes have also been detected in Field 1.5.

9 REFERENCES

- BGS 2024 *Geology of Britain Viewer*, British Geological Survey, website:
██
- ClfA 2020 *Standard and Guidance for Archaeological Geophysical Survey*. 2014 amended
2020. ClfA Guidance note. Chartered Institute for Archaeologists, Reading
██
- CU 2024 *The Soils Guide*. www.landis.org.uk. Cranfield University, UK. website:
██
- EAC 2016 *EAC Guidelines for the Use of Geophysics in Archaeology*, European Archaeological
Council, Guidelines 2.
- EH 2008 *Geophysical Survey in Archaeological Field Evaluation*. English Heritage, Swindon
(now withdrawn, but used for evaluating suitability of soil types)

10 ARCHIVE

- 10.1 The minimally processed data, data images, XY traces and a copy of this report are stored in **SUMO GeoSurveys'** digital archive, on an internal RAID configured NAS drive in the Midlands Office. These data are also backed up to the Cloud for off-site storage.
- 10.2 The Grey Literature will be archived with OASIS and the relevant HER within a period of 12 months.

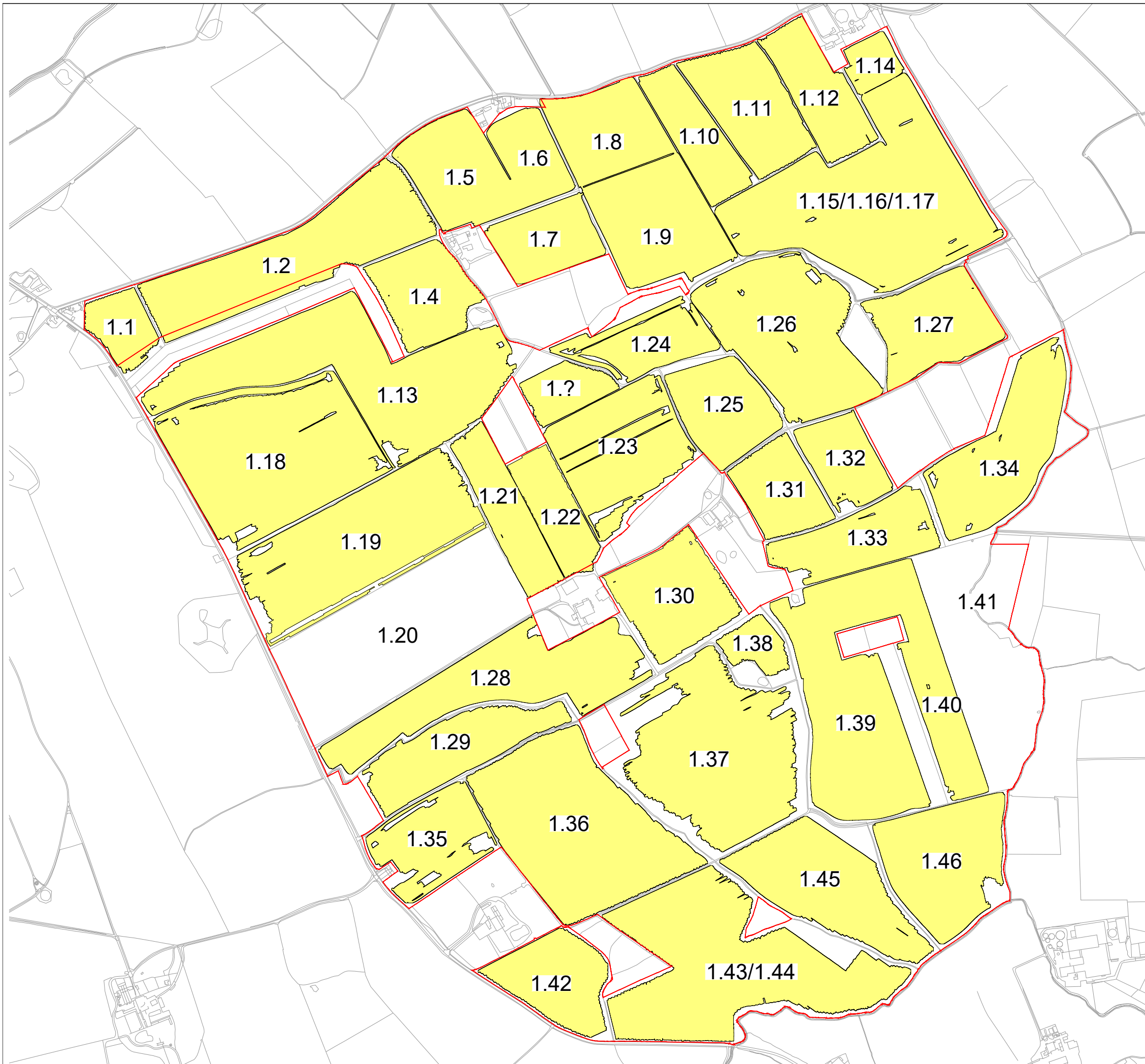


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- Survey Areas
- Unsurveyable Area



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Client:	Island Green Power UK Limited
Project:	16614-1 - Light Valley Solar Project: Site 1
Scale:	NOT TO SCALE
	Fig No: 01



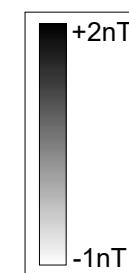
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Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 500
1:10,000 @ A3

Fig No: 02



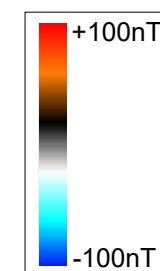
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Magnetometer Survey - Greyscale Plots

Client:
Island Green Power UK Limited

Project:
16614-1 - Light Valley Solar Project: Site 1

Scale:
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1:10,000 @ A3

Fig No:
03



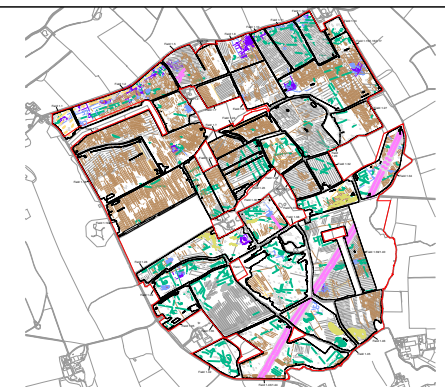
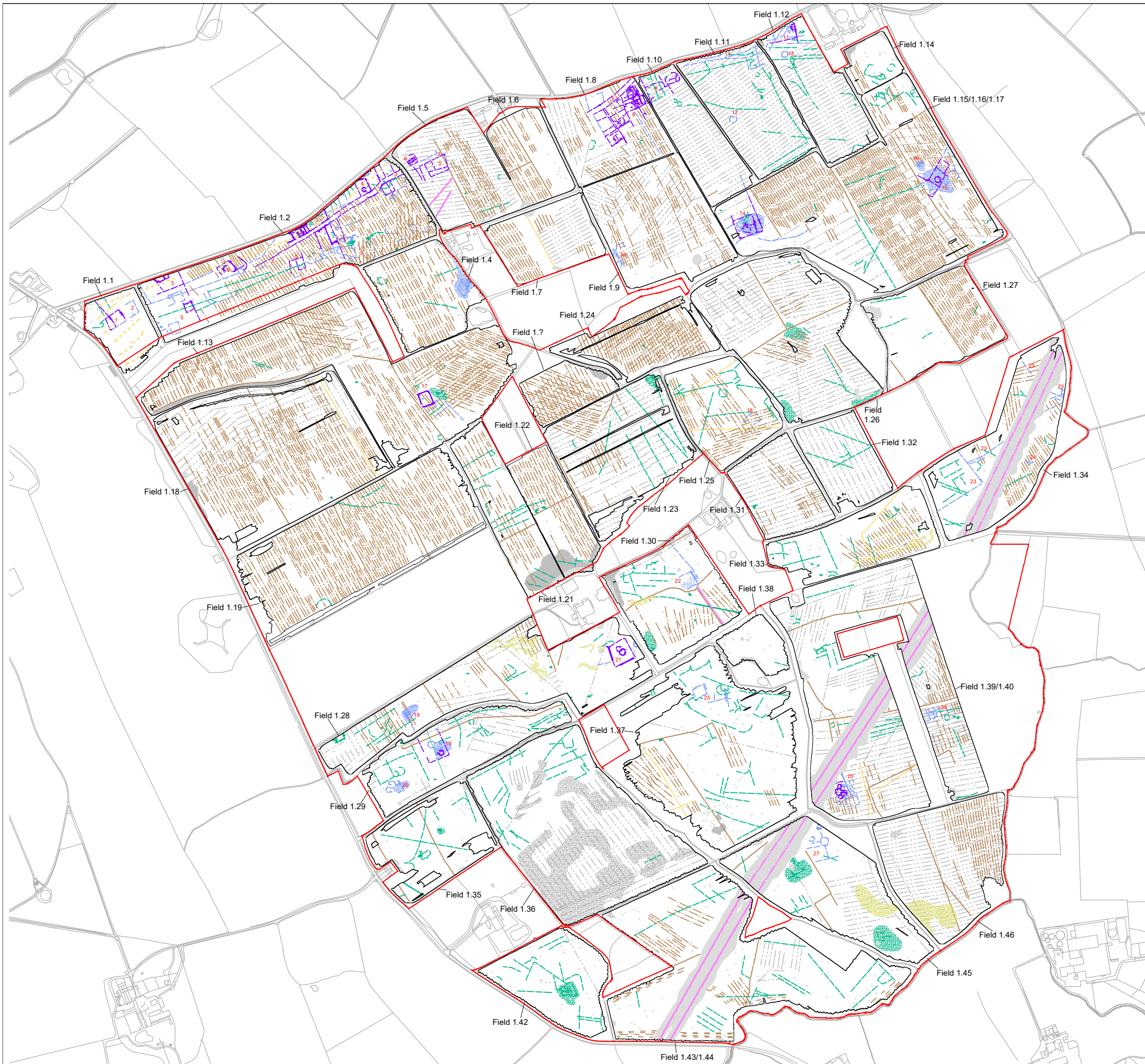
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Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 500
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Fig No: 04

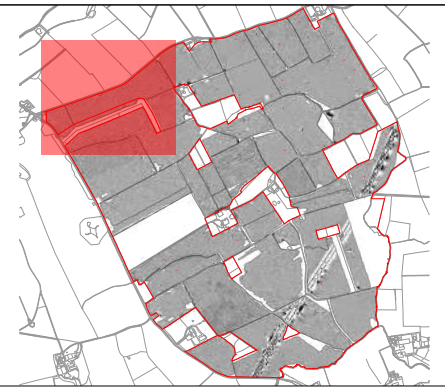
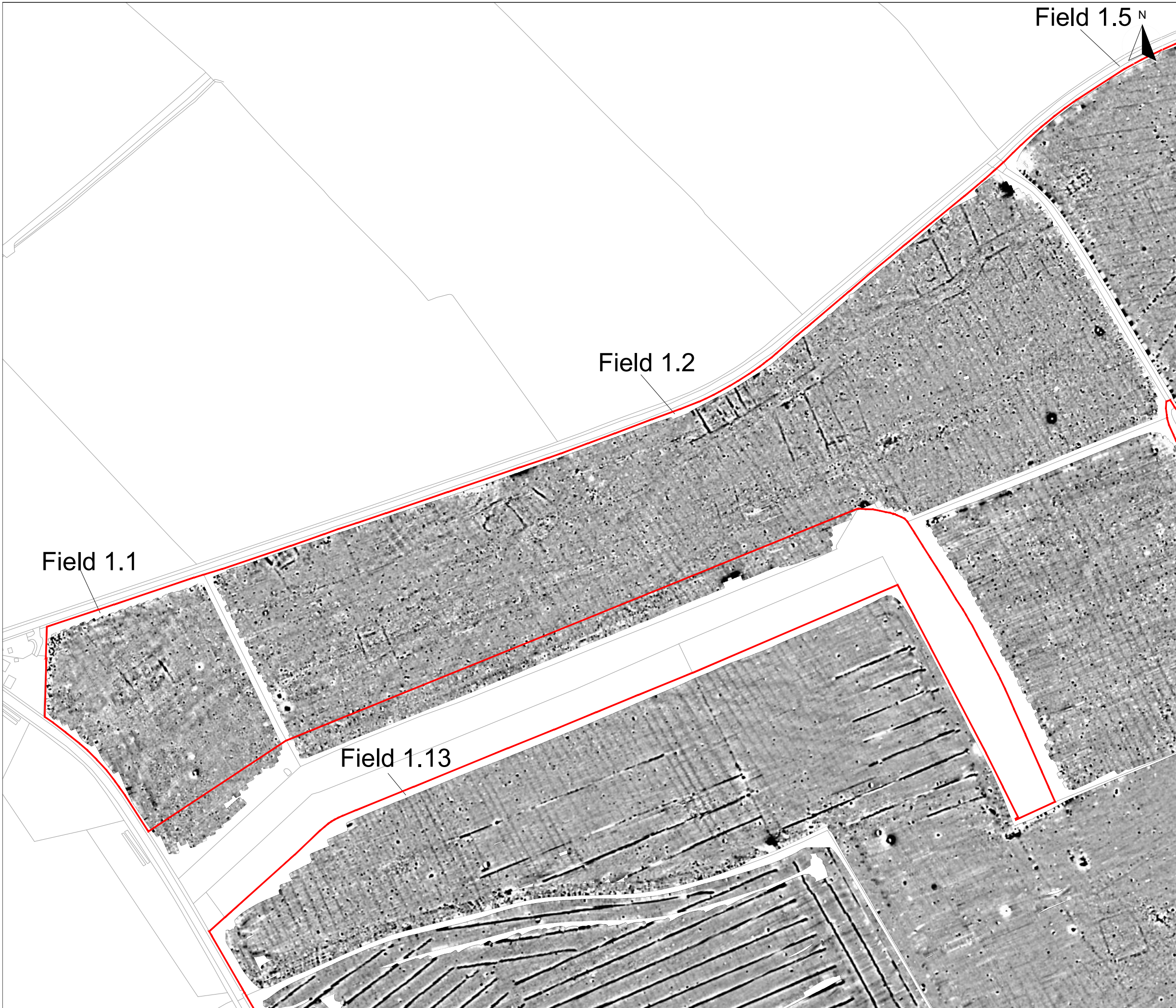


KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Title: Magnetometer Survey - Interpretation	
Client: Island Green Power UK Limited	
Project: 16614-1 - Light Valley Solar Project: Site 1	
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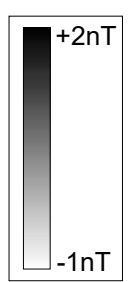


Field 1.1

Field 1.2

Field 1.5 ^N

Field 1.13



Title: Magnetometer Survey - Grayscale Plots (Fields 1.1 & 1.2)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

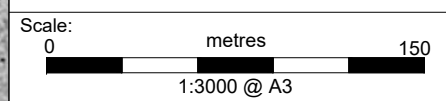


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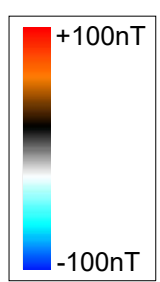


Field 1.1

Field 1.2

Field 1.5 ^N

Field 1.13



Title: Magnetometer Survey - Colour Plots (Fields 1.1 & 1.2)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

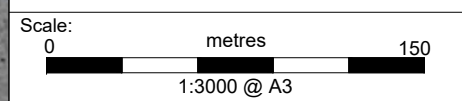
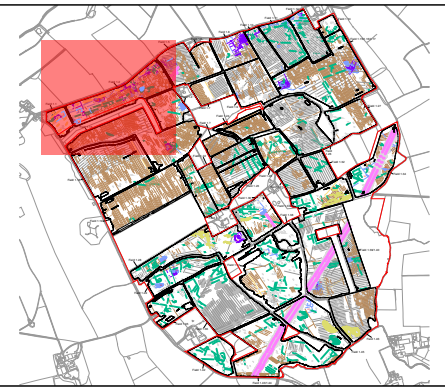
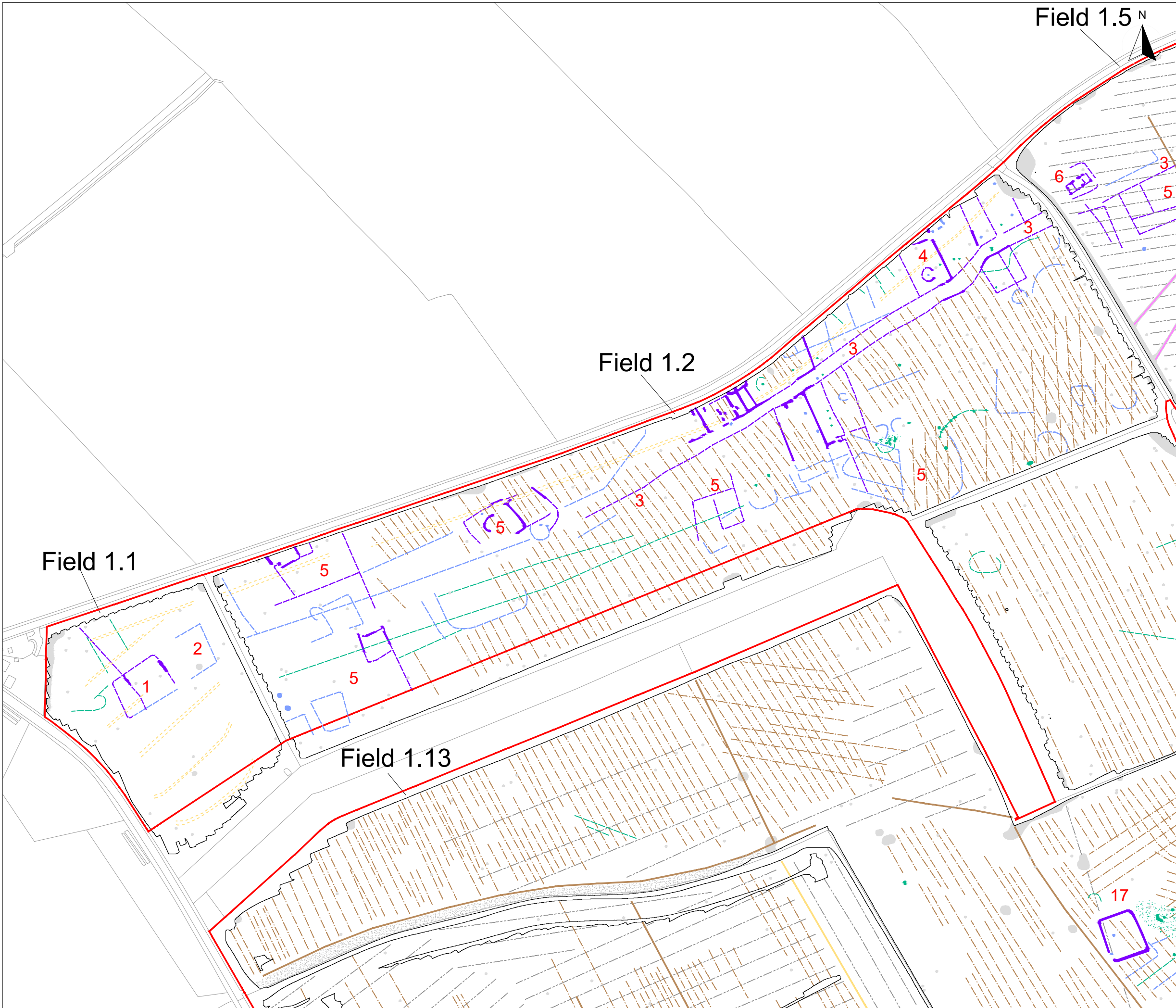


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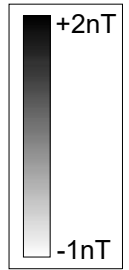
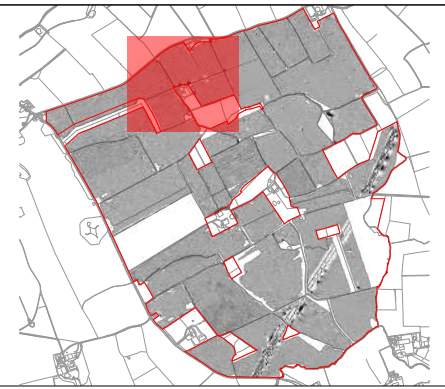
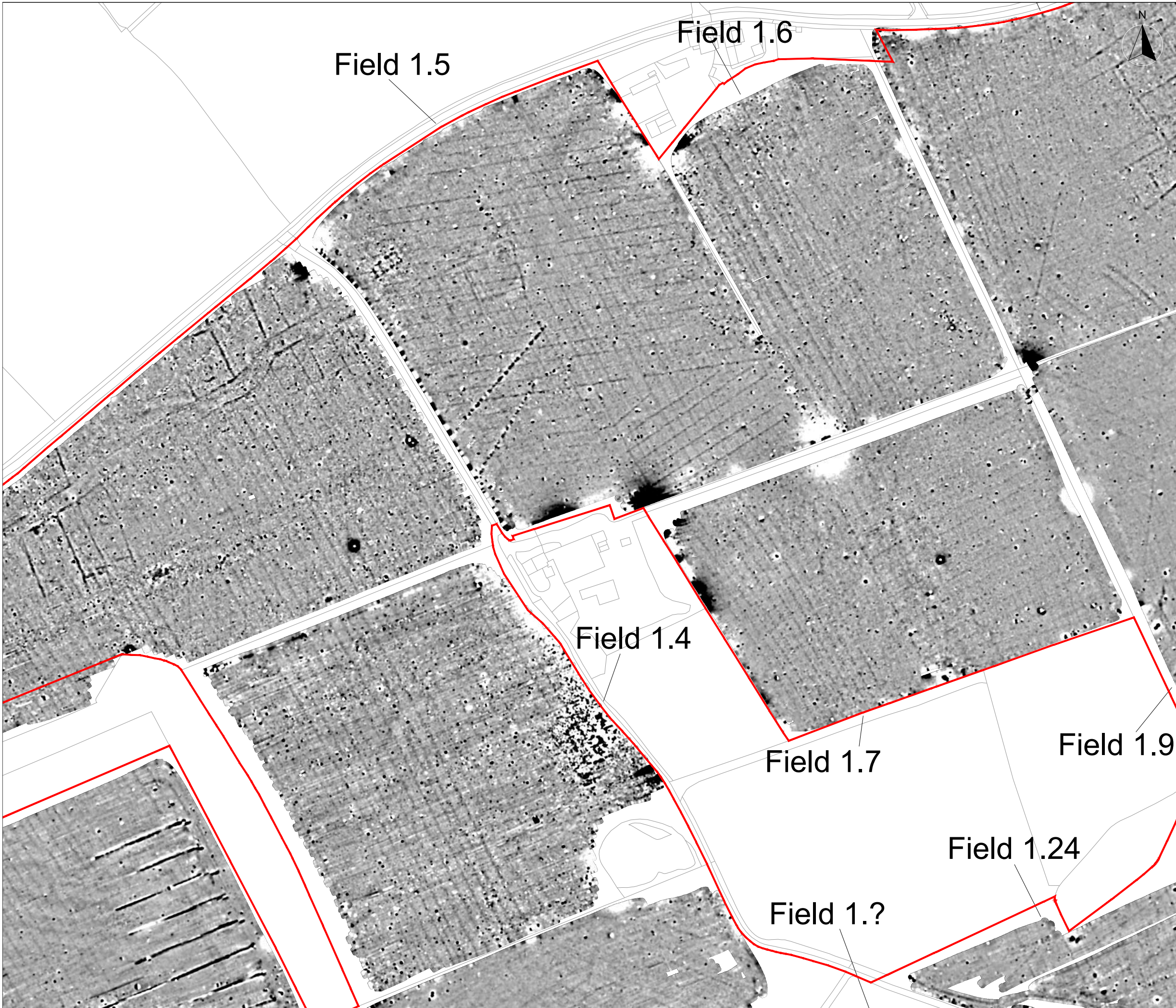
KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Title: Magnetometer Survey - Interpretation (Fields 1.1 & 1.2)
 Client: Island Green Power UK Limited
 Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 150
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 Fig No: 08



Title: Magnetometer Survey - Grayscale Plots (Fields 1.4, 1.5, 1.6 & 1.7)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

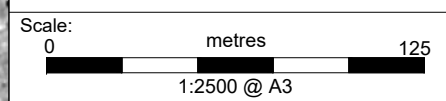
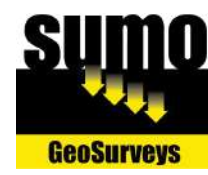
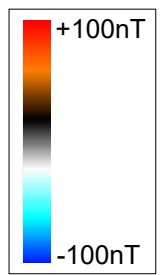
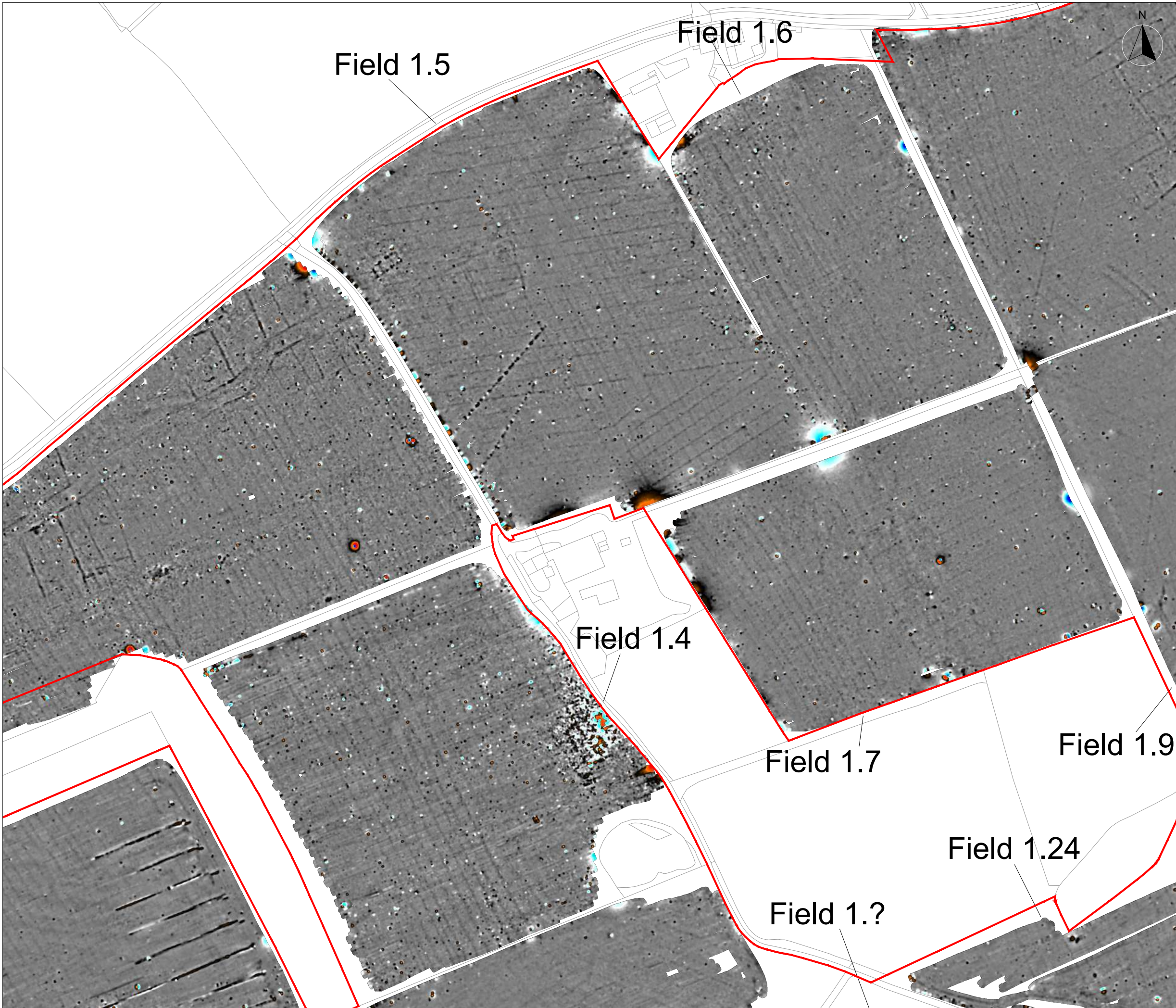


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Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

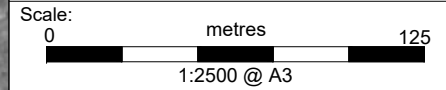
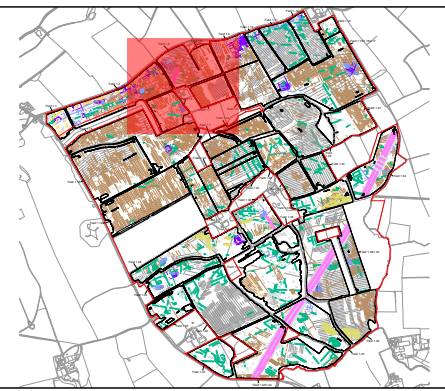
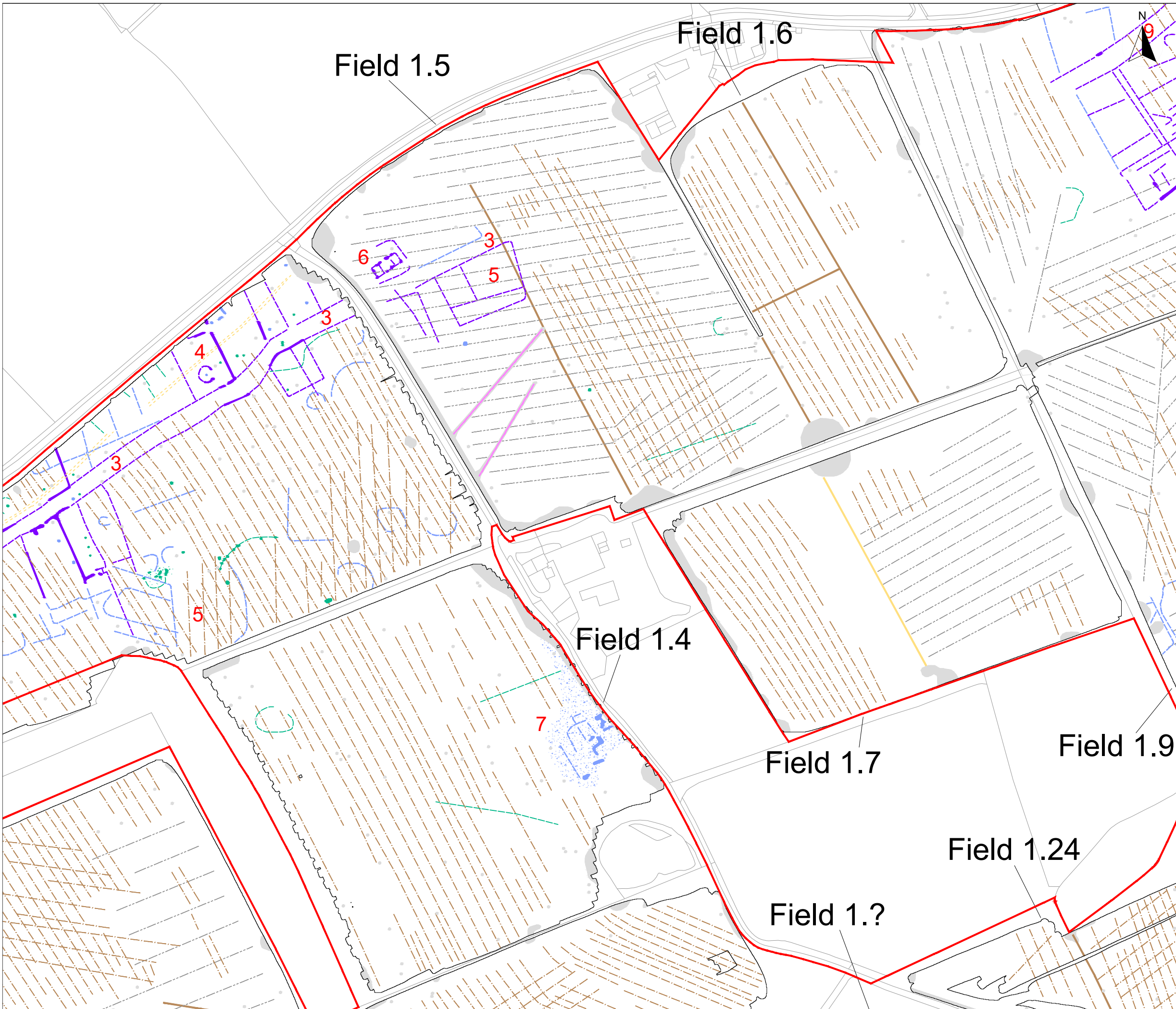


Fig No: 10



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



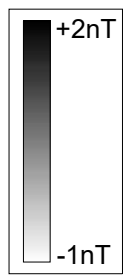
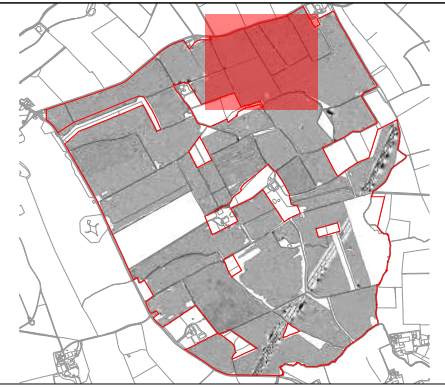
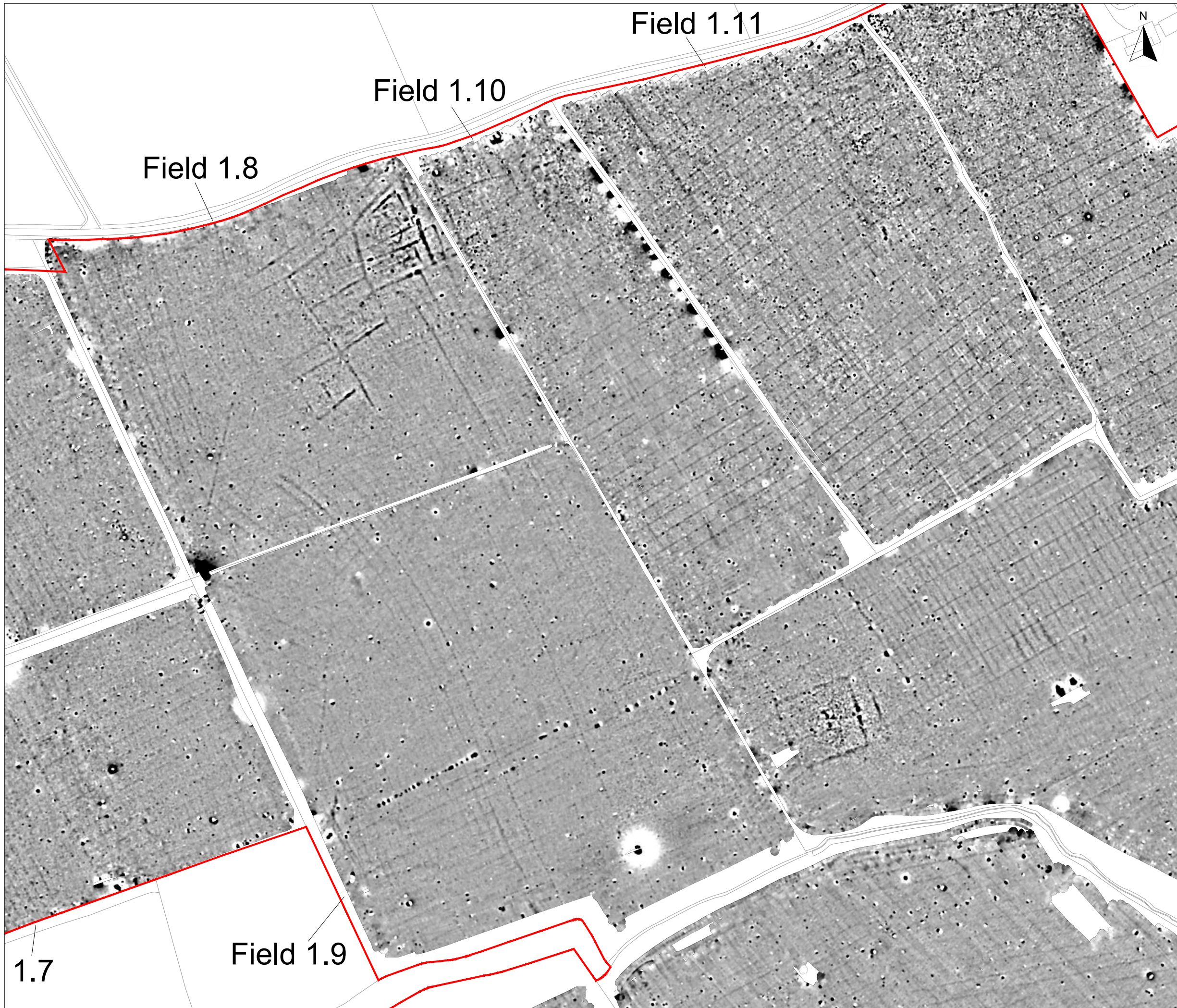
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Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 125
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Fig No: 11



Title: Magnetometer Survey - Greyscale Plots (Fields 1.8, 1.9, 1.10 & 1.11)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

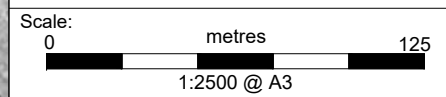
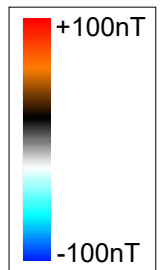
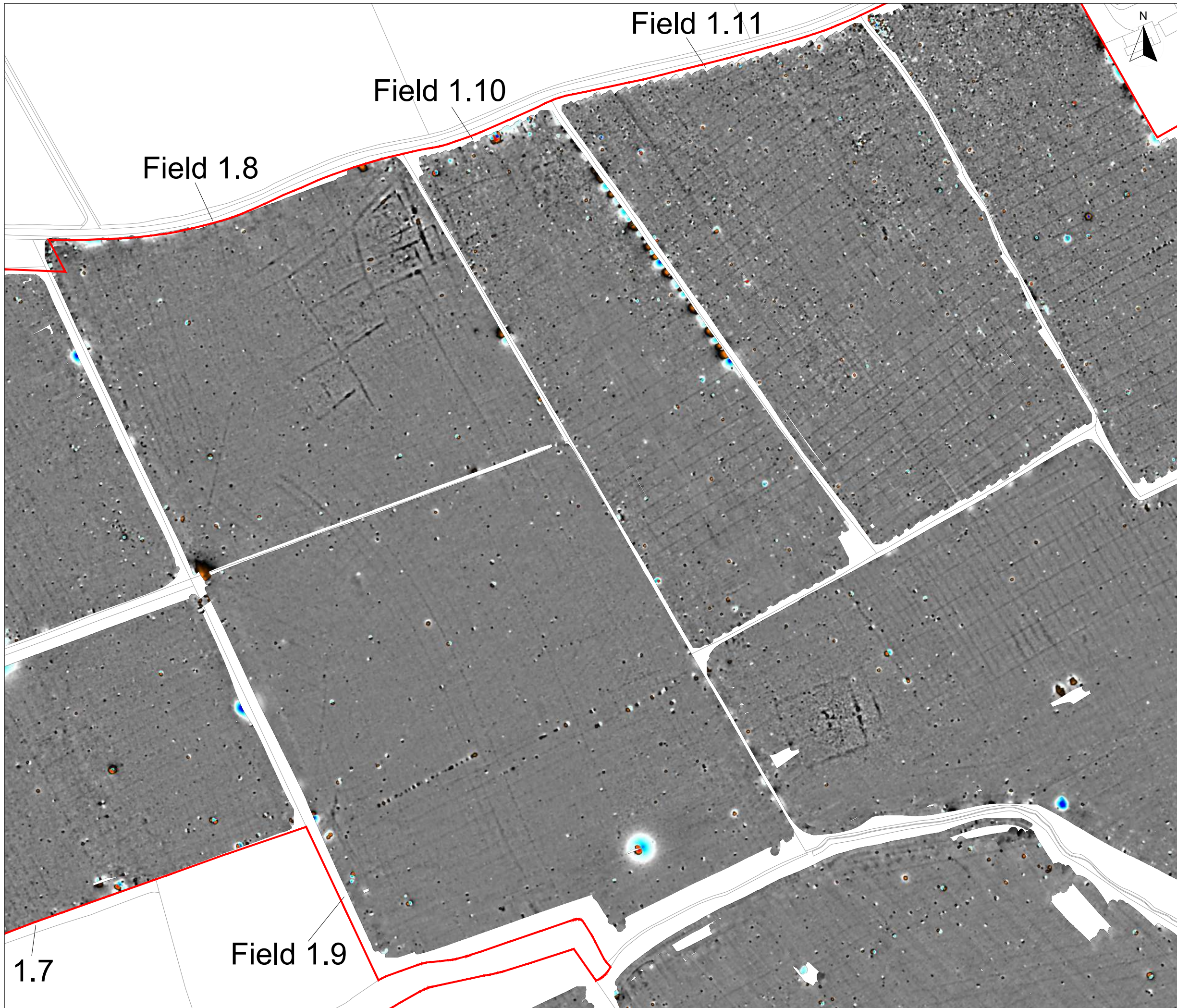


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Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

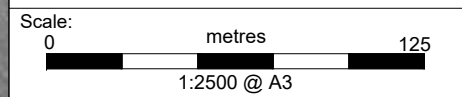
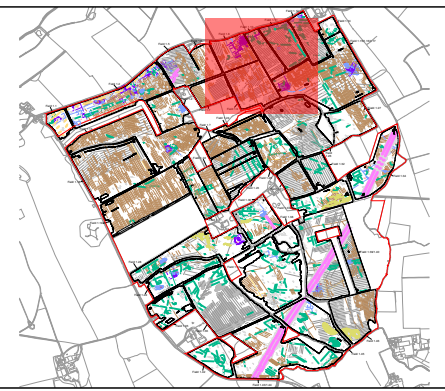
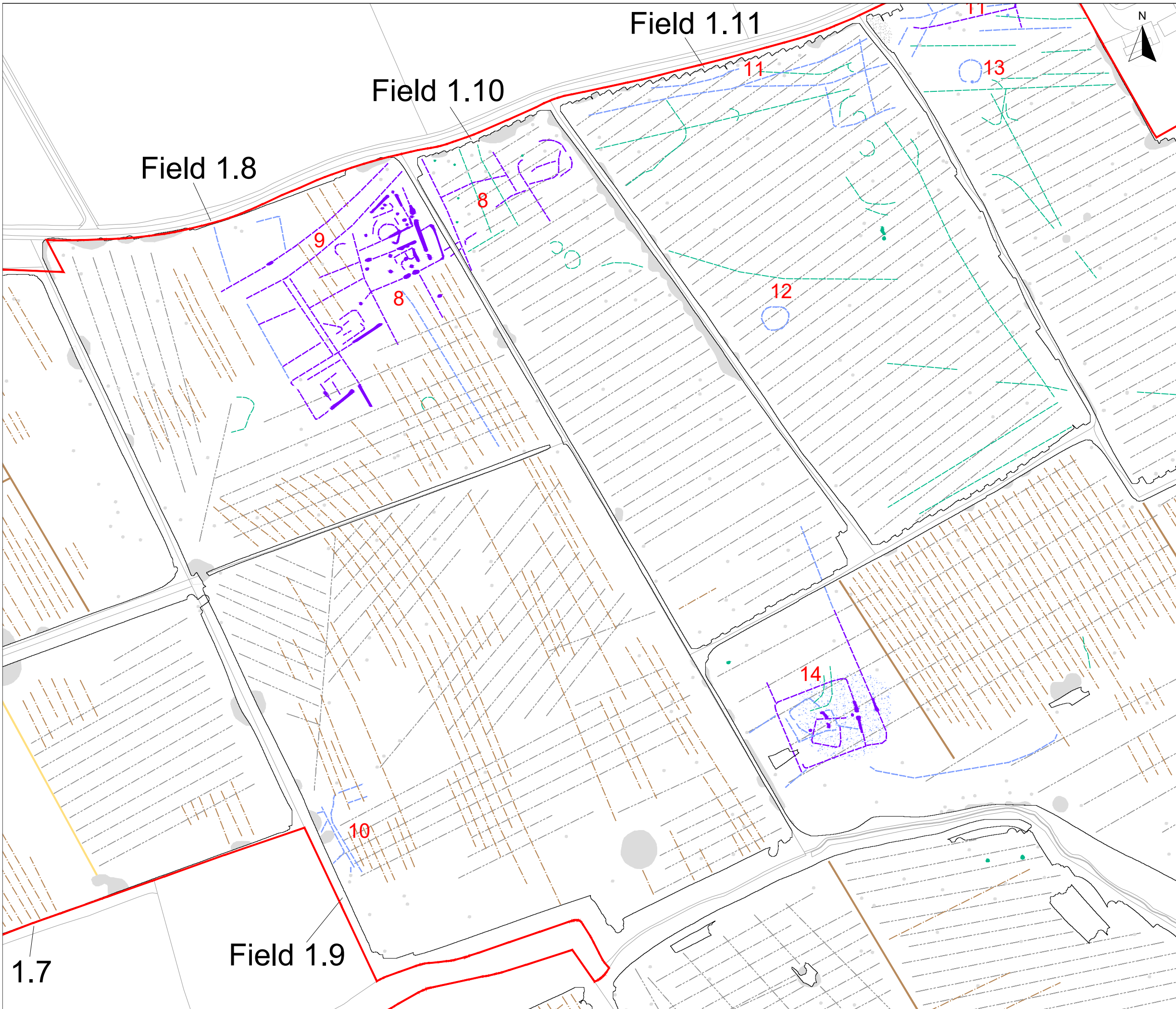


Fig No: 13



KEY

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	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



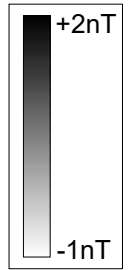
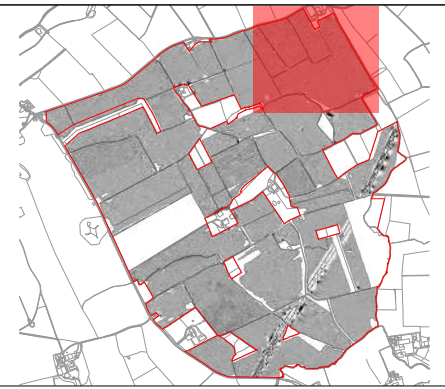
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Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 125
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Fig No: 14



Title: Magnetometer Survey - Greyscale Plots
(Fields 1.11, 1.12, 1.14 & 1.15/1.16/1.17)

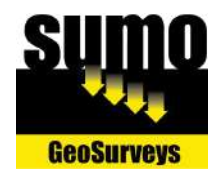
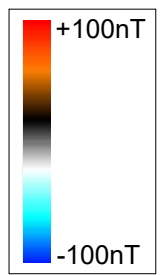
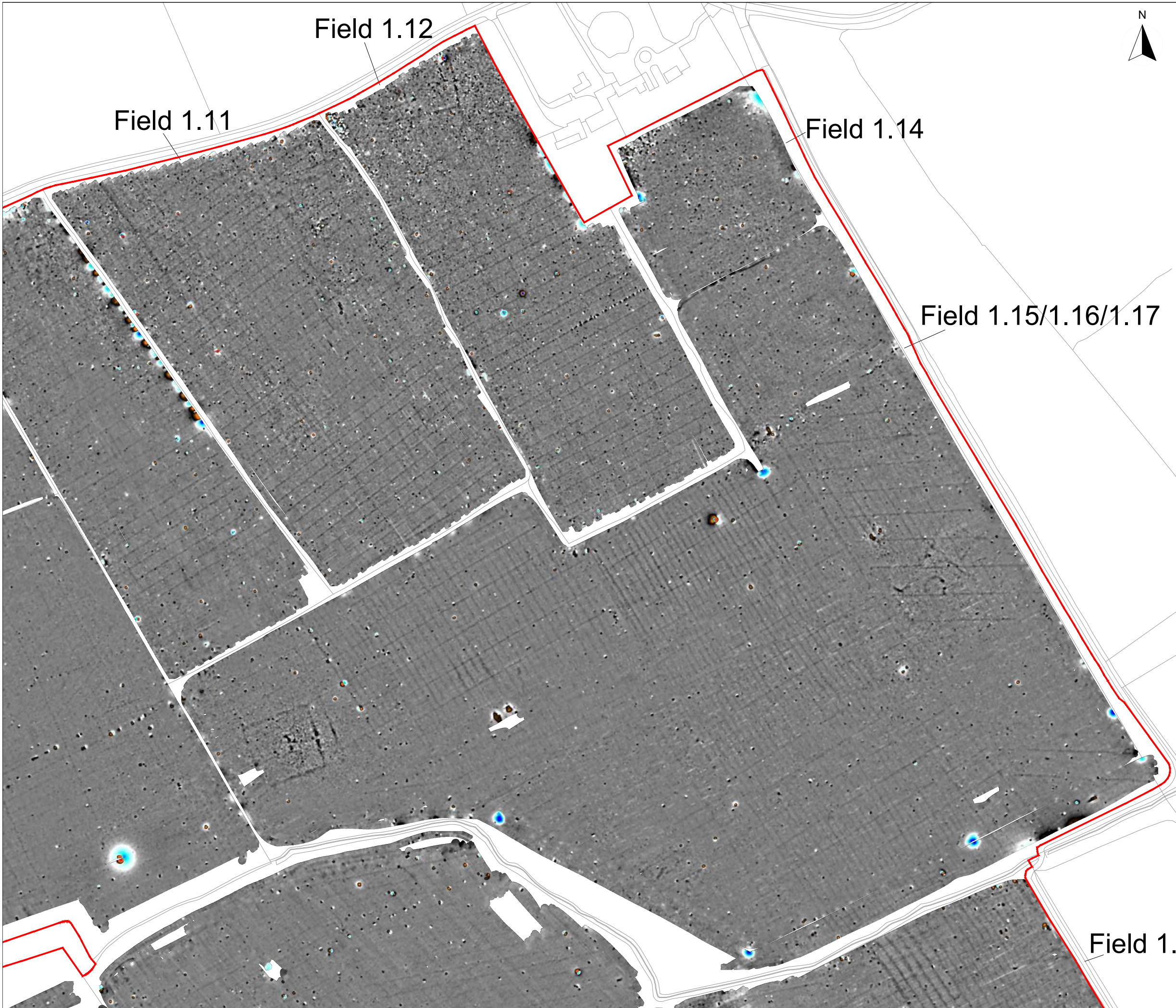
Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
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Fig No: 15

Field 1.



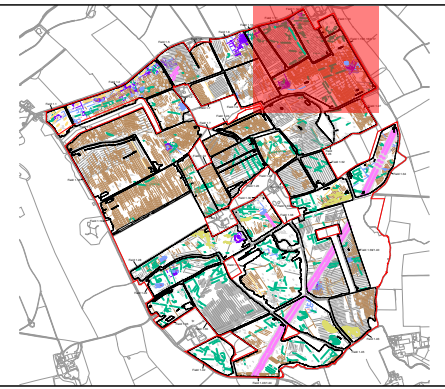
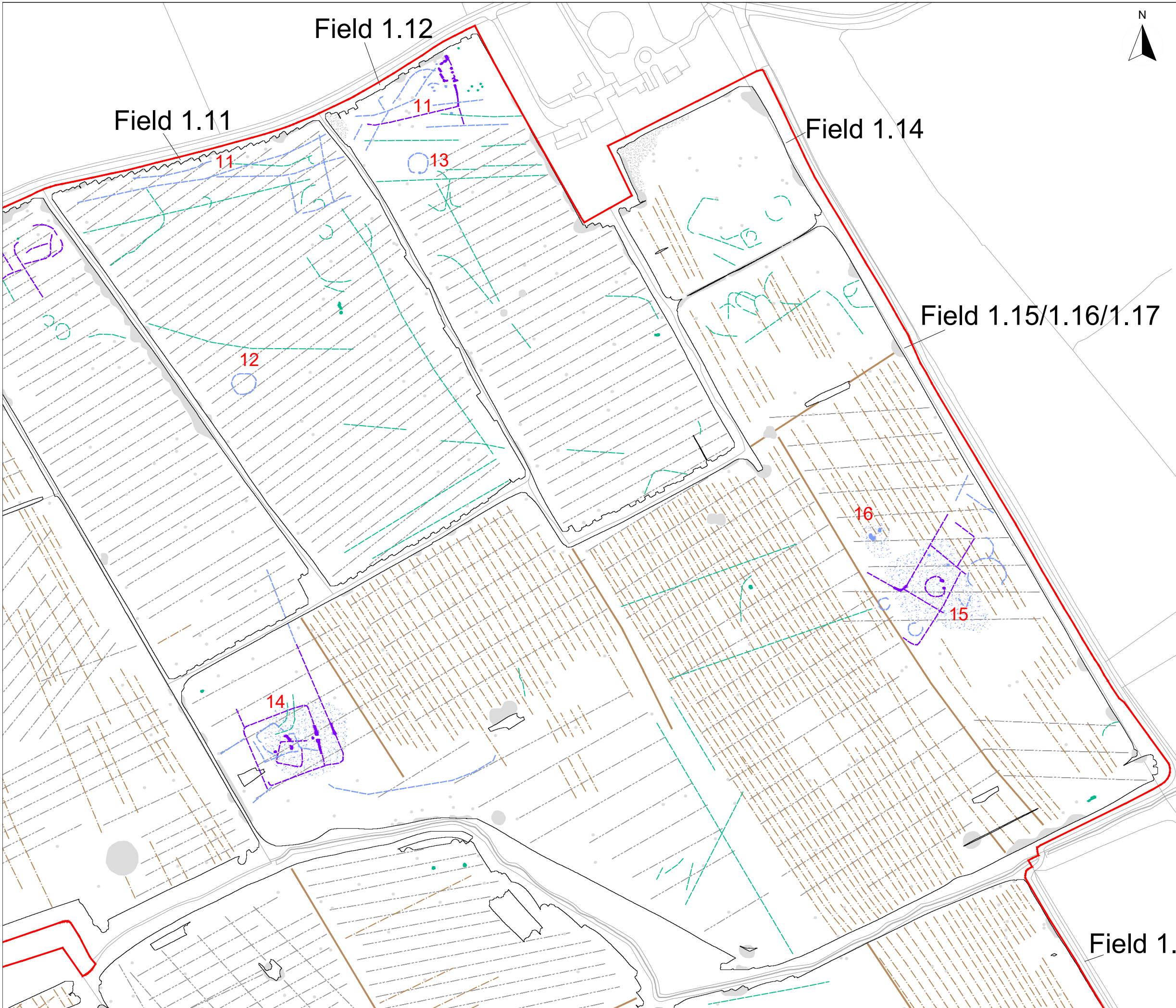
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(Fields 1.11, 1.12, 1.14 & 1.15/1.16/1.17)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
1:2800 @ A3

Fig No: 16



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



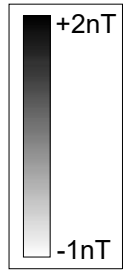
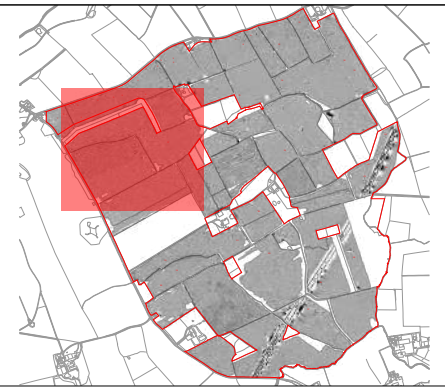
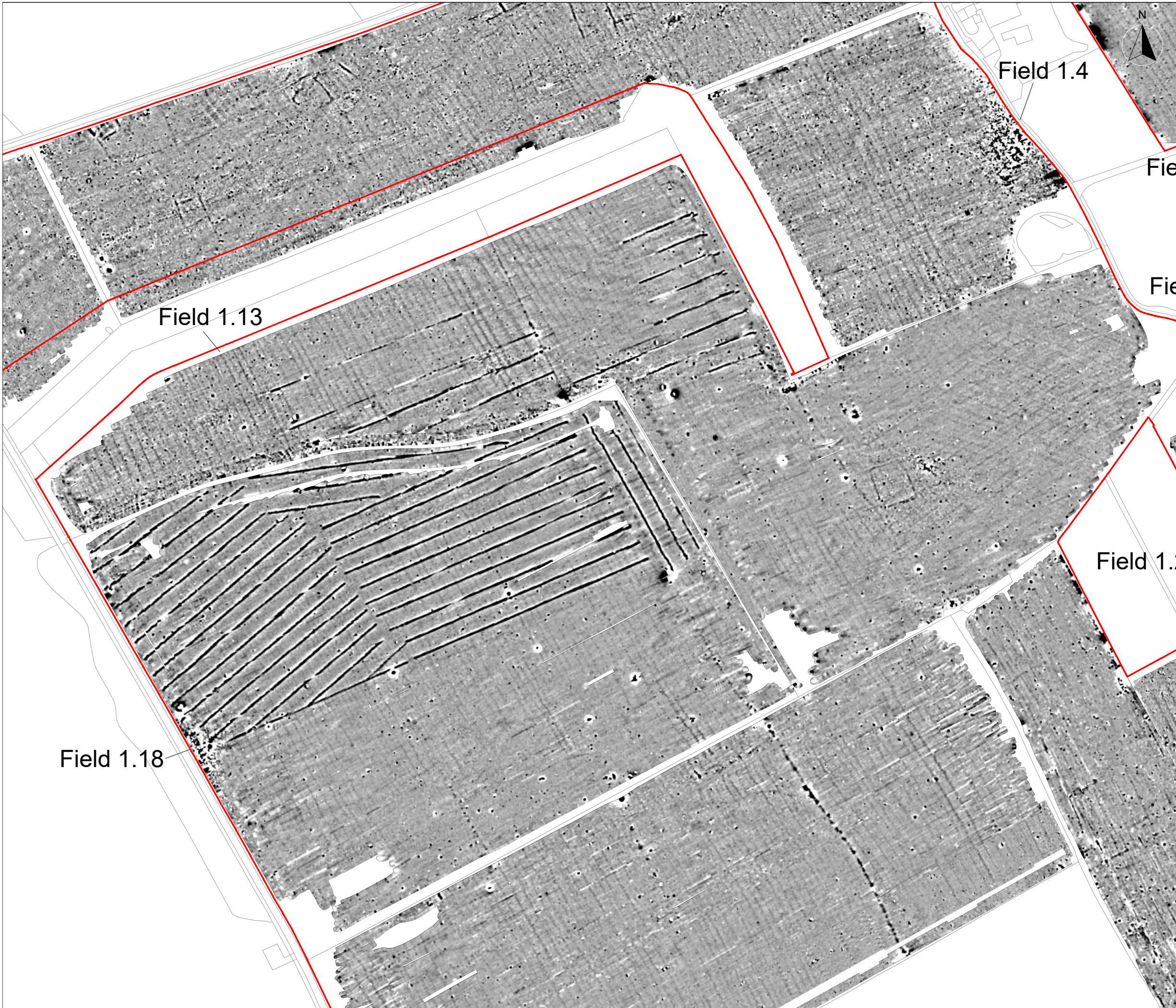
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(Fields 1.11, 1.12, 1.14 & 1.15/1.16/1.17)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
1:2800 @ A3

Fig No: 17



Title: Magnetometer Survey - Grayscale Plots
(Fields 1.13 & 1.18)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

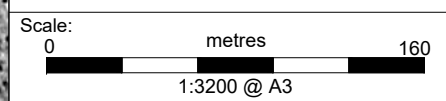
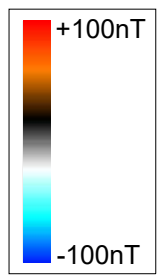
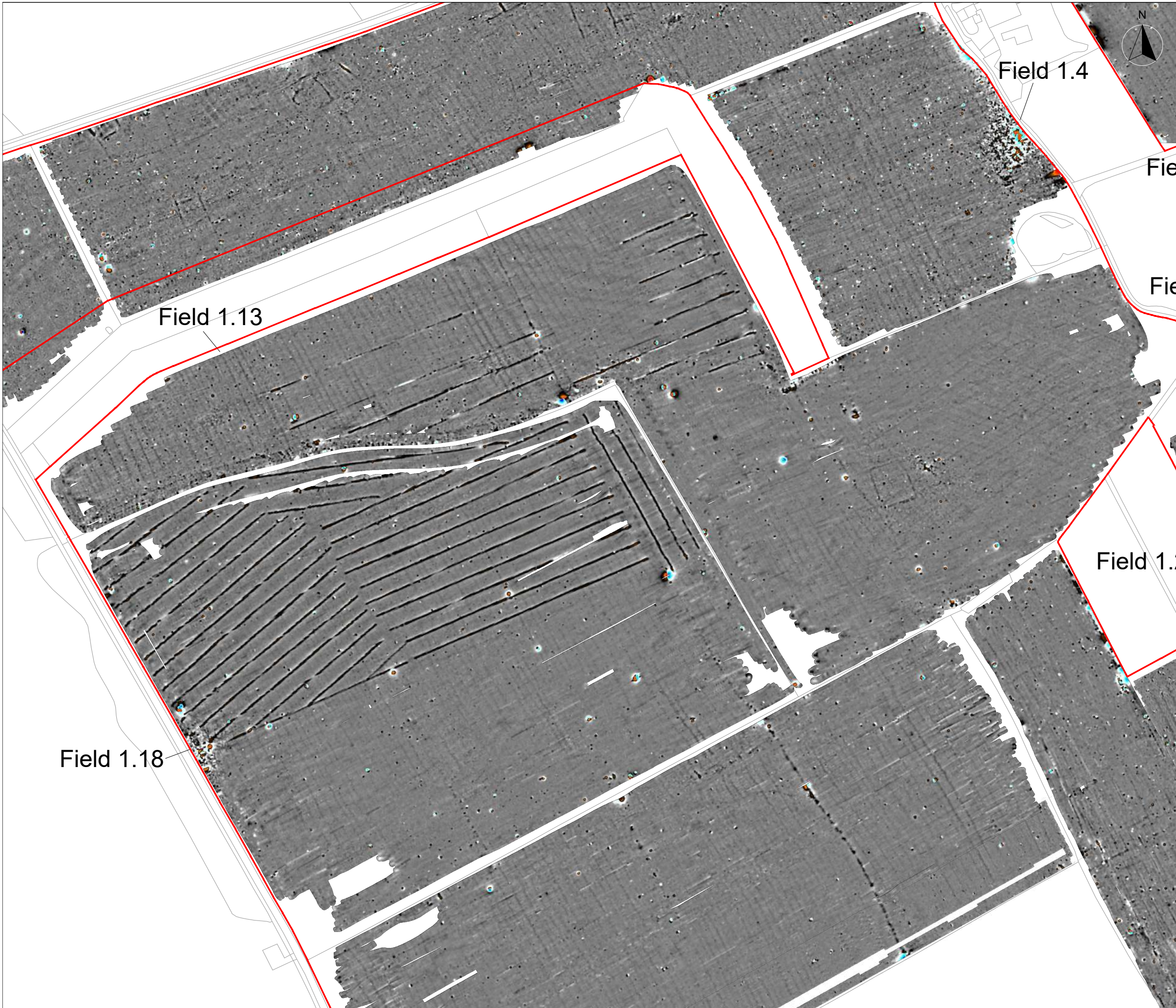


Fig No: 18



Title: Magnetometer Survey - Colour Plots
(Fields 1.13 & 1.18)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

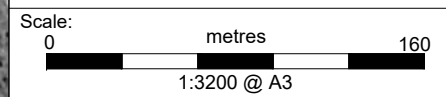
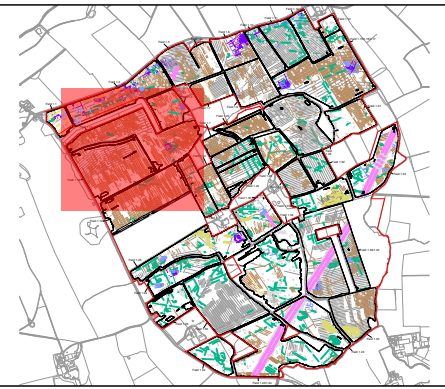
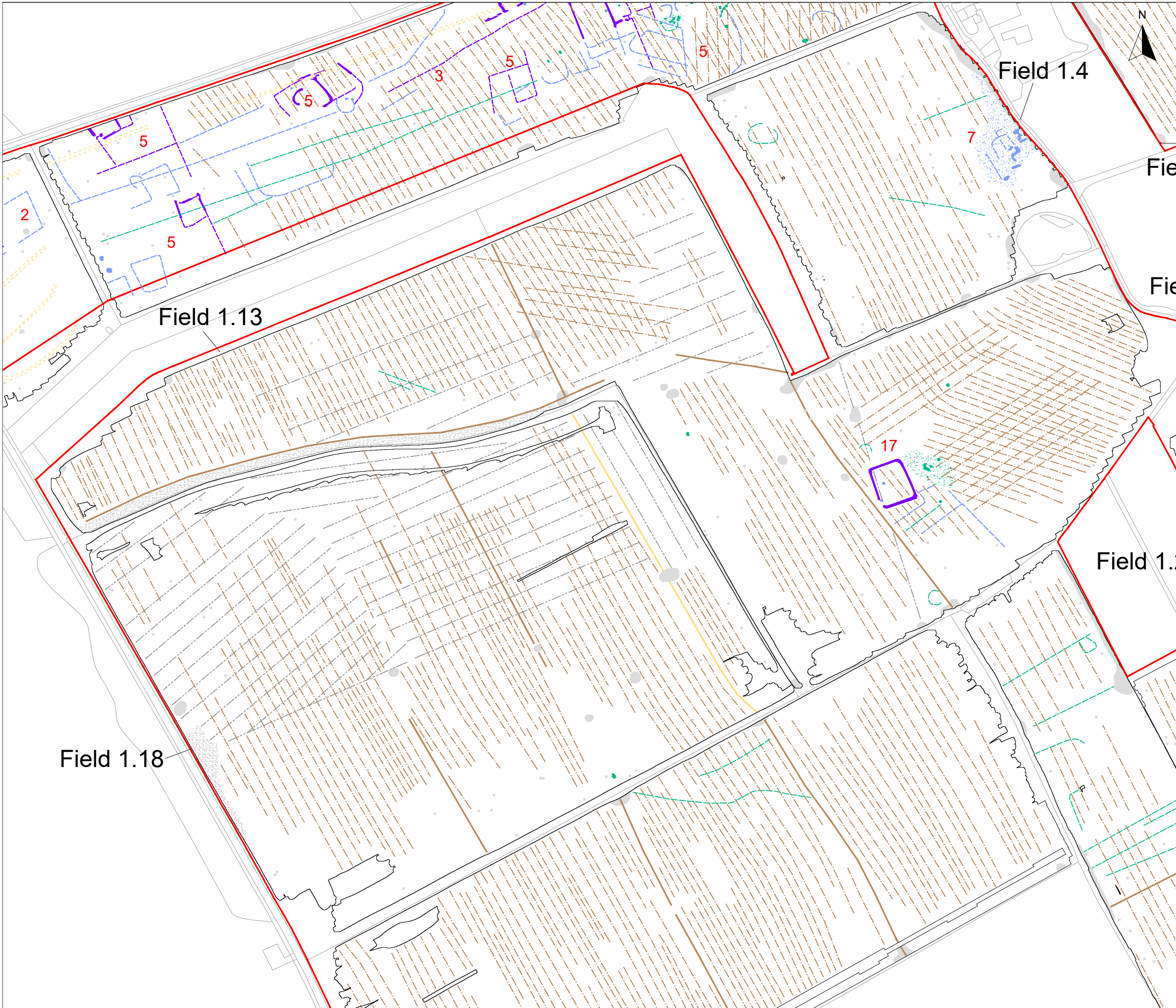


Fig No: 19



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



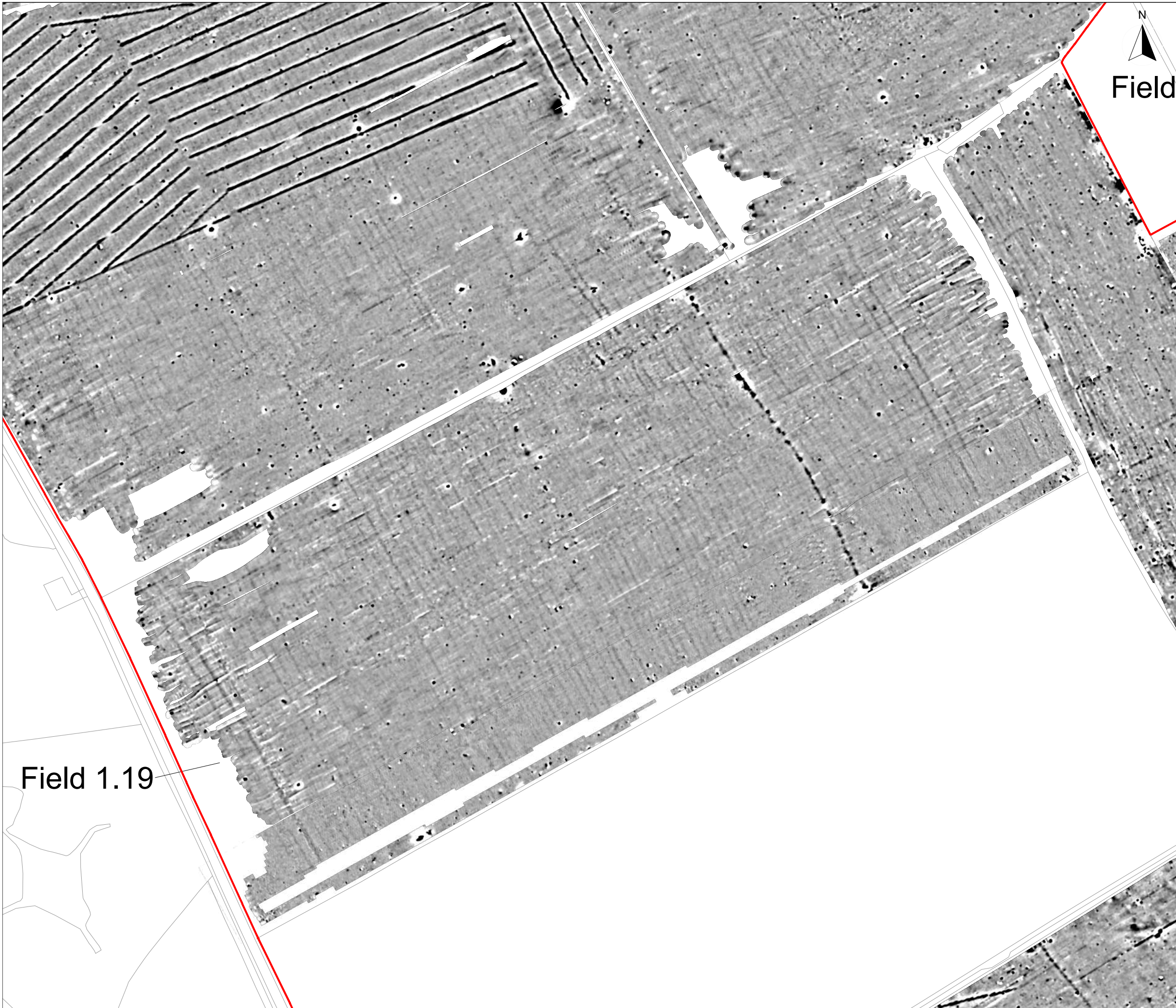
Title: Magnetometer Survey - Interpretation (Fields 1.13 & 1.18)

Client: Island Green Power UK Limited

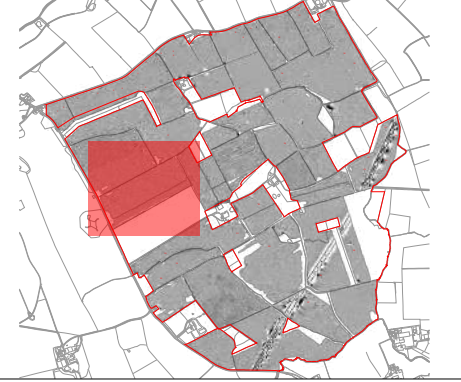
Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 160
1:3200 @ A3

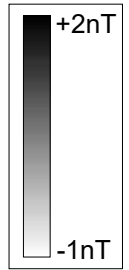
Fig No: 20



N
Field



Field 1.19



Title: Magnetometer Survey - Greyscale Plots (Field 1.19)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

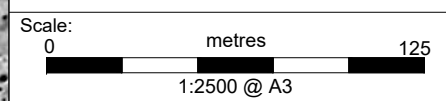
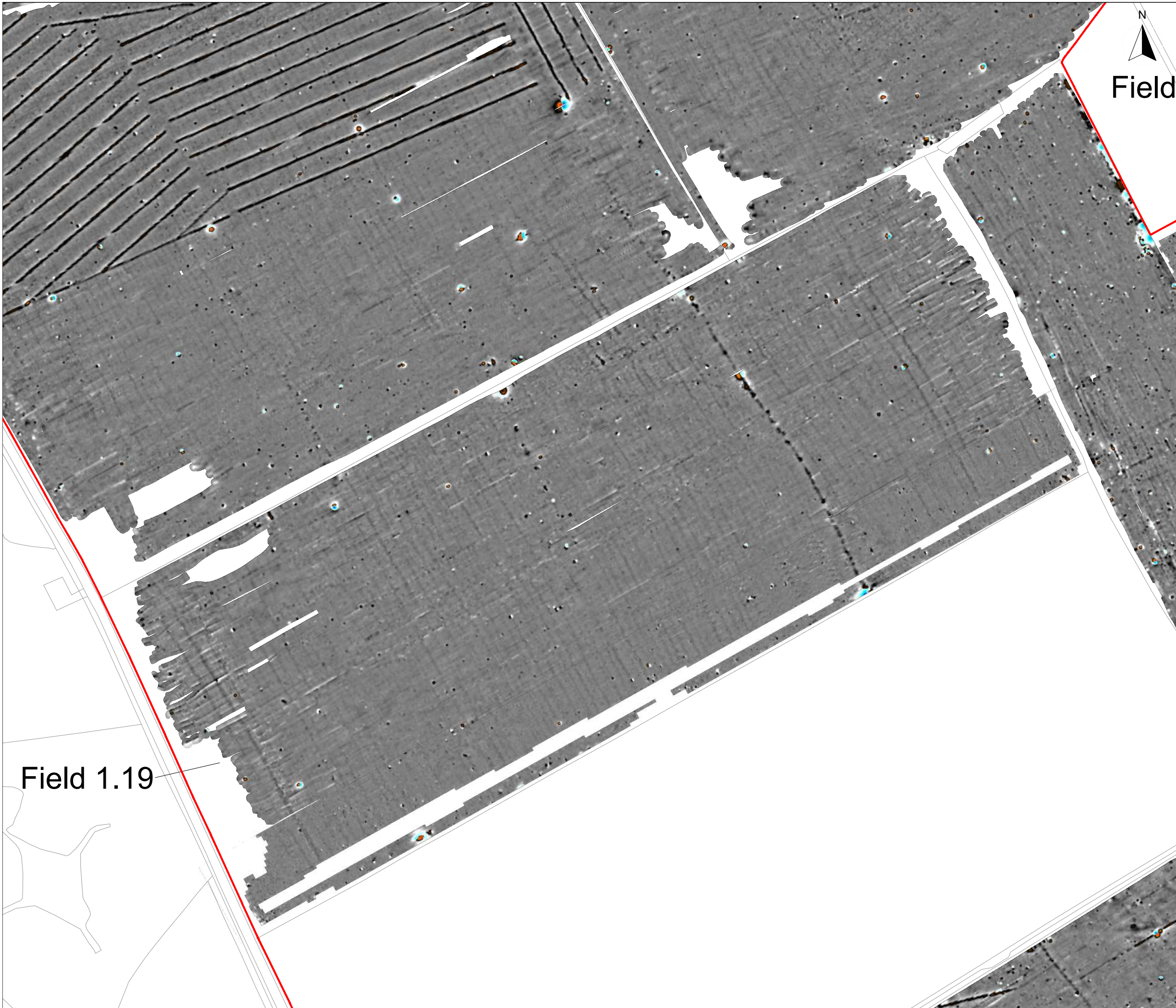
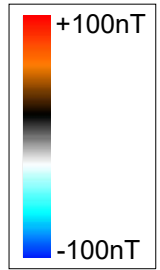


Fig No: 21



N
Field



Field 1.19

Title: Magnetometer Survey - Colour Plots
(Field 1.19)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

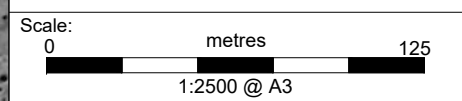
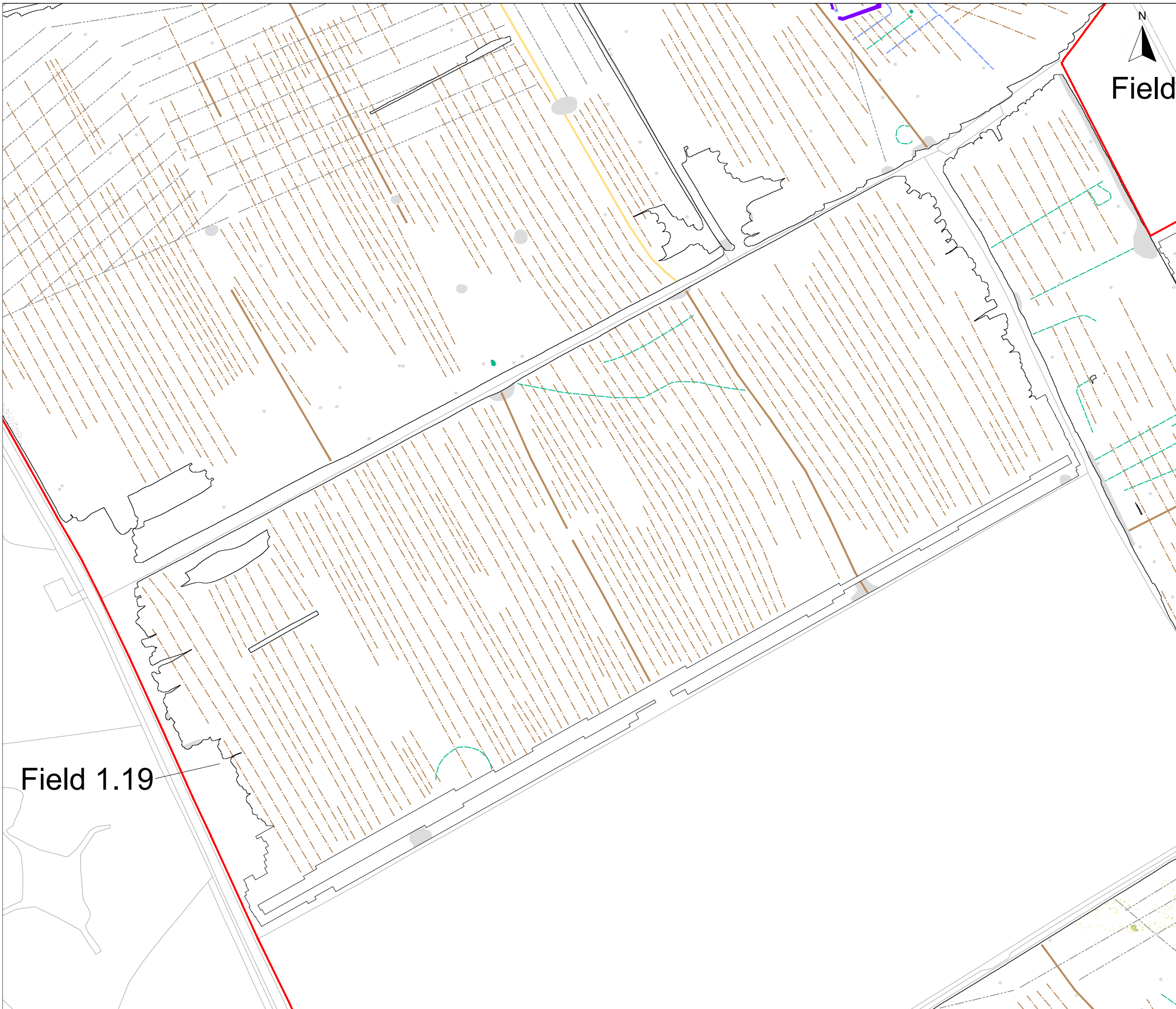
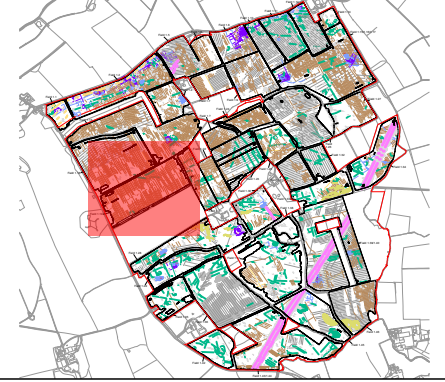


Fig No: 22



Field



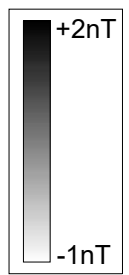
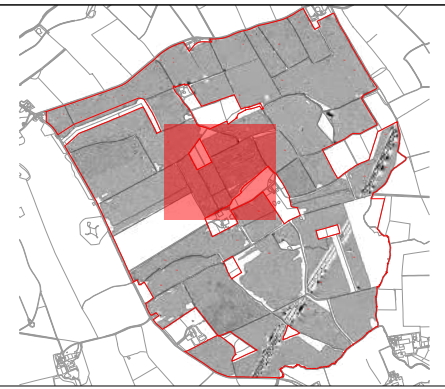
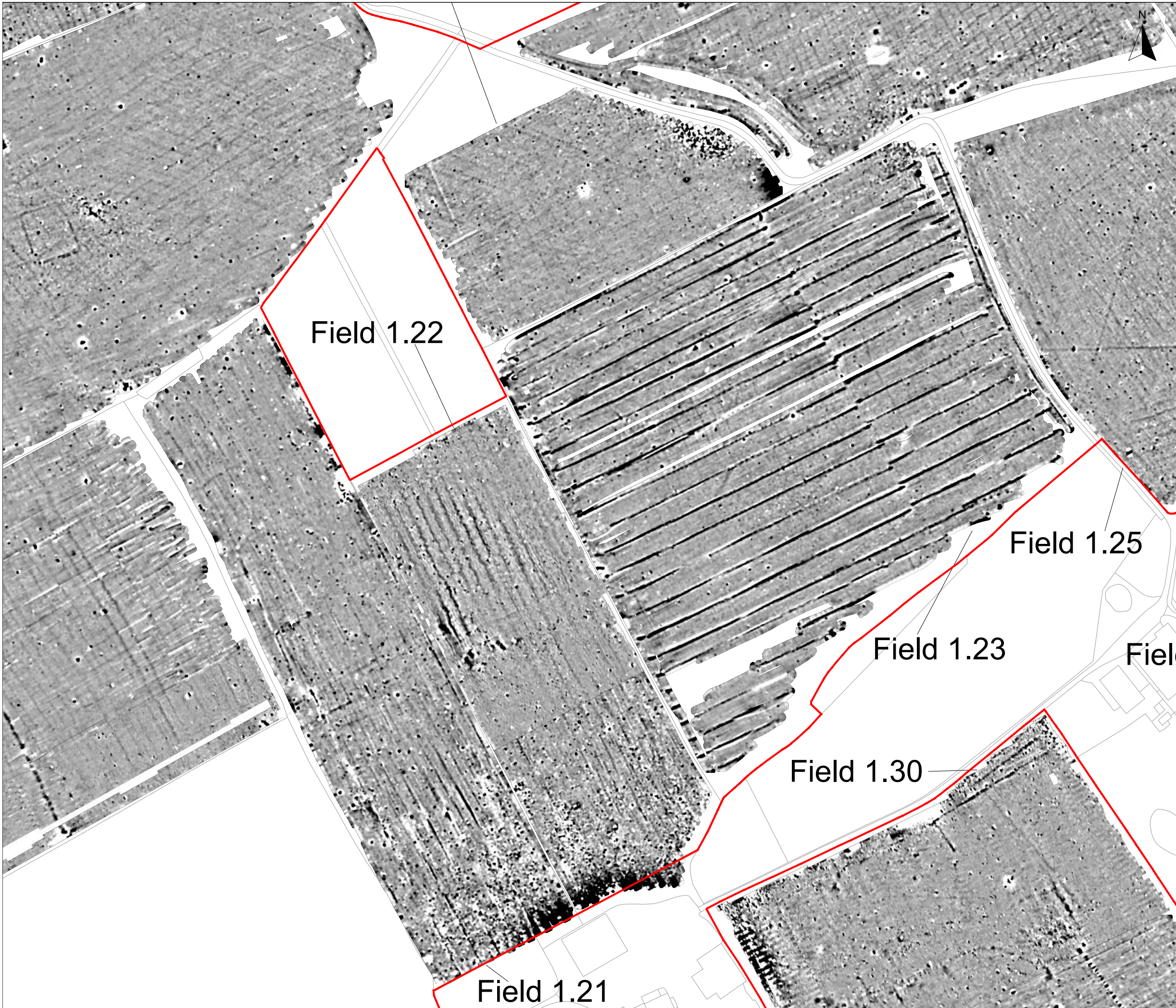
KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Field 1.19

Title:	Magnetometer Survey - Interpretation (Field 1.19)	
Client:	Island Green Power UK Limited	
Project:	16614-1 - Light Valley Solar Project: Site 1	
Scale:	 1:2500 @ A3	Fig No: 23



Title: Magnetometer Survey - Grayscale Plots (Fields 1.21, 1.22 & 1.23)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

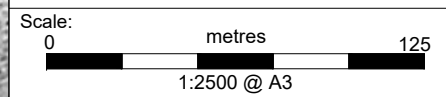
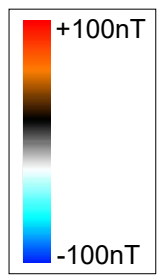
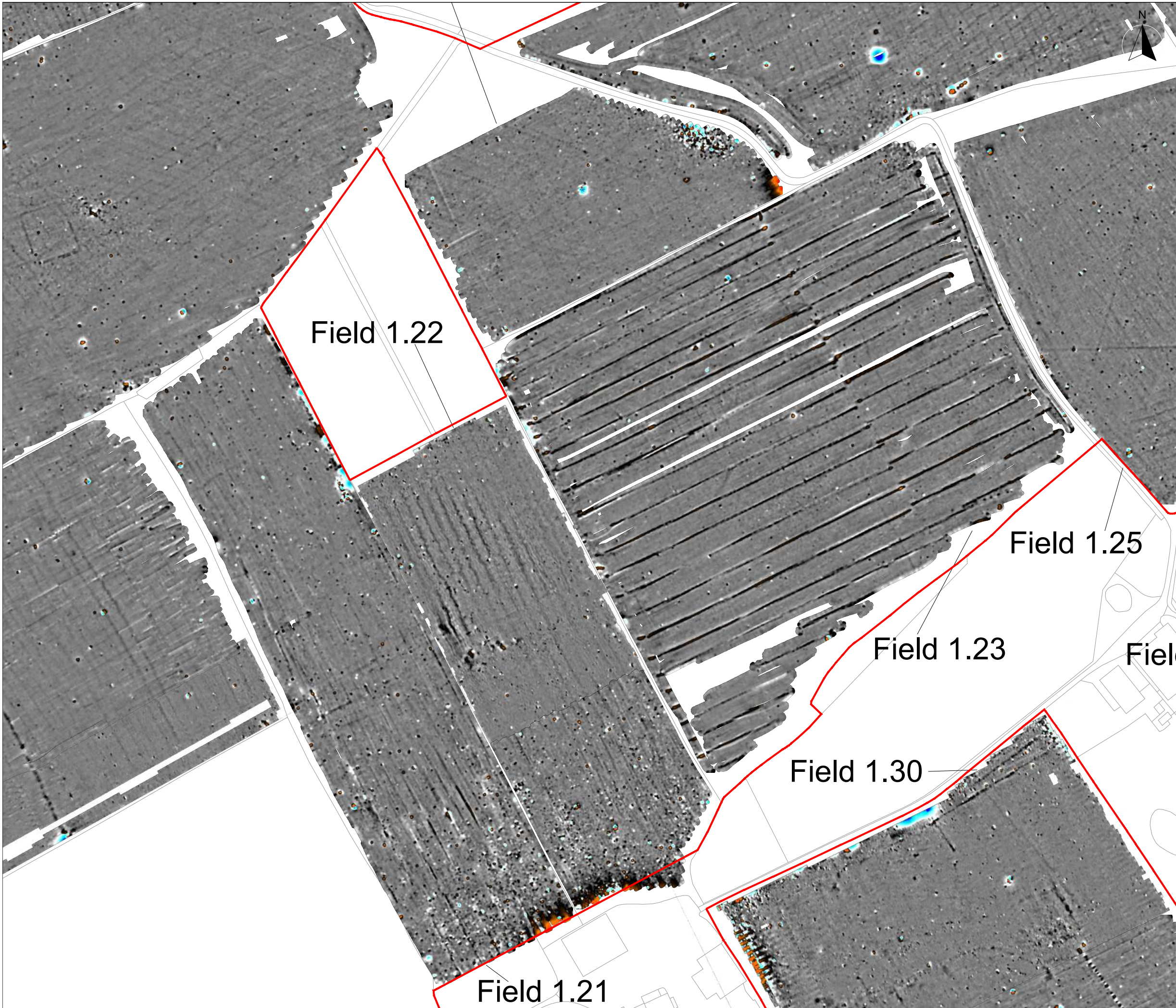


Fig No: 24



Title: Magnetometer Survey - Colour Plots
(Fields 1.21, 1.22 & 1.23)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

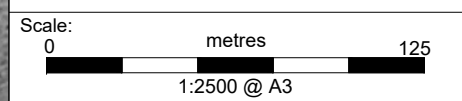
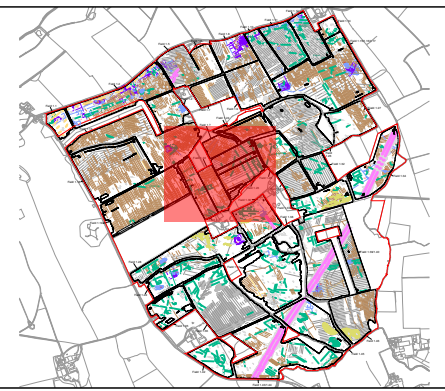
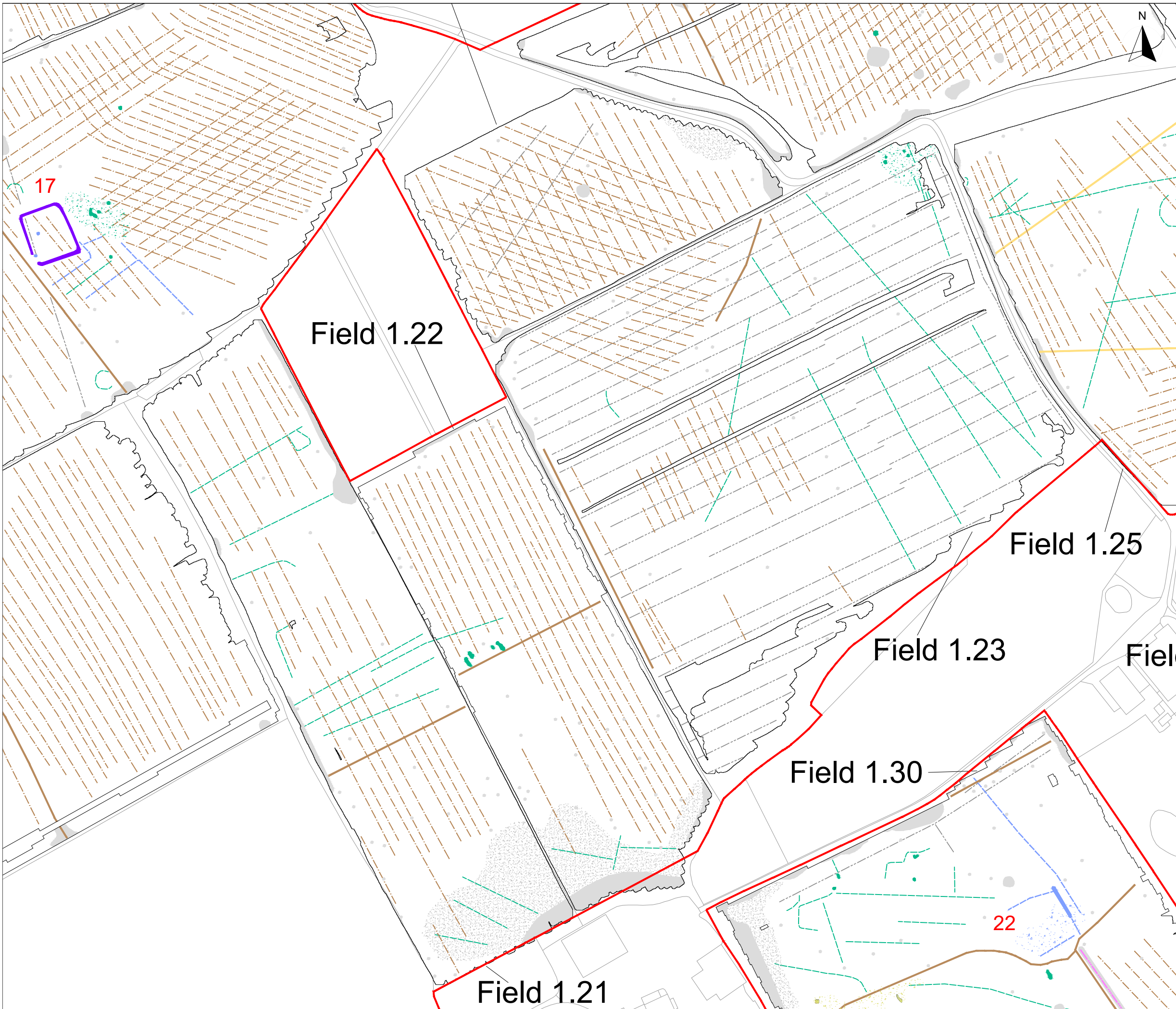


Fig No: 25



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



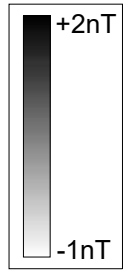
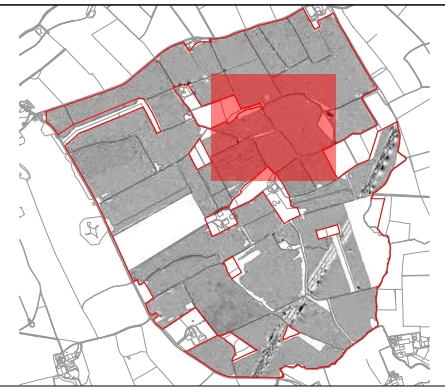
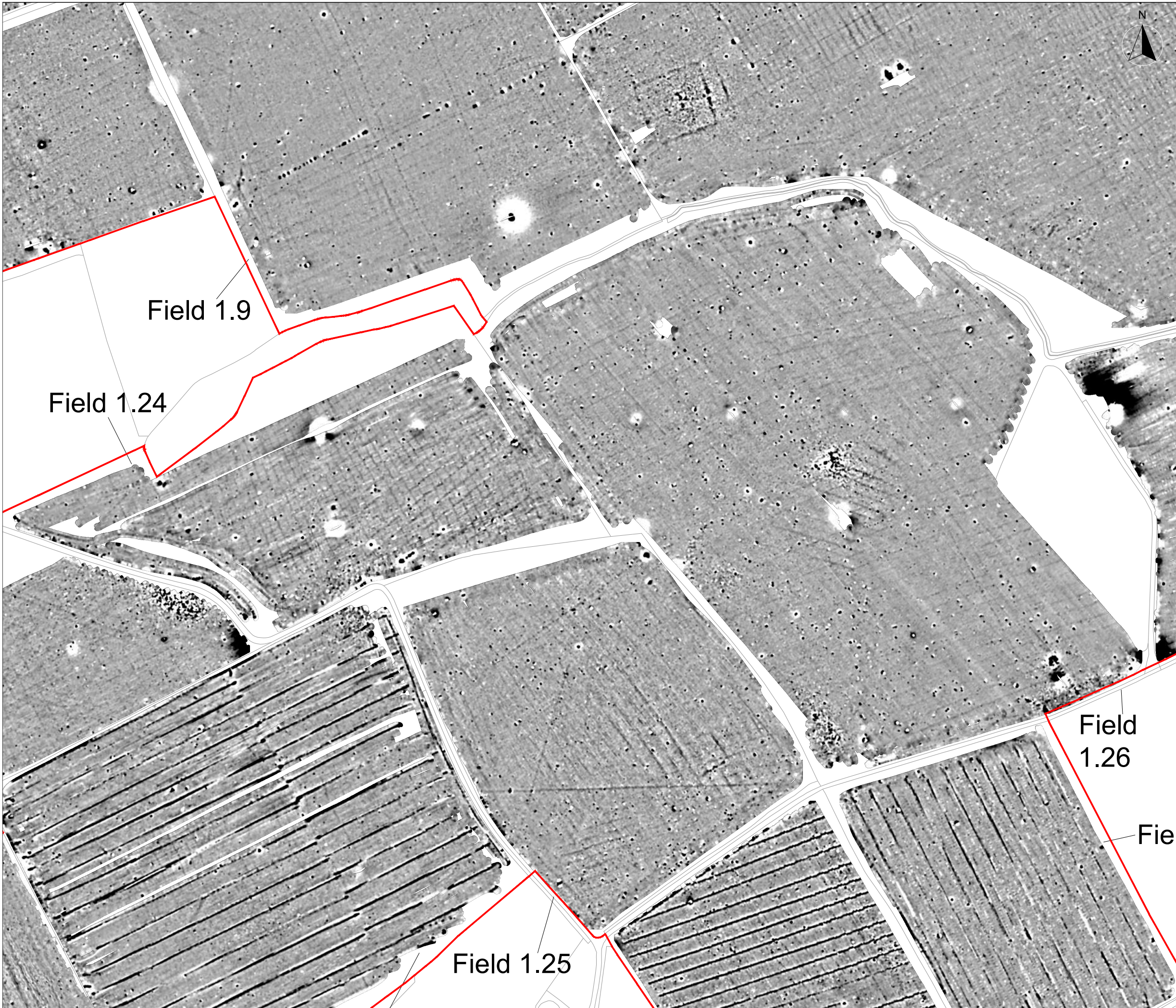
Title: Magnetometer Survey - Interpretation (Fields 1.21, 1.22 & 1.23)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 125
1:2500 @ A3

Fig No: 26



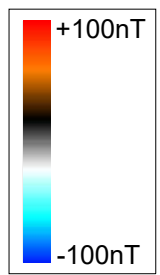
Title: Magnetometer Survey - Grayscale Plots
(Fields 1.24, 1.25 & 1.26)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
1:2800 @ A3

Fig No: 27



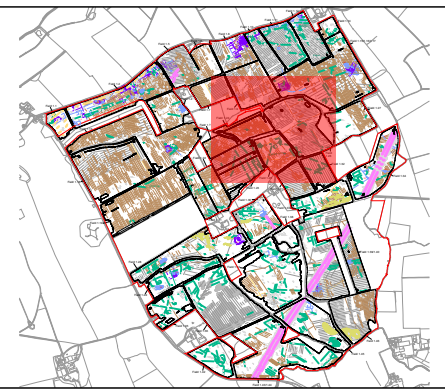
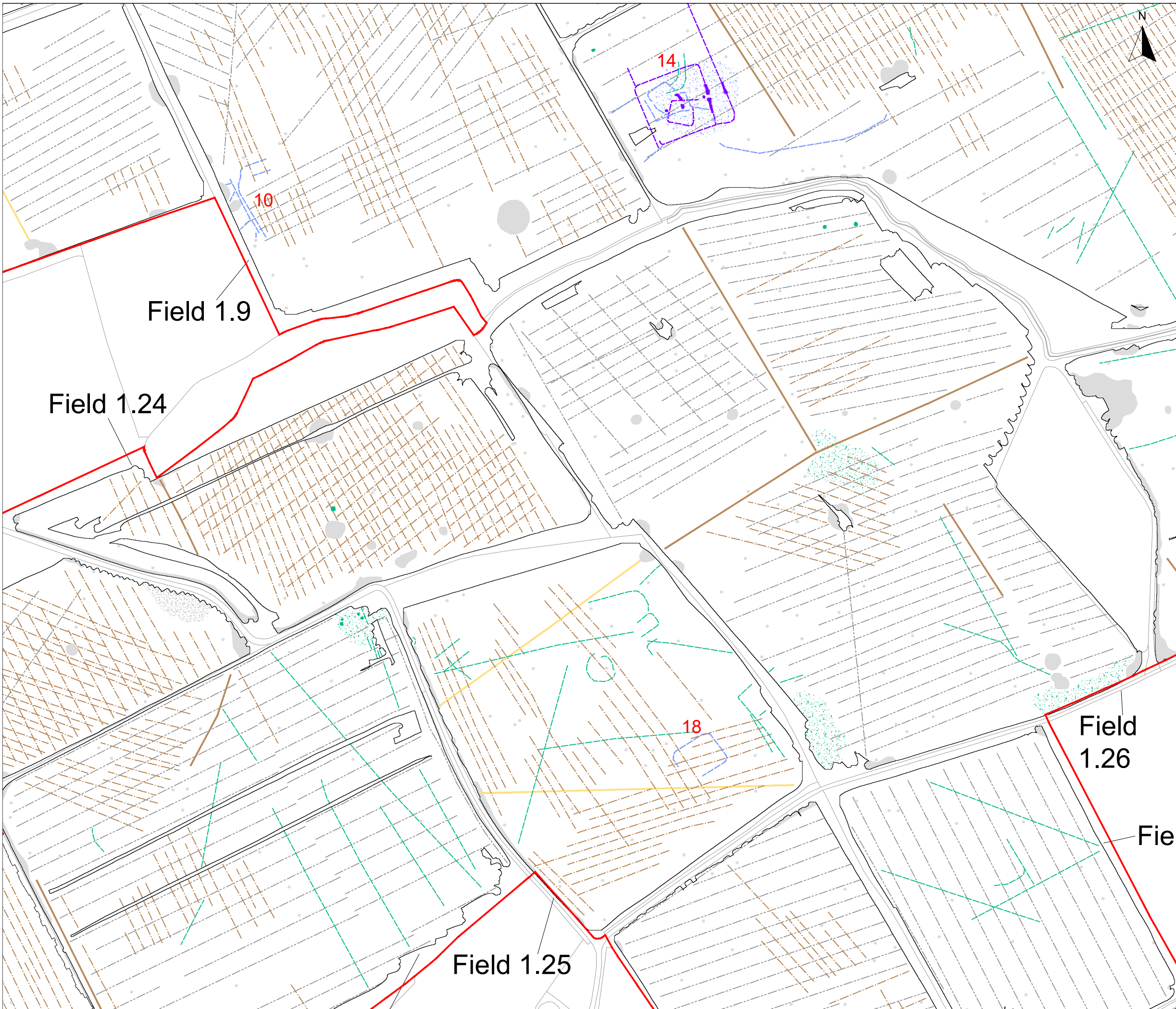
Title: Magnetometer Survey - Colour Plots
(Fields 1.24, 1.25 & 1.26)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
1:2800 @ A3

Fig No: 28



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Title: Magnetometer Survey - Interpretation (Fields 1.24, 1.25 & 1.26)

Client: Island Green Power UK Limited

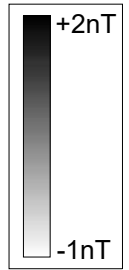
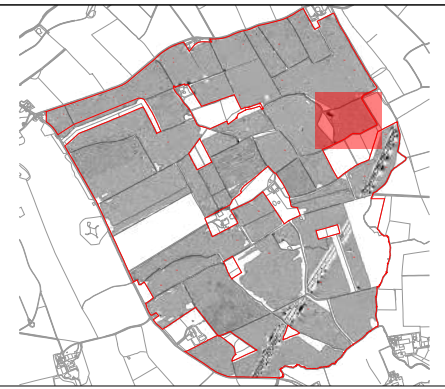
Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
1:2800 @ A3

Fig No: 29



Field 1.27



Title: Magnetometer Survey - Greyscale Plots (Field 1.27)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

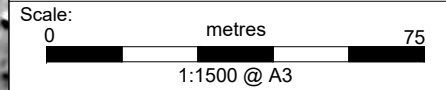
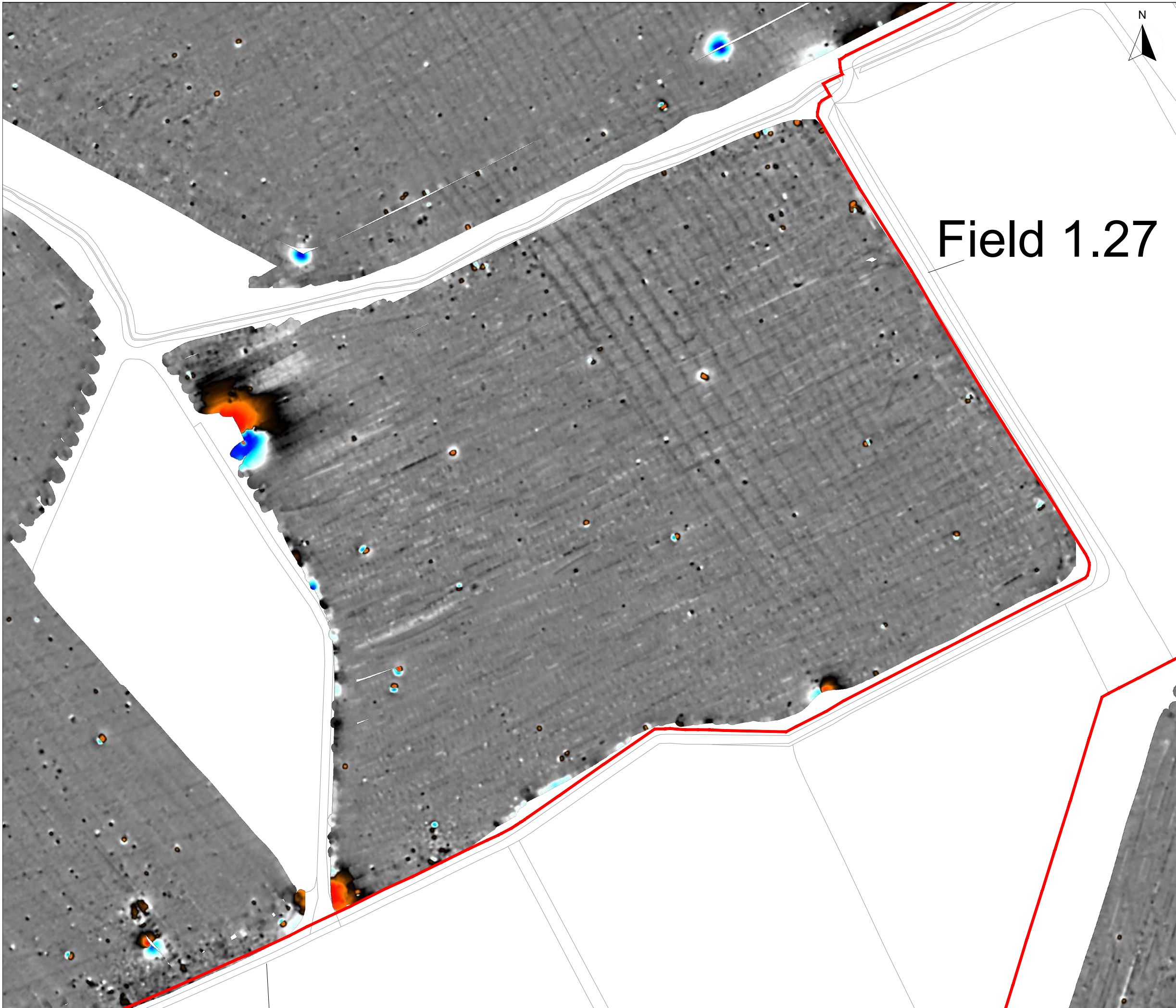
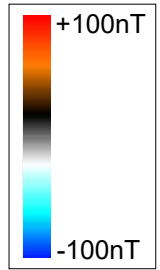


Fig No: 30



Field 1.27



Title: Magnetometer Survey - Colour Plots (Field 1.27)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

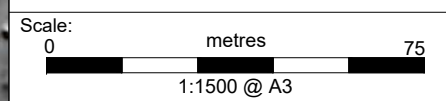
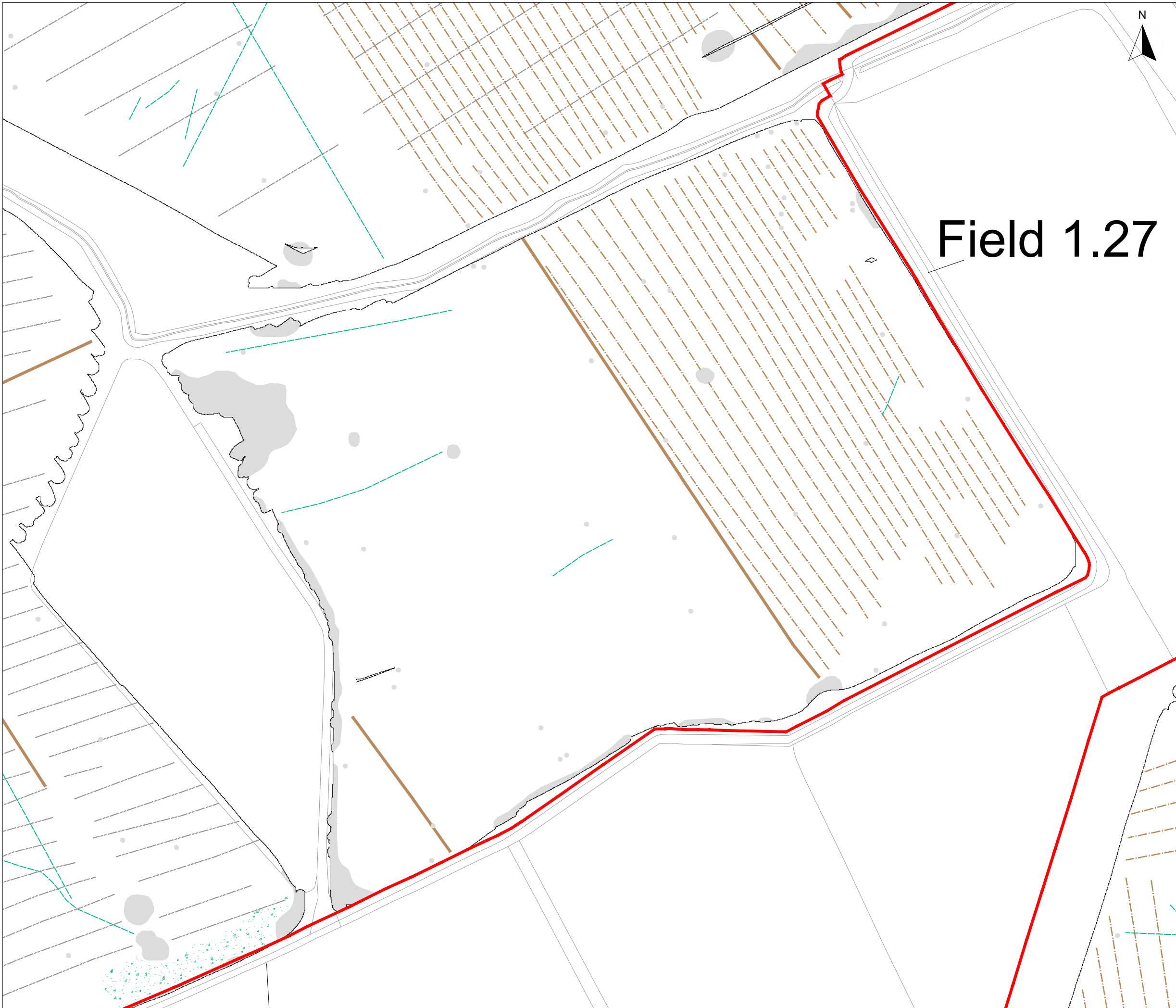
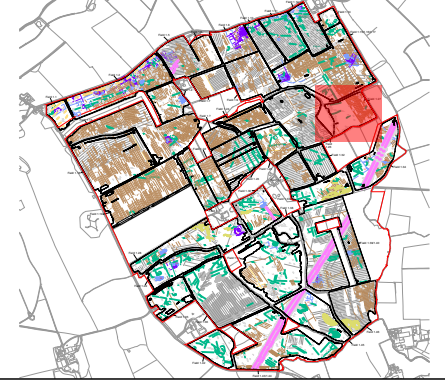


Fig No: 31



Field 1.27



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



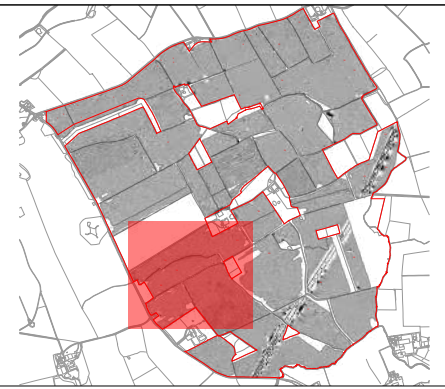
Title: Magnetometer Survey - Interpretation (Field 1.27)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 75
1:1500 @ A3

Fig No: 32

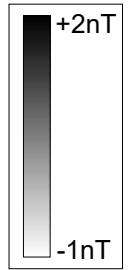


Field 1.28

Field 1.37

Field 1.29

Field 1.35



Title: Magnetometer Survey - Greyscale Plots (Fields 1.28, 1.29 & 1.35)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

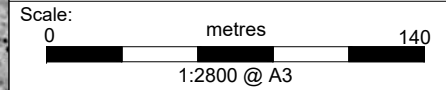
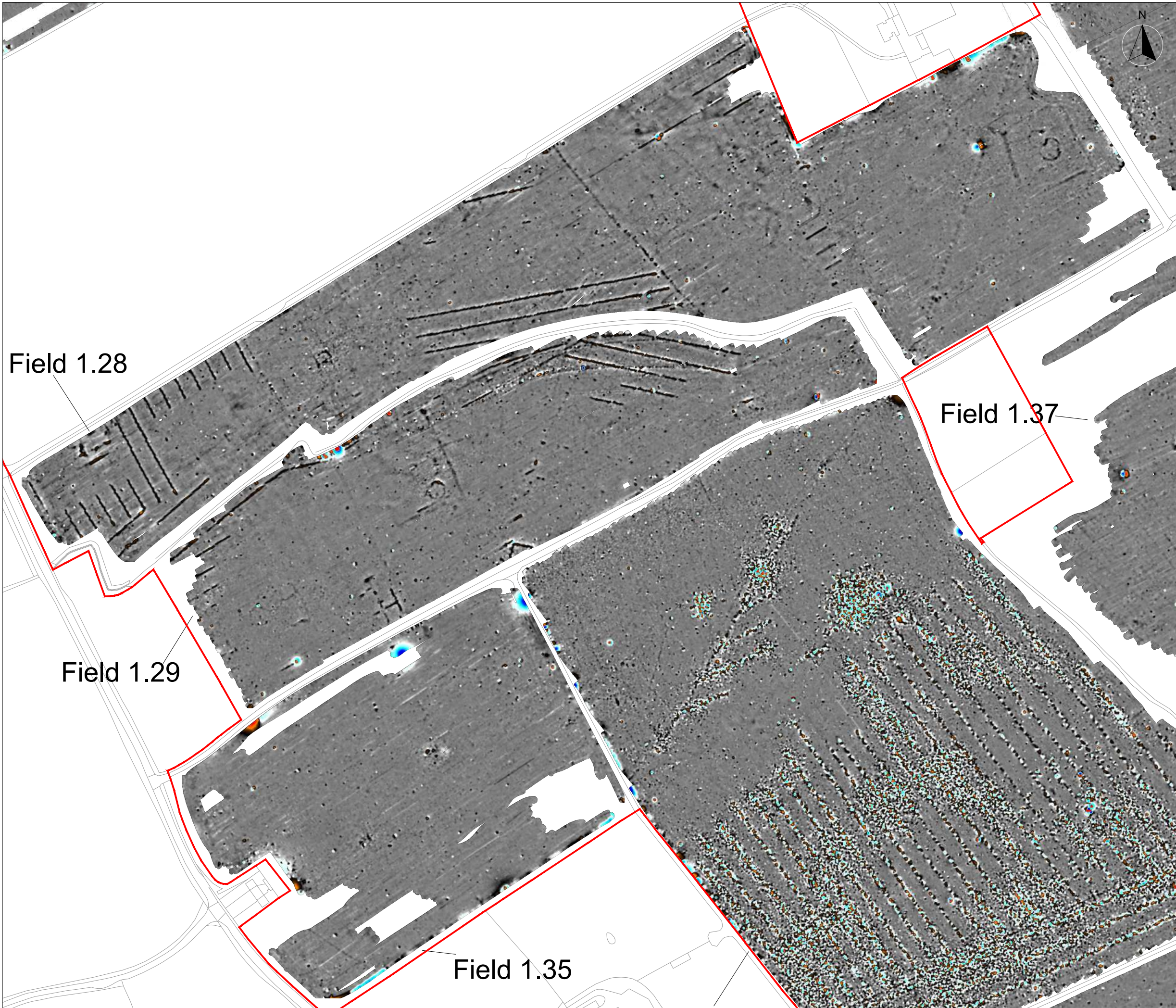


Fig No: 33

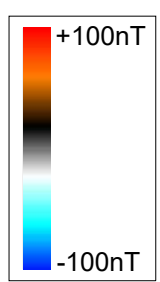


Field 1.28

Field 1.37

Field 1.29

Field 1.35



Title: Magnetometer Survey - Colour Plots
(Fields 1.28, 1.29 & 1.35)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

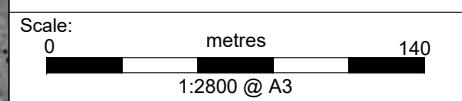
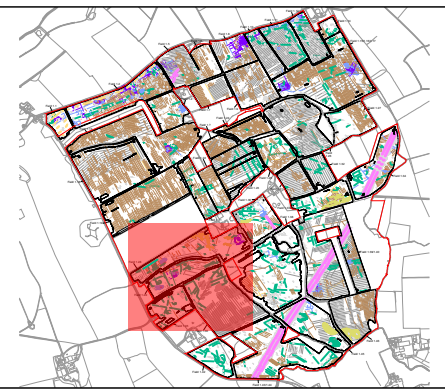
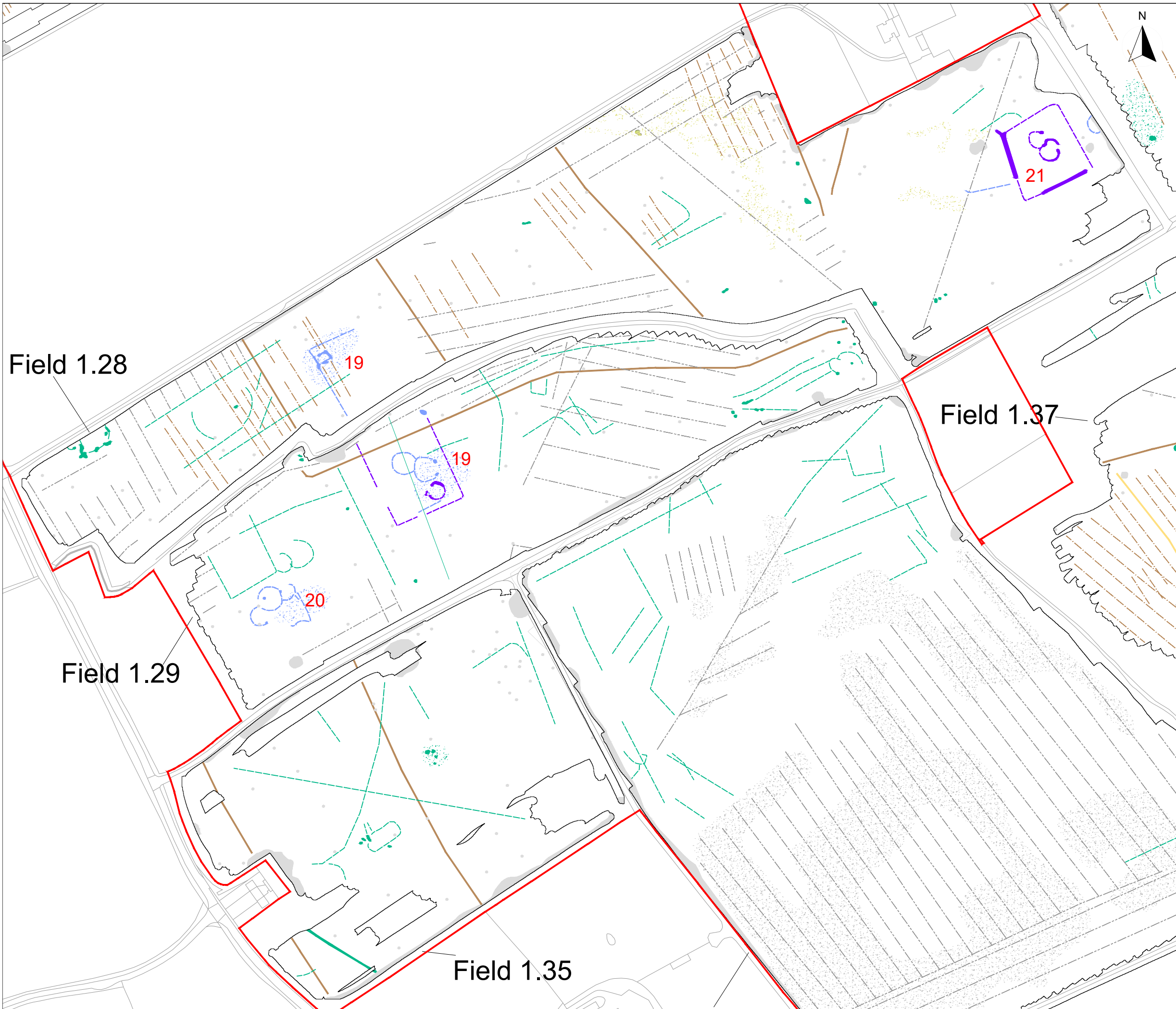


Fig No: 34



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



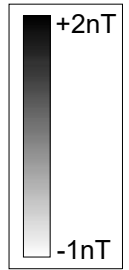
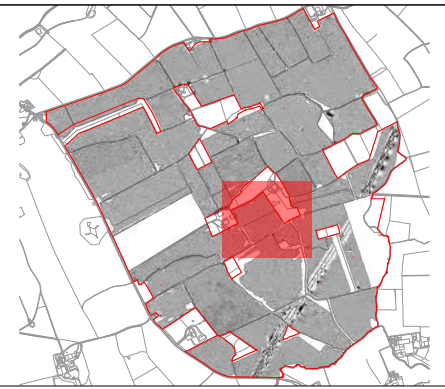
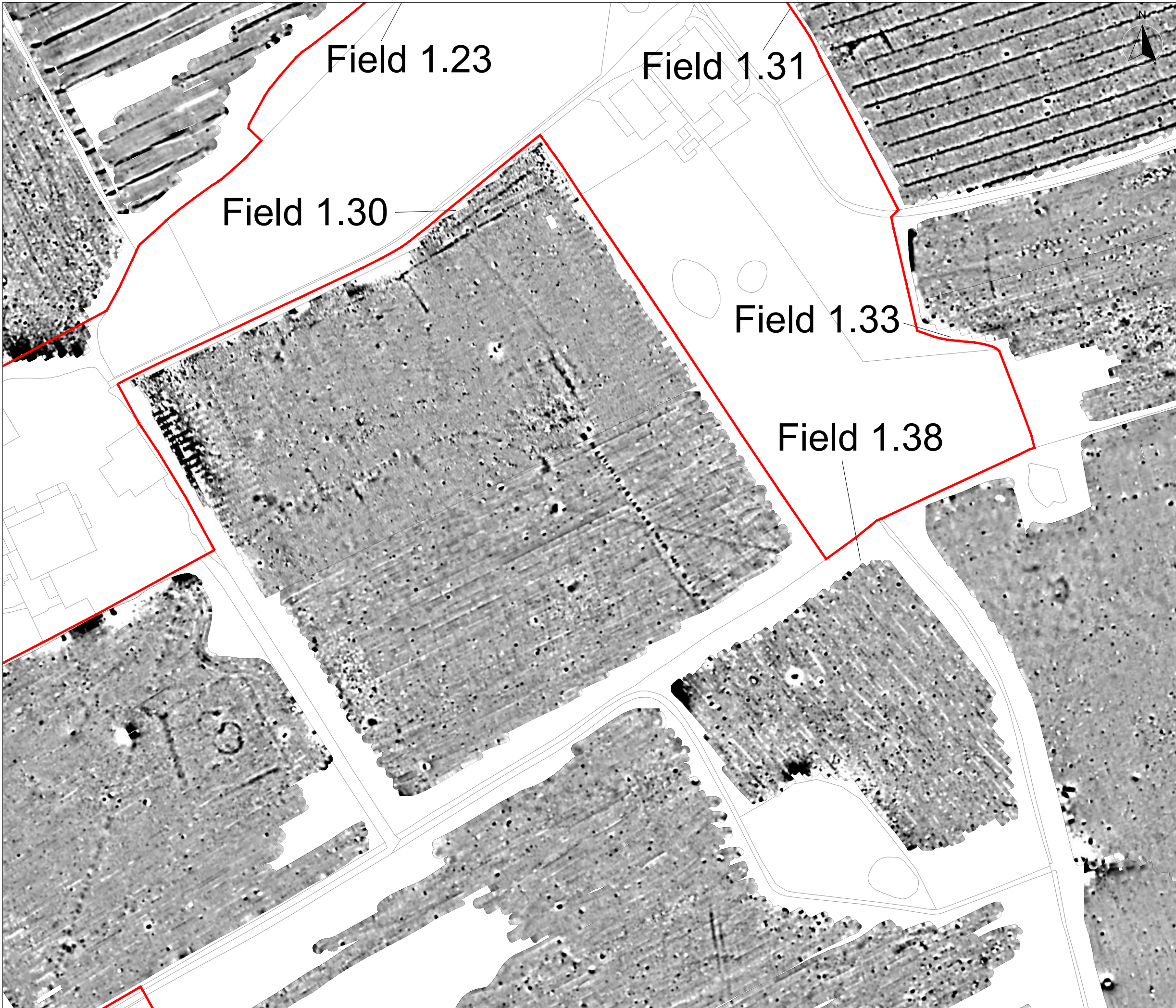
Title: Magnetometer Survey - Interpretation (Fields 1.28, 1.29 & 1.35)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 140
1:2800 @ A3

Fig No: 35



Title: Magnetometer Survey - Grayscale Plots (Fields 1.30 & 1.38)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

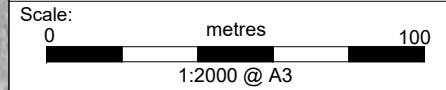
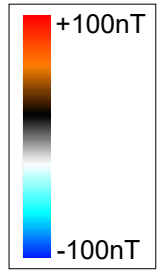
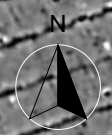


Fig No: 36



Title: Magnetometer Survey - Colour Plots
(Fields 1.30 & 1.38)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

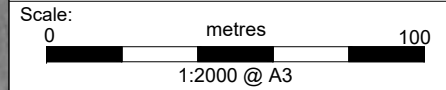
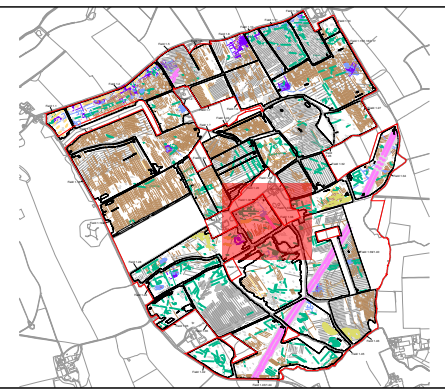
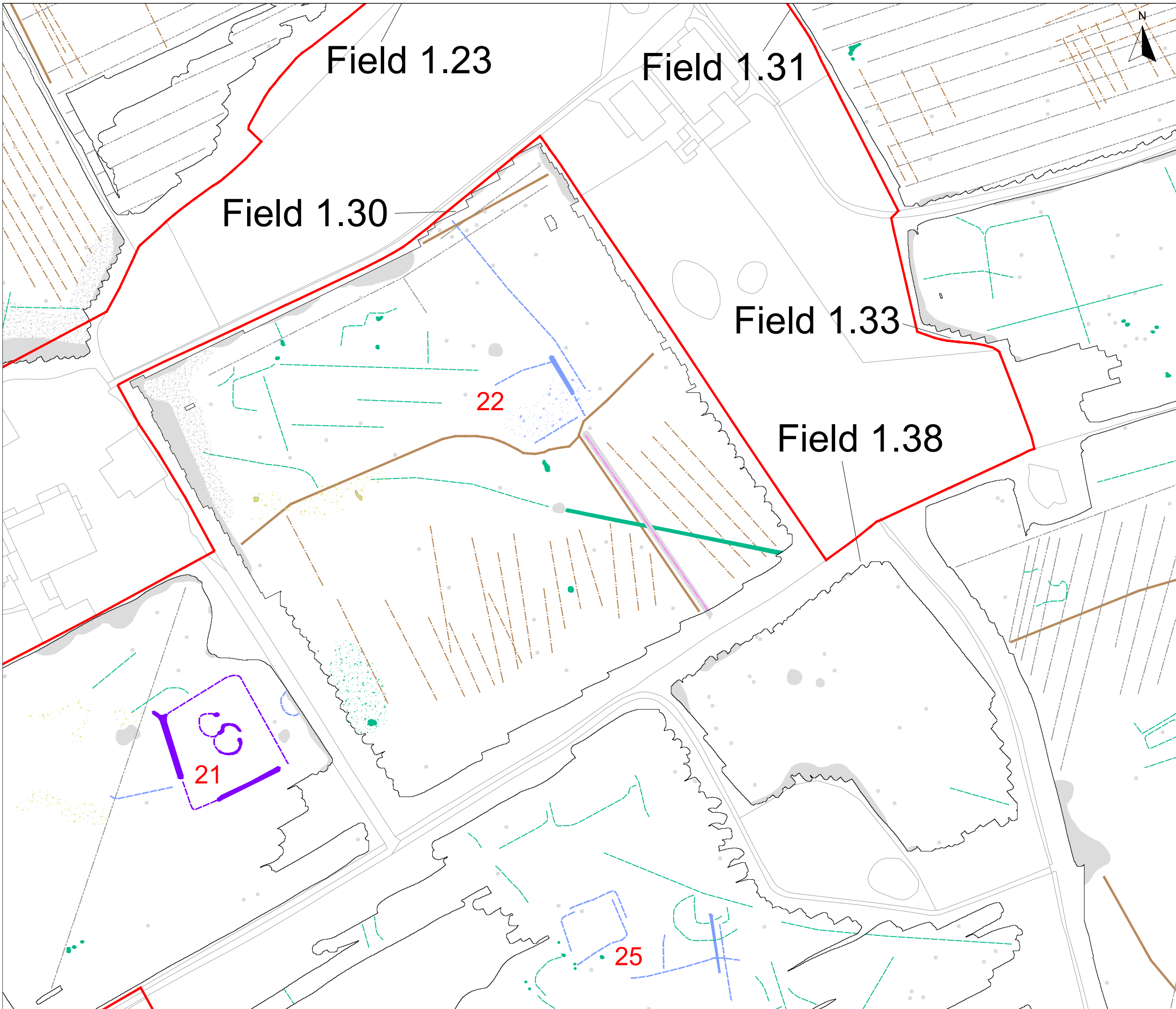


Fig No: 37



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



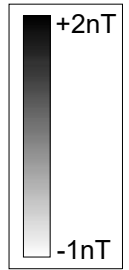
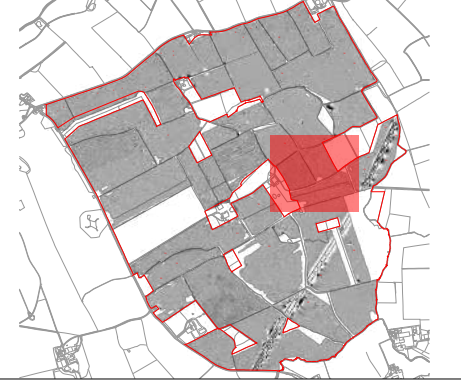
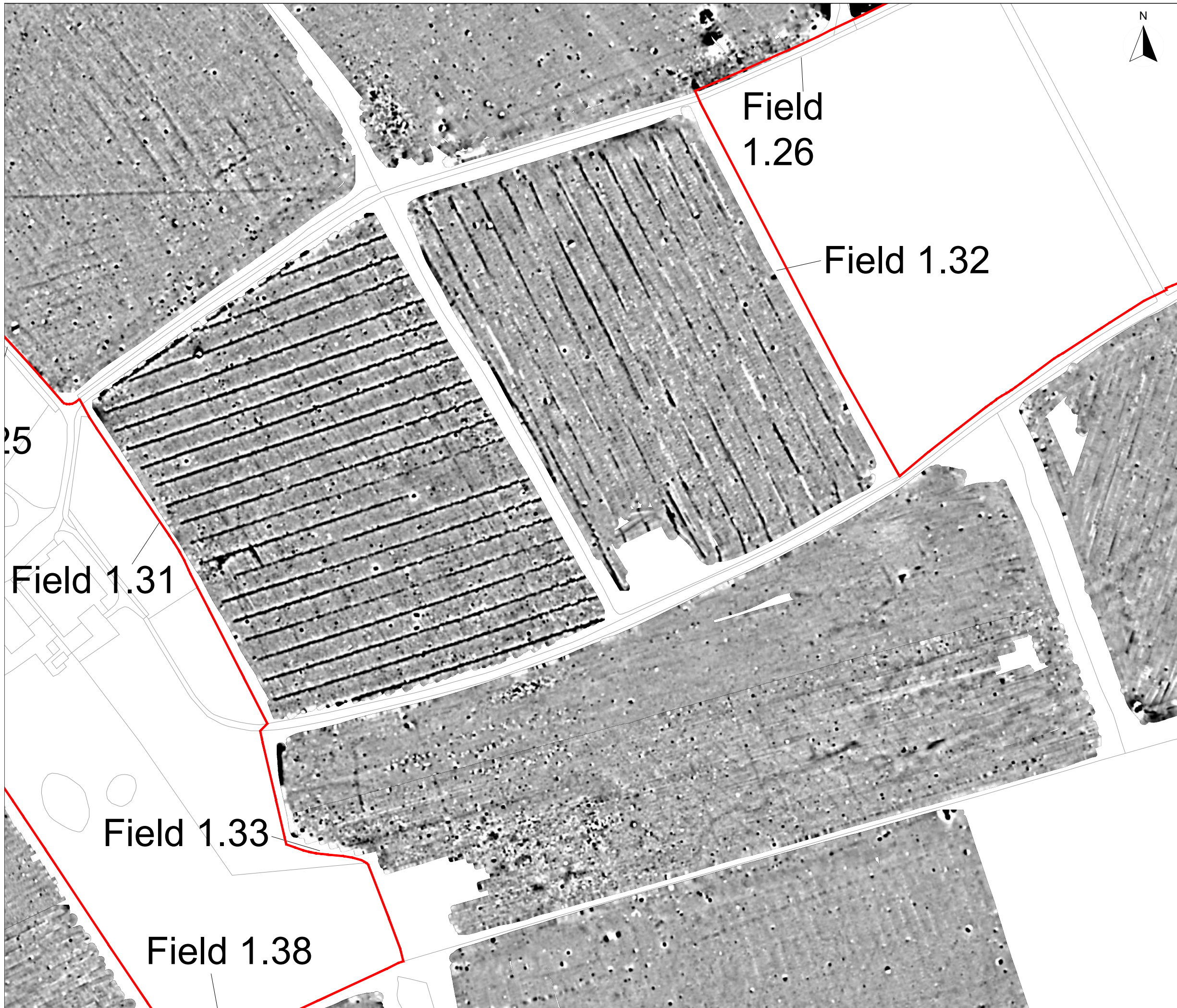
Title: Magnetometer Survey - Interpretation (Fields 1.30 & 1.38)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

Fig No: 38



Title: Magnetometer Survey - Grayscale Plots (Fields 1.31, 1.32 & 1.33)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

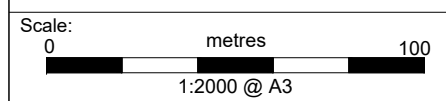
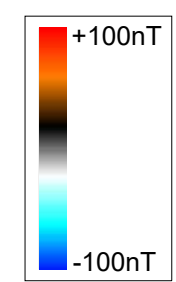
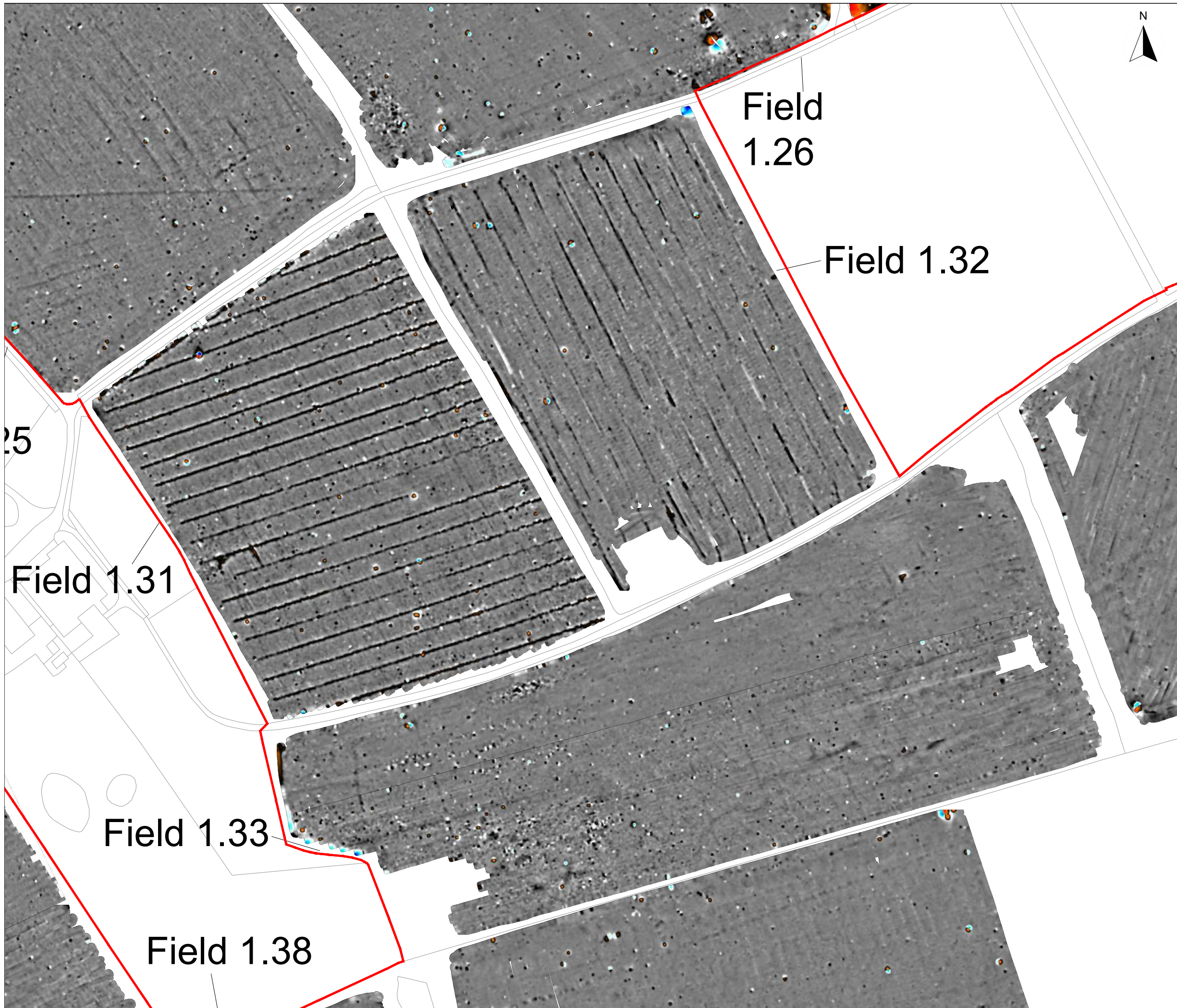


Fig No: 39



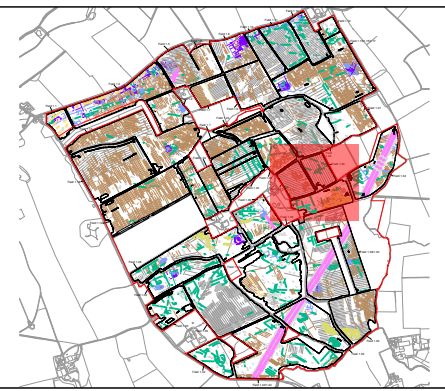
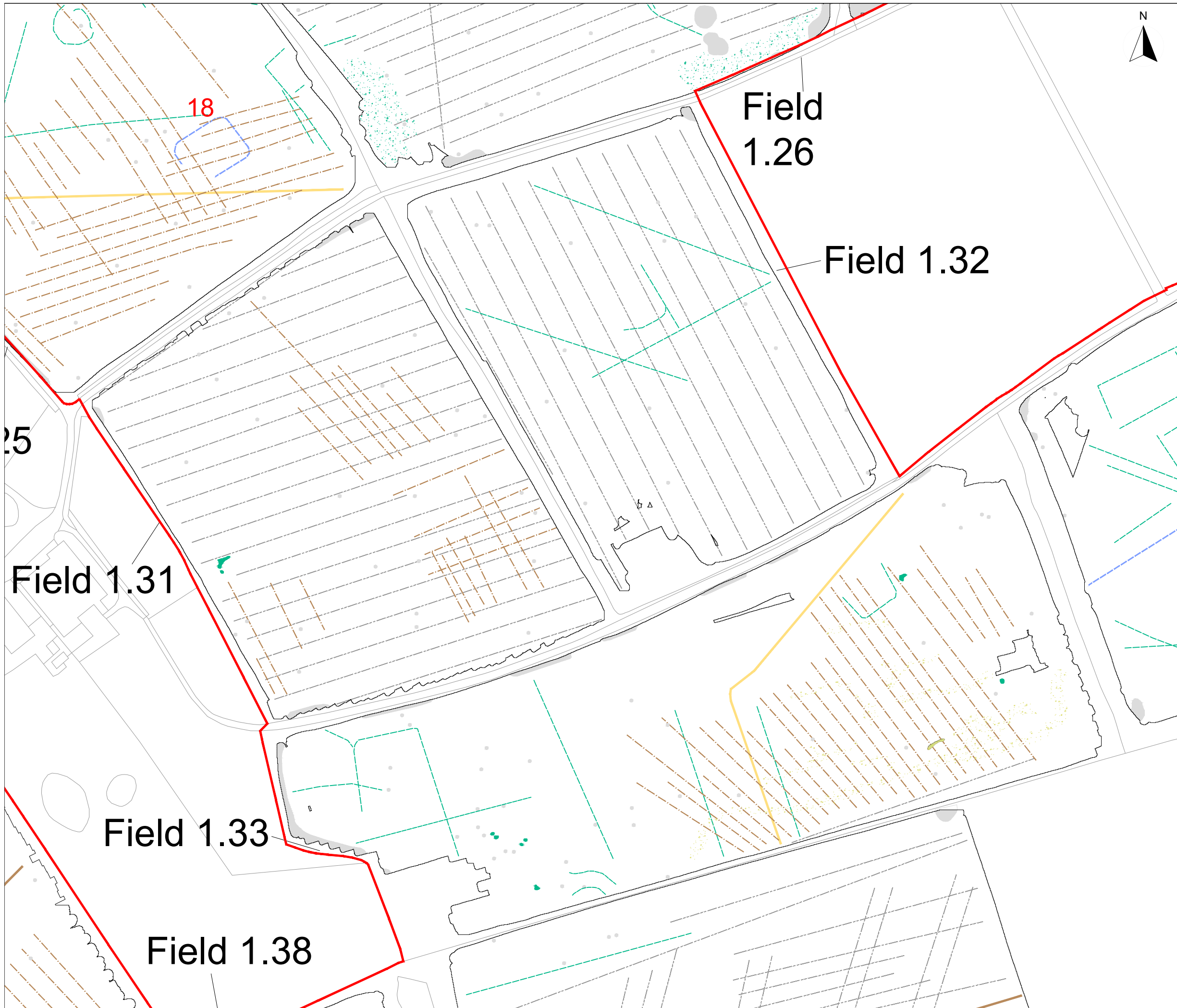
Title: Magnetometer Survey - Colour Plots
(Fields 1.31, 1.32 & 1.33)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

Fig No: 40



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



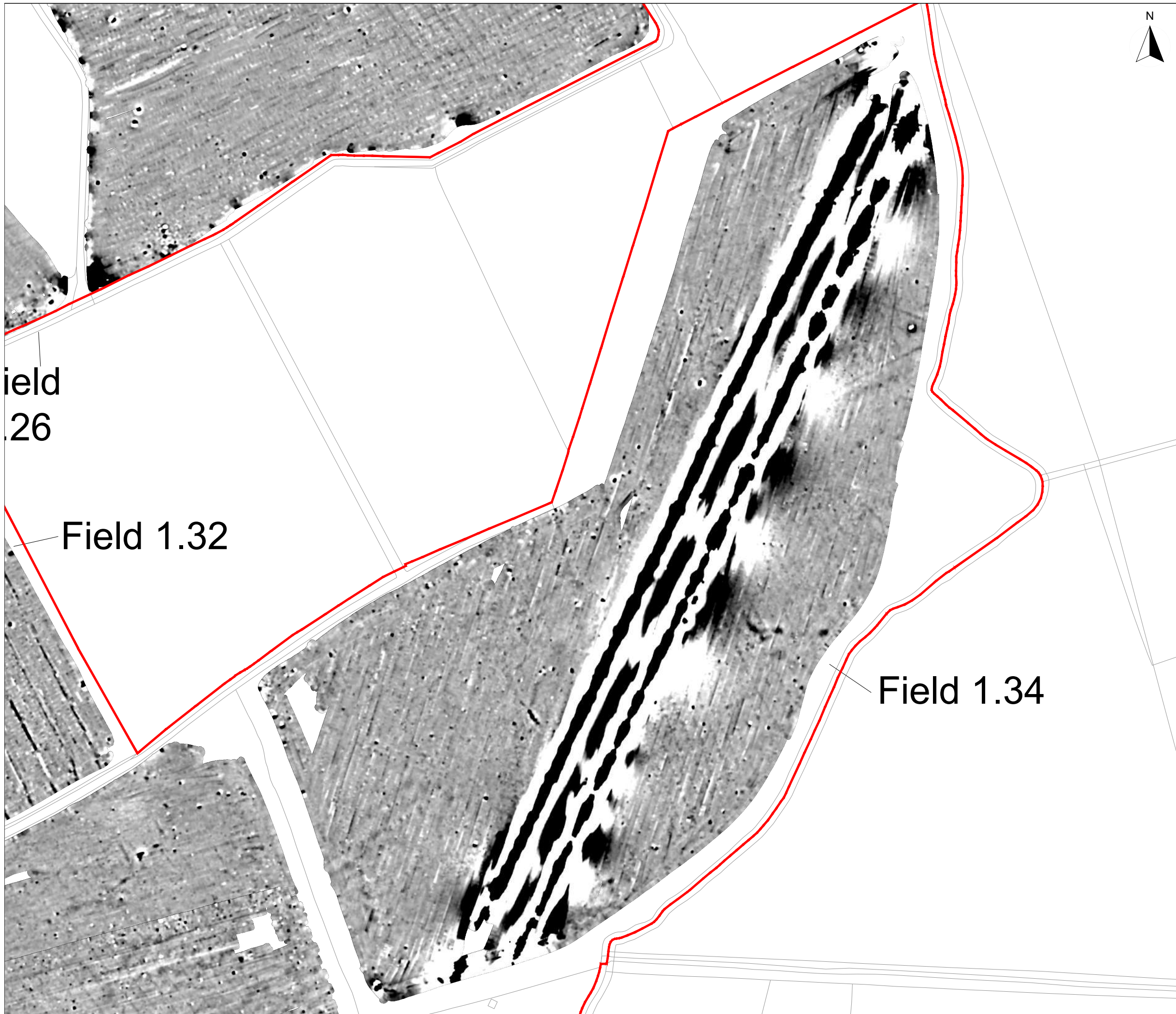
Title: Magnetometer Survey - Interpretation (Fields 1.31, 1.32 & 1.33)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

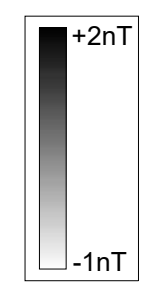
Fig No: 41



Field 1.26

Field 1.32

Field 1.34



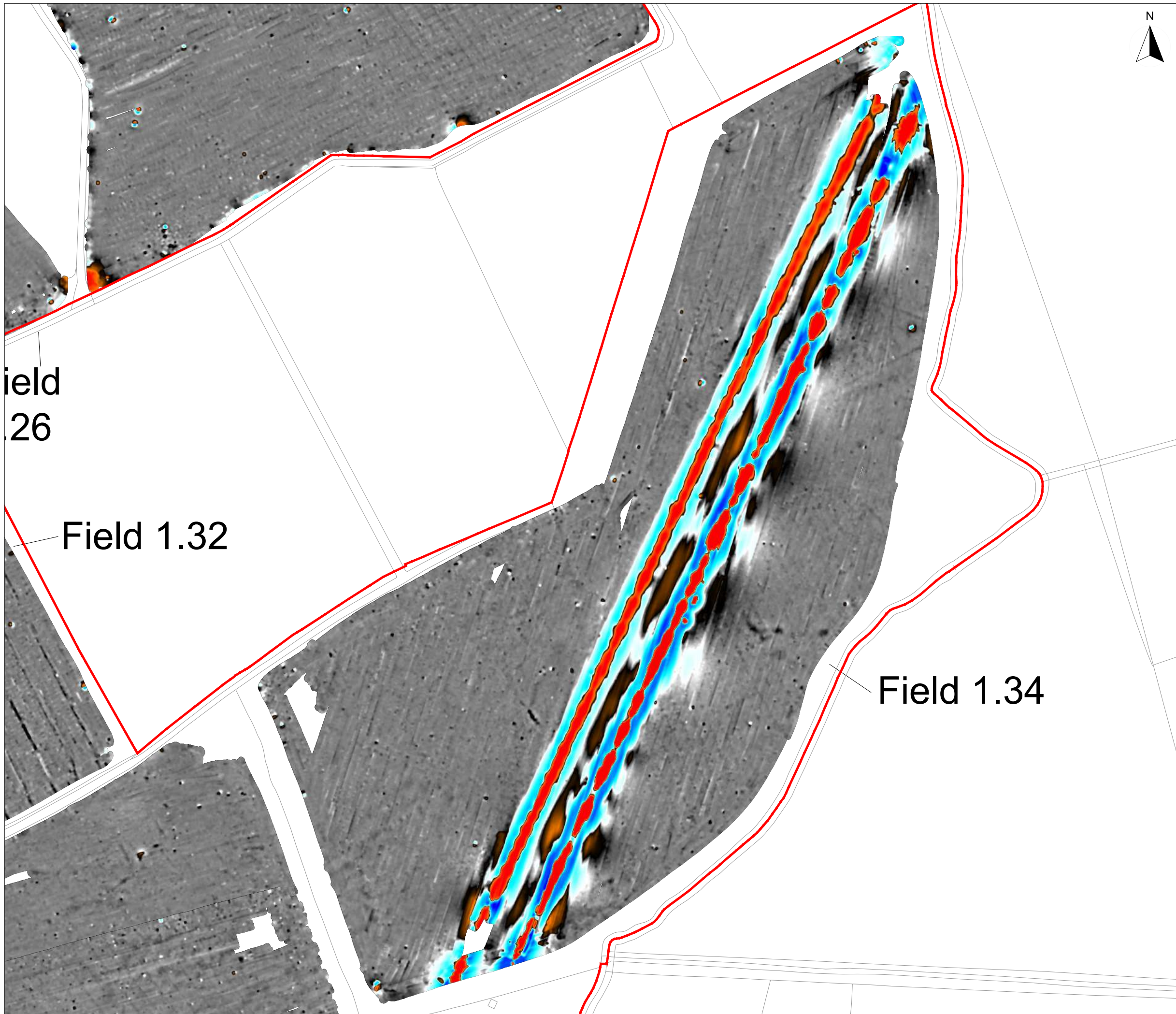
Title: Magnetometer Survey - Grayscale Plots (Field 1.34)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100 1:2000 @ A3

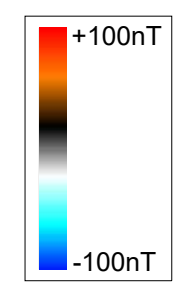
Fig No: 42



Field 26

Field 1.32

Field 1.34



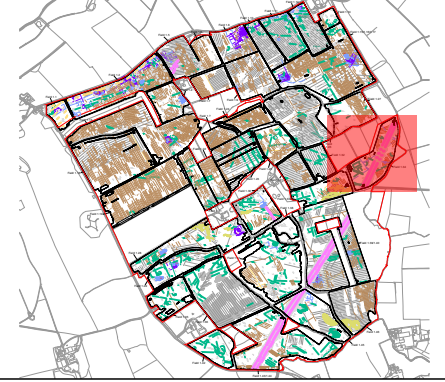
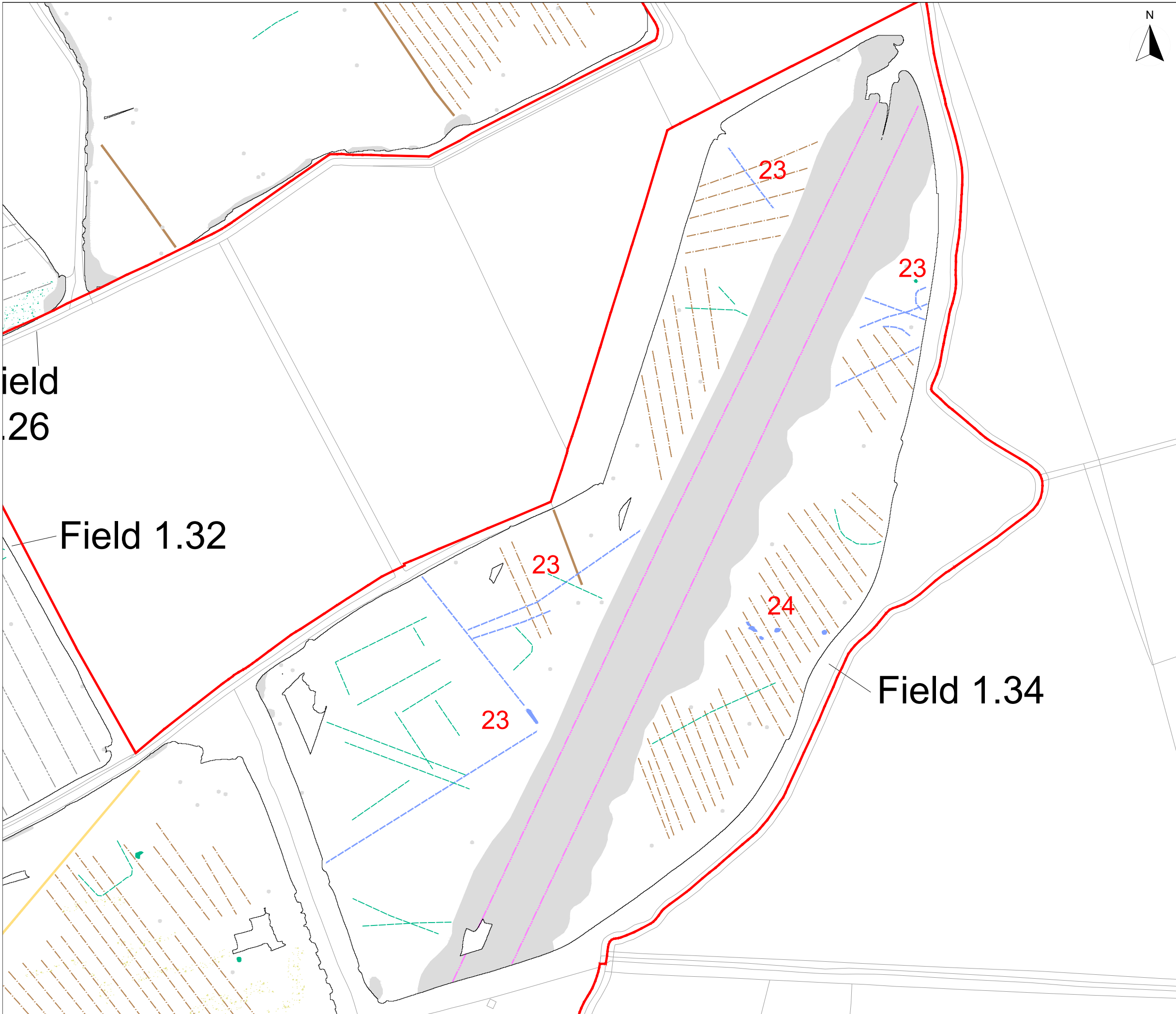
Title: Magnetometer Survey - Colour Plots (Field 1.34)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100 1:2000 @ A3

Fig No: 43



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



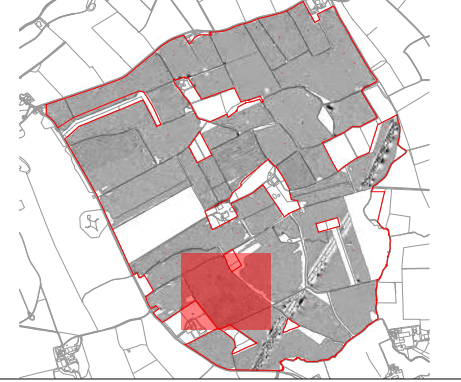
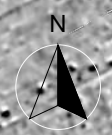
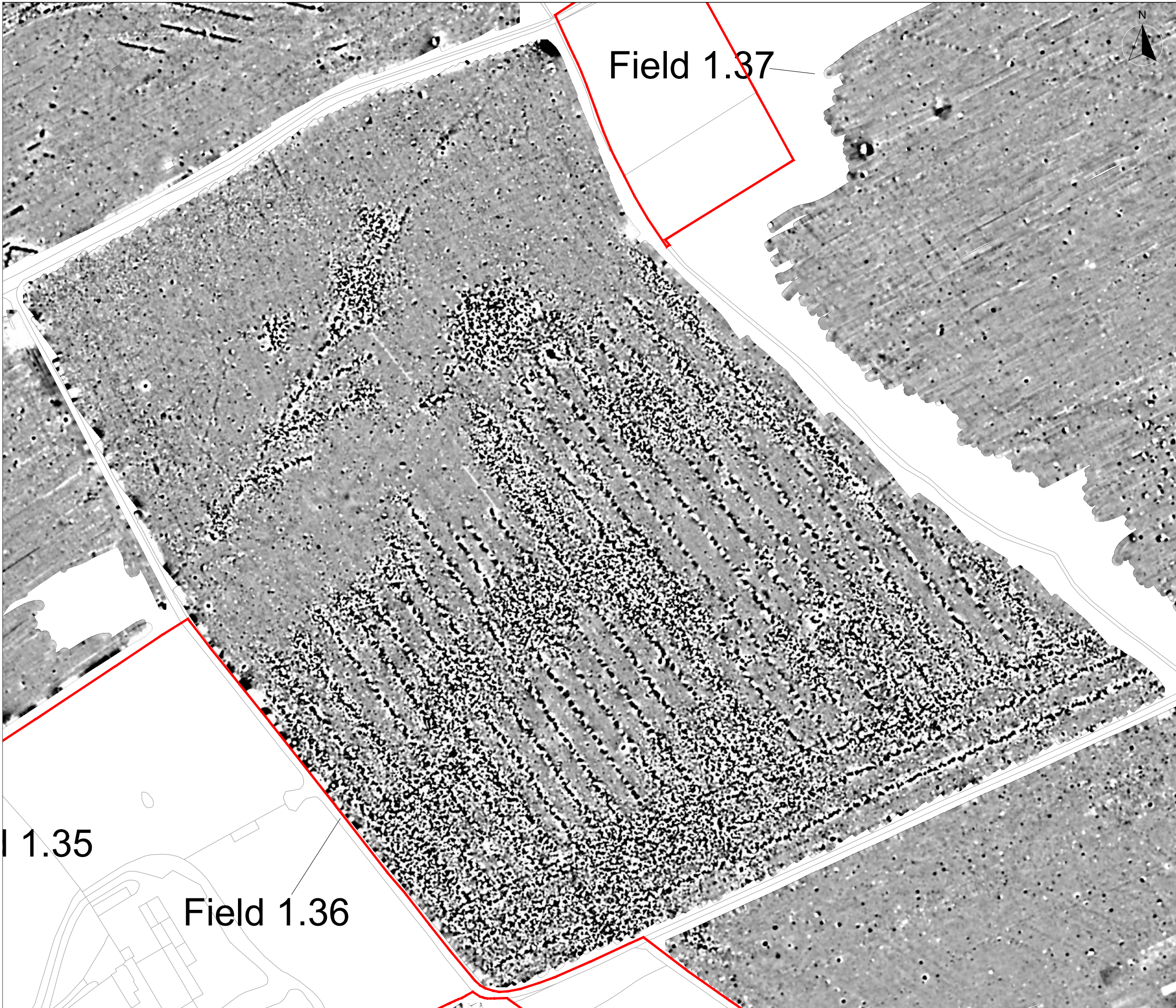
Title: Magnetometer Survey - Interpretation (Field 1.34)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

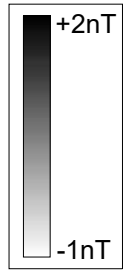
Fig No: 44



Field 1.37

1.35

Field 1.36



Title: Magnetometer Survey - Grayscale Plots (Field 1.36)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

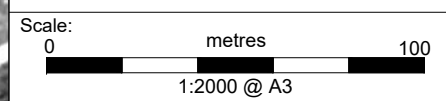
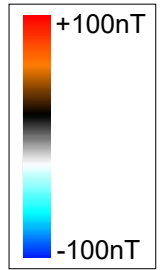
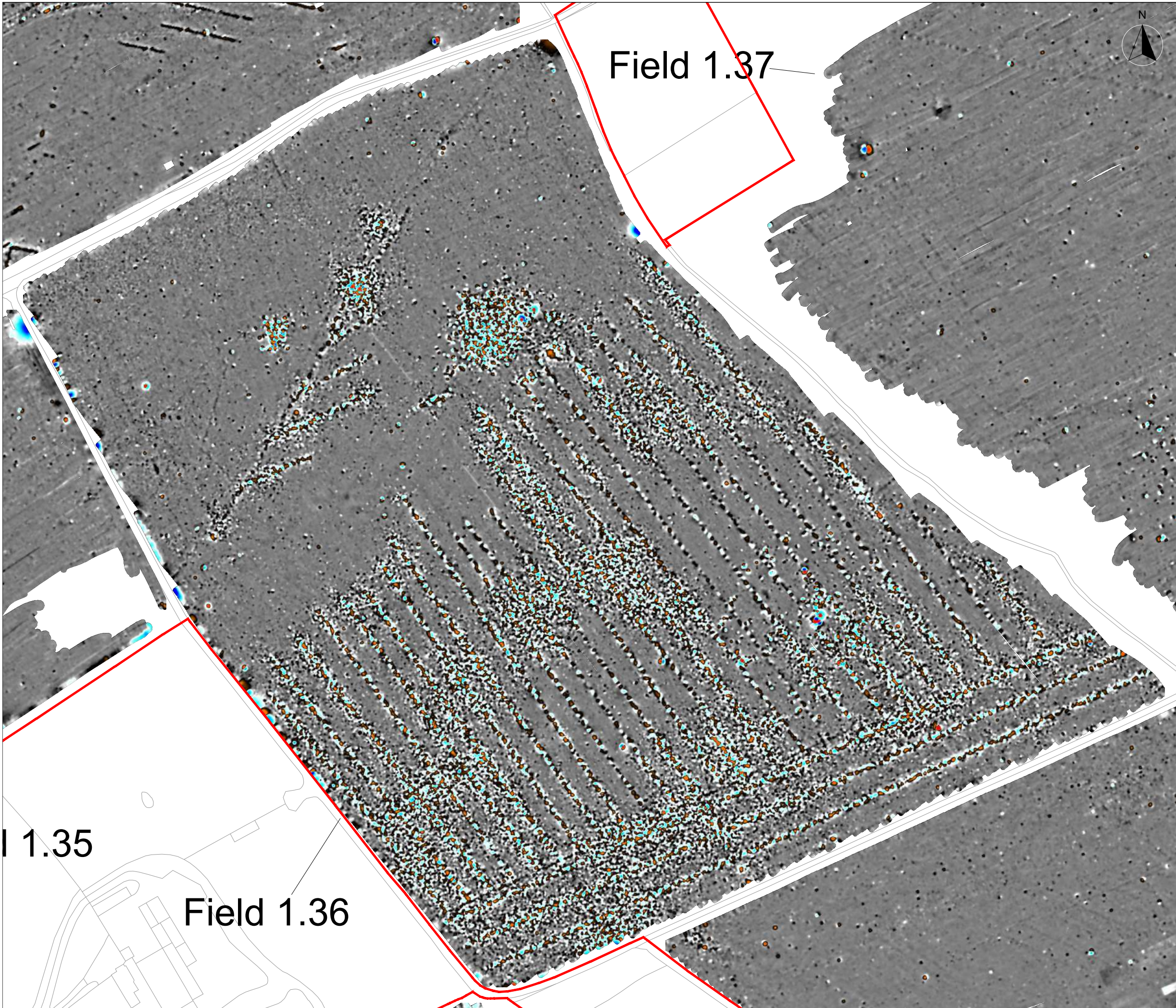


Fig No: 45



Title: Magnetometer Survey - Colour Plots (Field 1.36)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

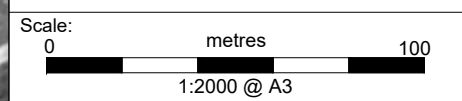
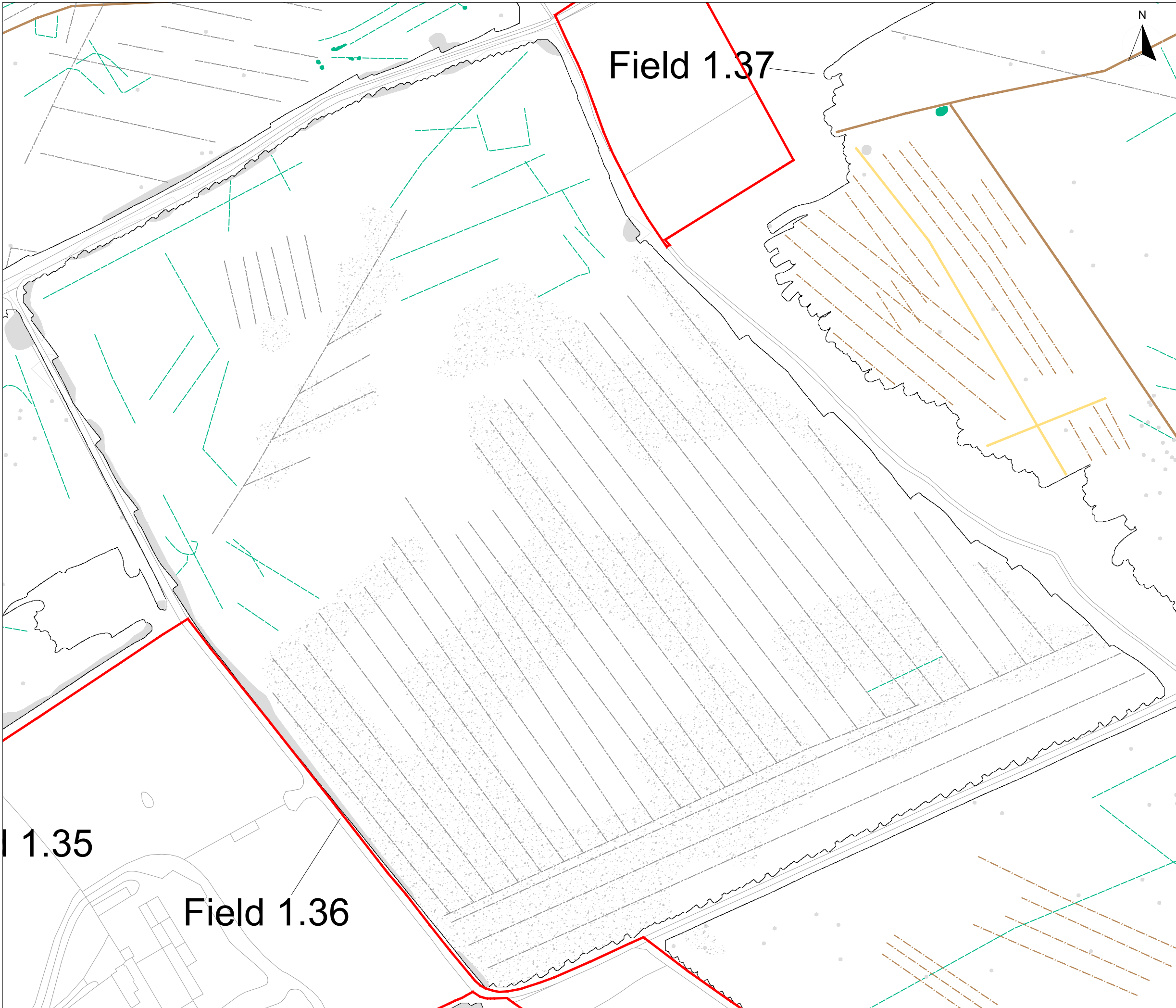


Fig No: 46



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



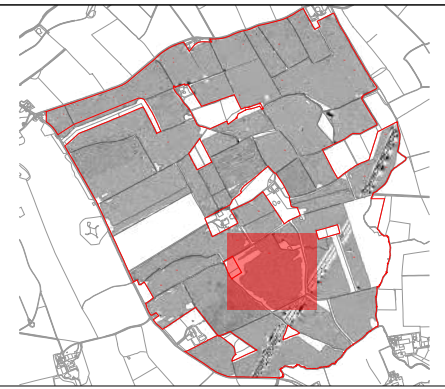
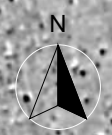
Title: Magnetometer Survey - Interpretation (Field 1.36)

Client: Island Green Power UK Limited

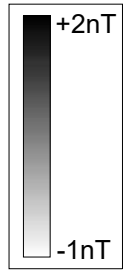
Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

Fig No: 47



Field 1.37



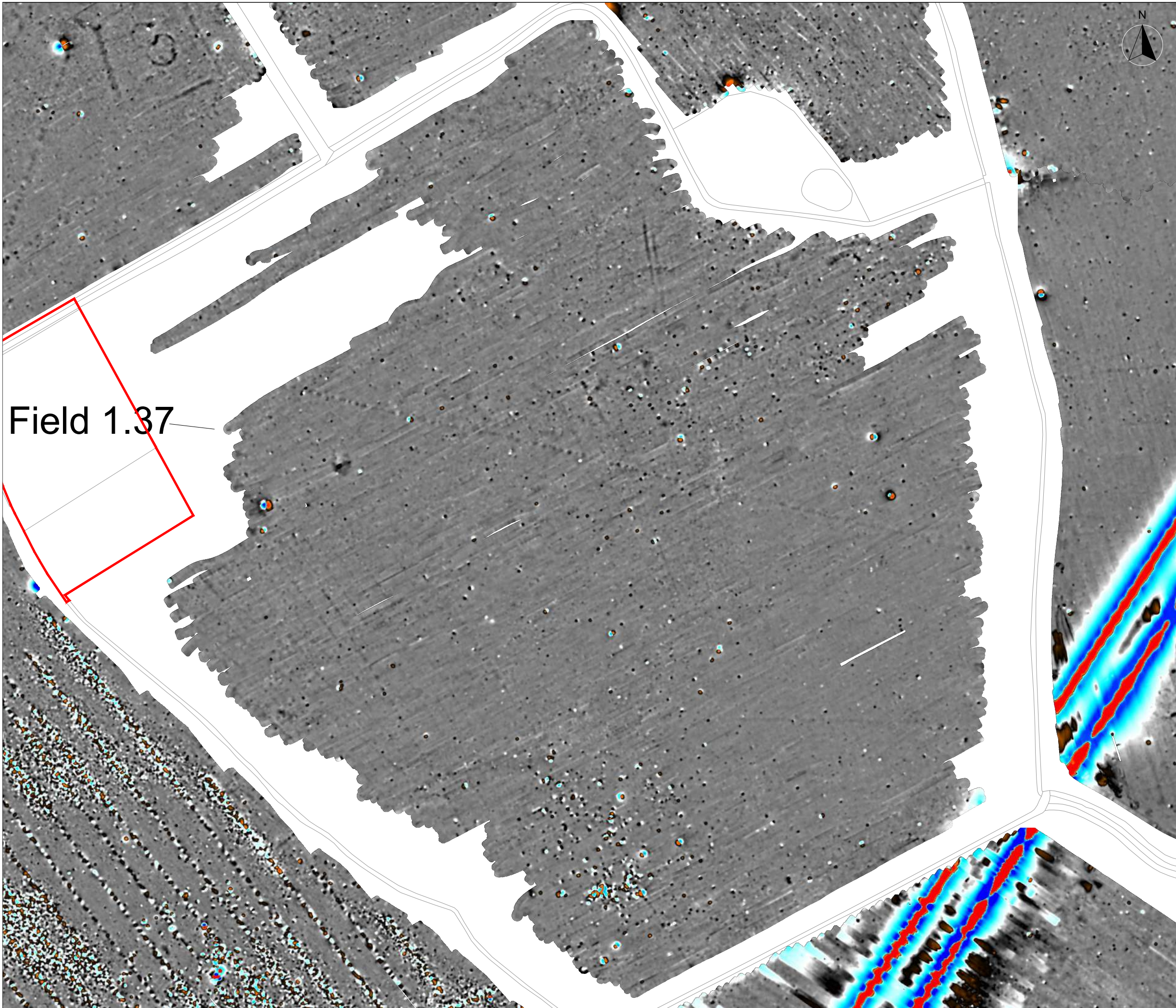
Title: Magnetometer Survey - Greyscale Plots (Field 1.37)

Client: Island Green Power UK Limited

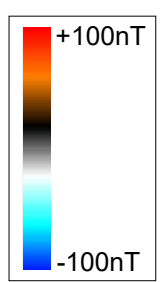
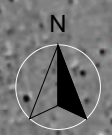
Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

Fig No: 48



Field 1.37



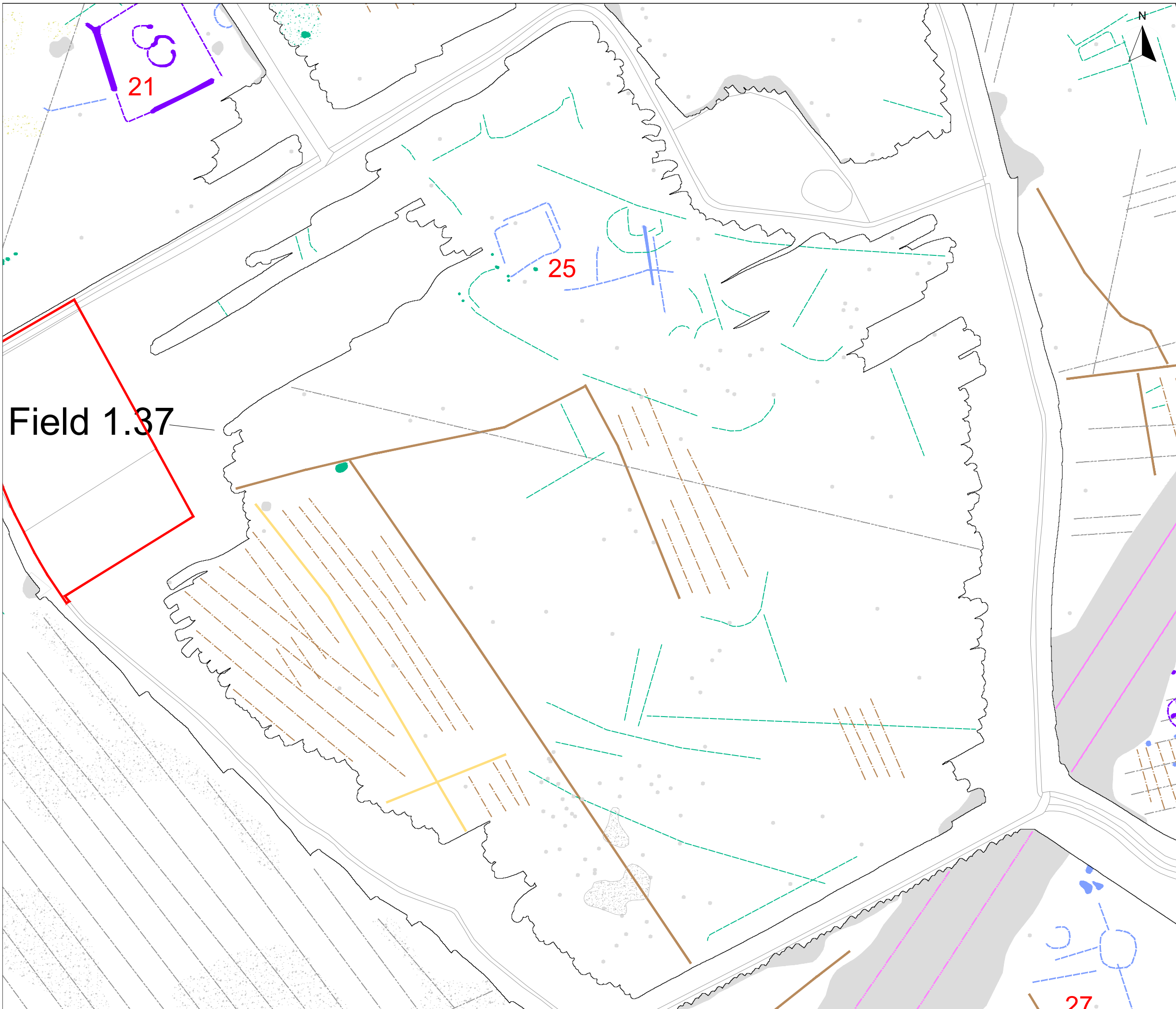
Title: Magnetometer Survey - Colour Plots (Field 1.37)

Client: Island Green Power UK Limited

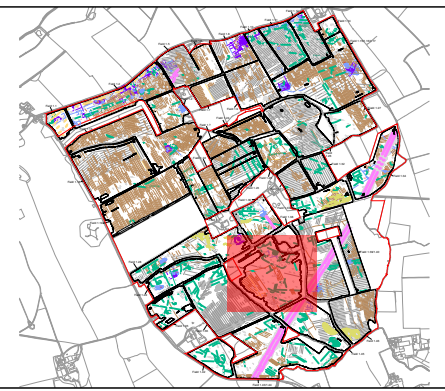
Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

Fig No: 49



Field 1.37



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



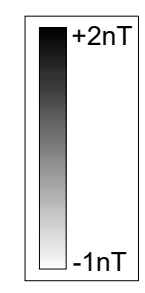
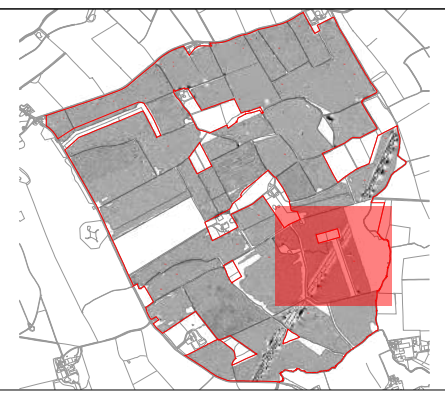
Title: Magnetometer Survey - Interpretation (Field 1.37)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 100
1:2000 @ A3

Fig No: 50



Title: Magnetometer Survey - Grayscale Plots
(Field 1.39/1.40)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

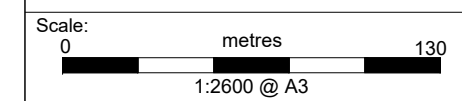
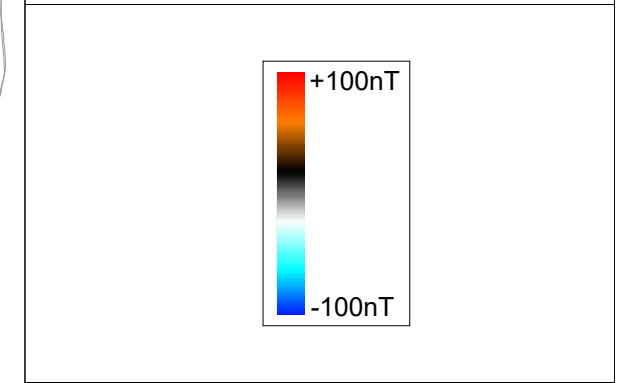
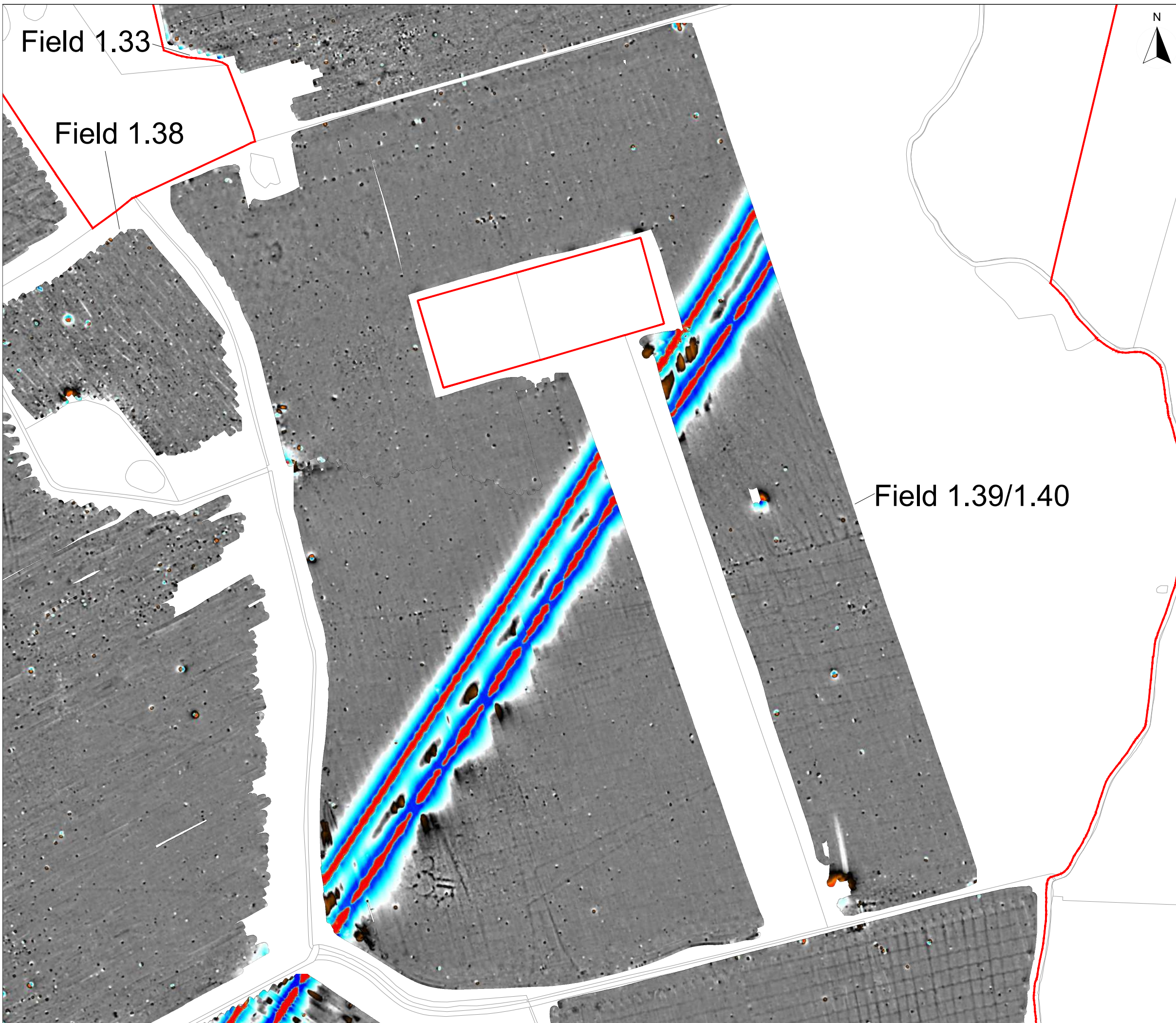


Fig No: 51

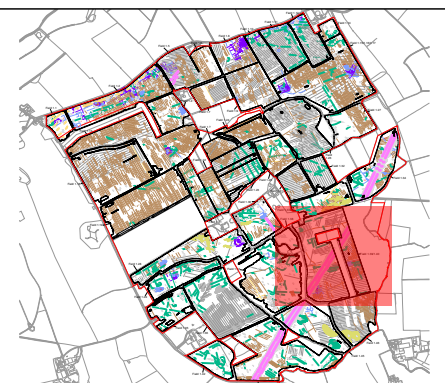
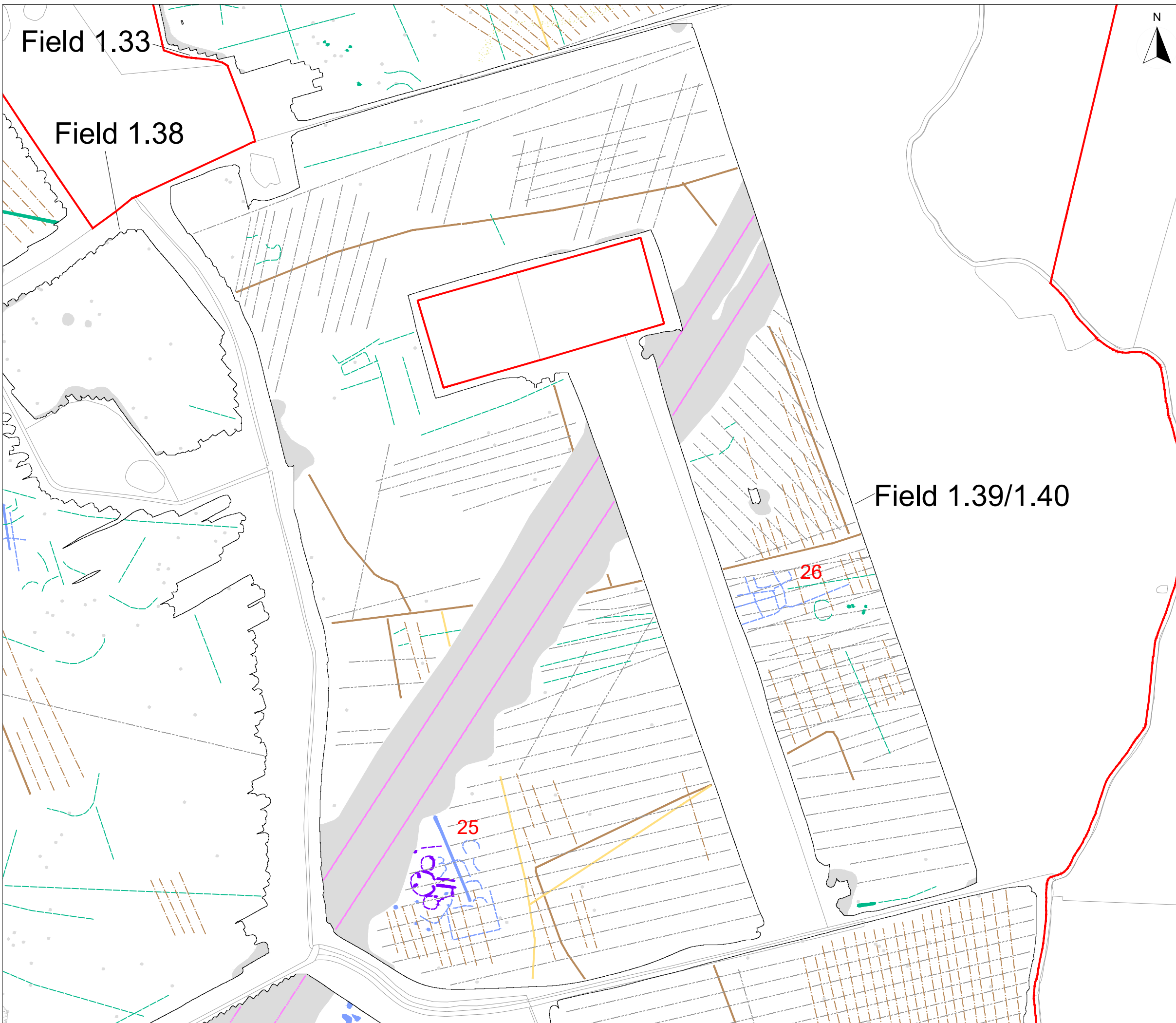


Title: Magnetometer Survey - Colour Plots (Field 1.39/1.40)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 130 1:2600 @ A3 Fig No: 52



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Title: Magnetometer Survey - Interpretation (Field 1.39/1.40)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

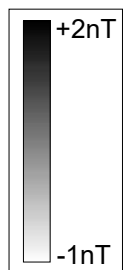
Scale: 0 metres 130
1:2600 @ A3

Fig No: 53

Field 1.36



Field 1.42



Title: Magnetometer Survey - Greyscale Plots (Field 1.42)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

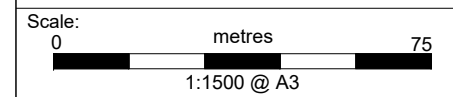
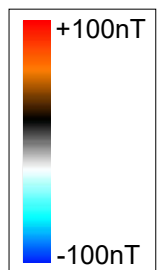


Fig No: 54

Field 1.36

Field 1.42



Title: Magnetometer Survey - Colour Plots
(Field 1.39/1.40)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

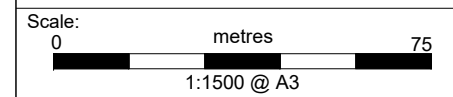
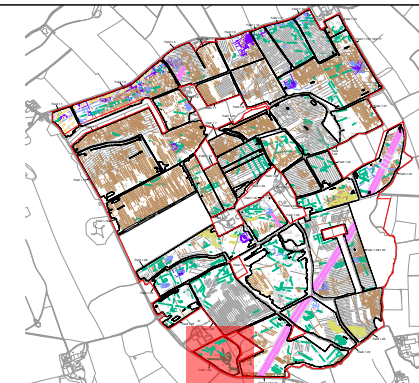


Fig No: 55

Field 1.36

Field 1.42



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



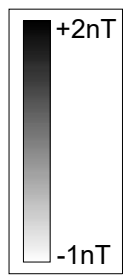
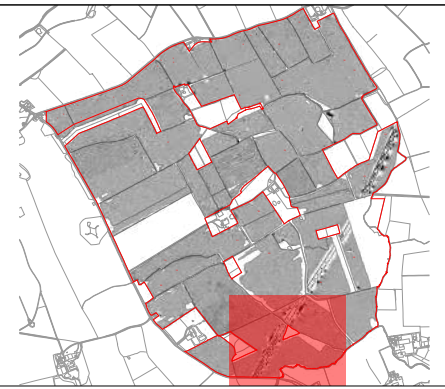
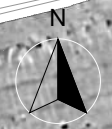
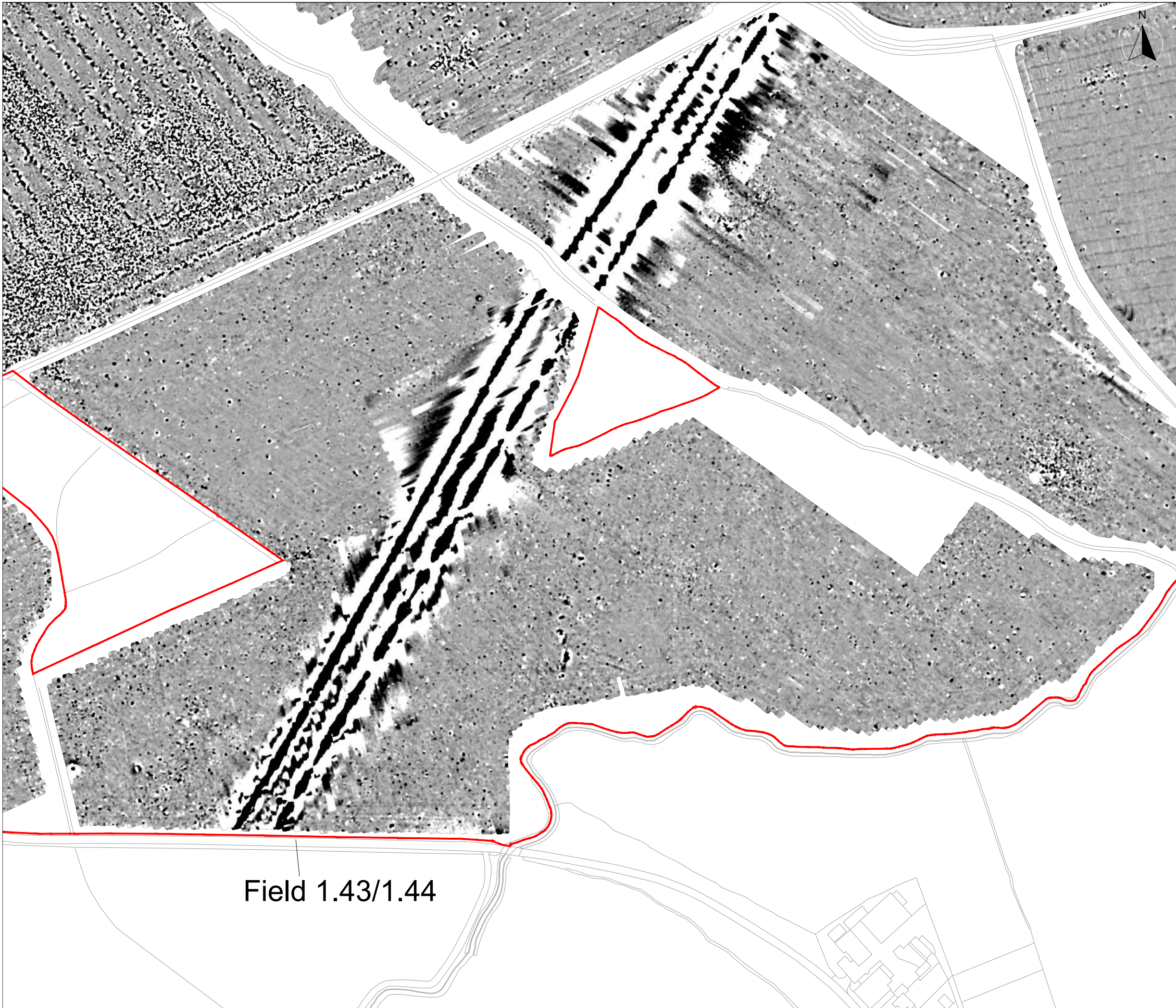
Title: Magnetometer Survey - Interpretation (Field 1.39/1.40)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 75
1:1500 @ A3

Fig No: 56



Field 1.43/1.44

Title: Magnetometer Survey - Greyscale Plots (Field 1.43/144)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

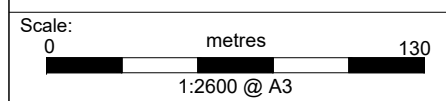
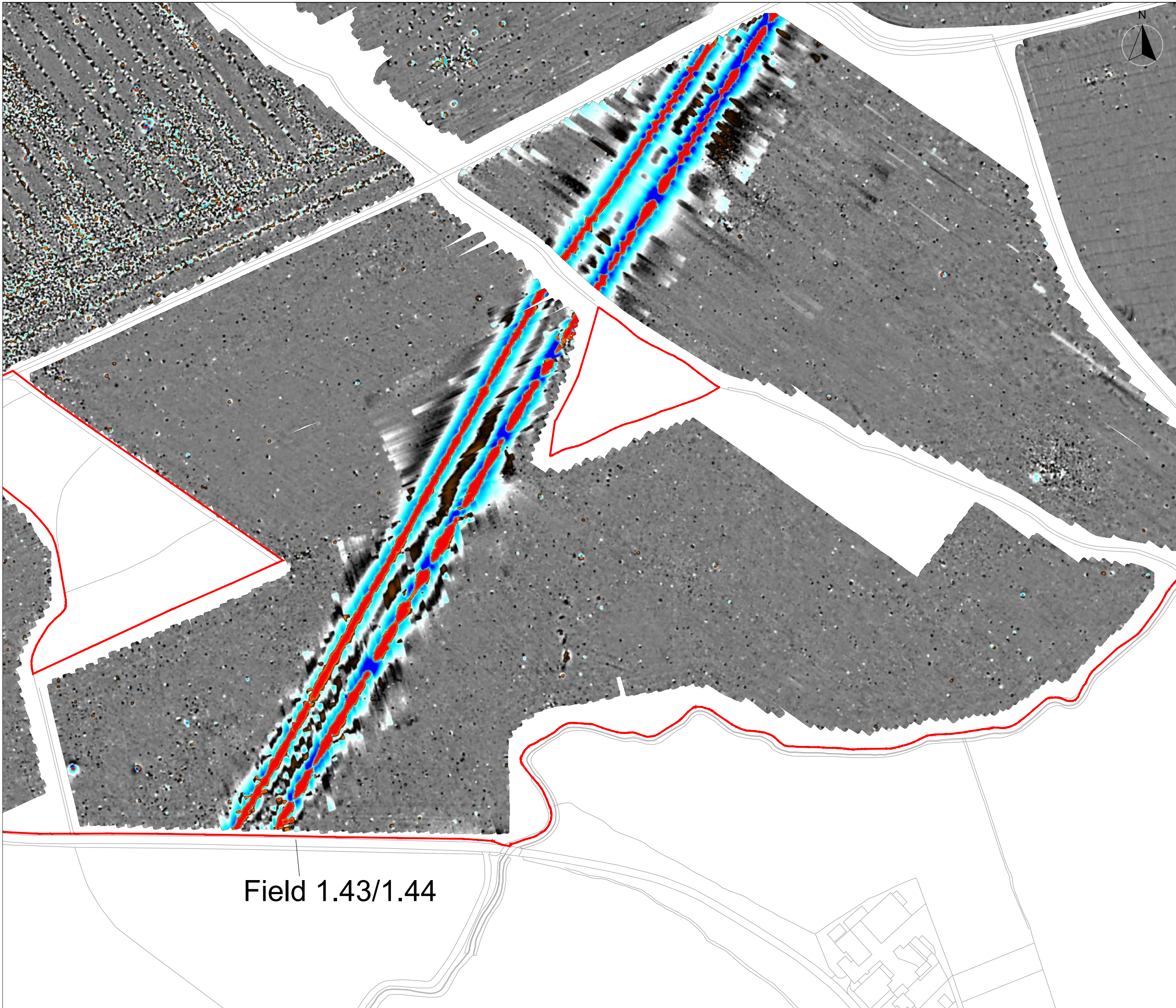
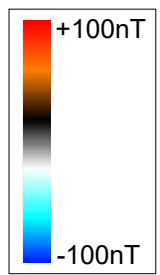


Fig No: 57



Field 1.43/1.44



Title: Magnetometer Survey - Colour Plots
(Field 1.43/144)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

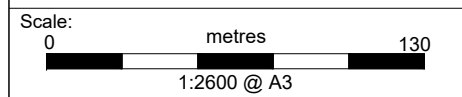
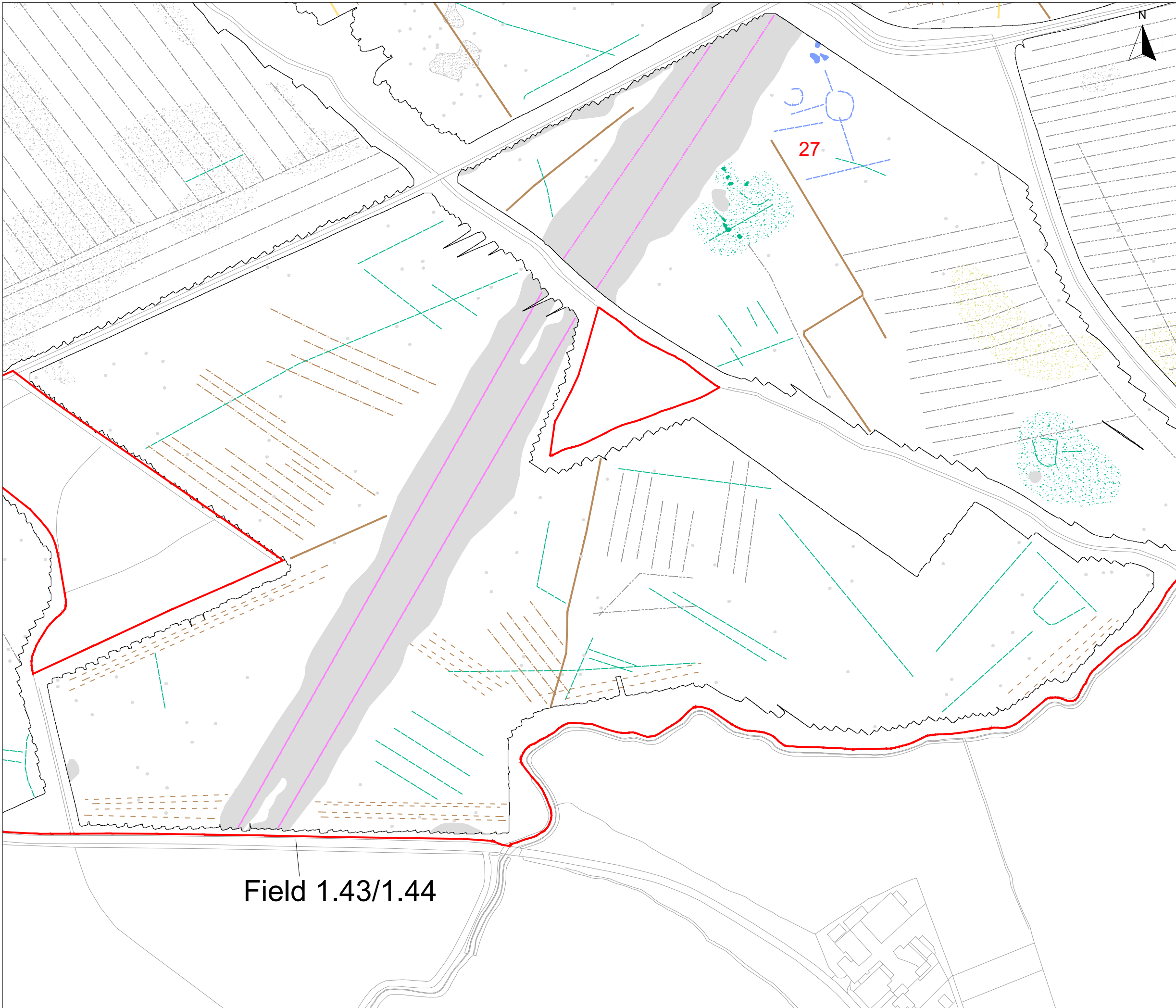


Fig No: 58



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Title: Magnetometer Survey - Interpretation (Field 1.43/144)

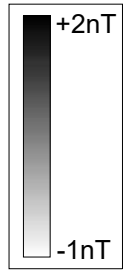
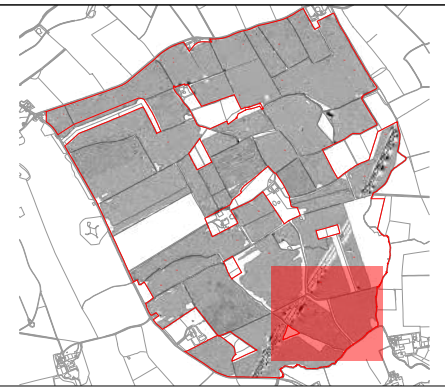
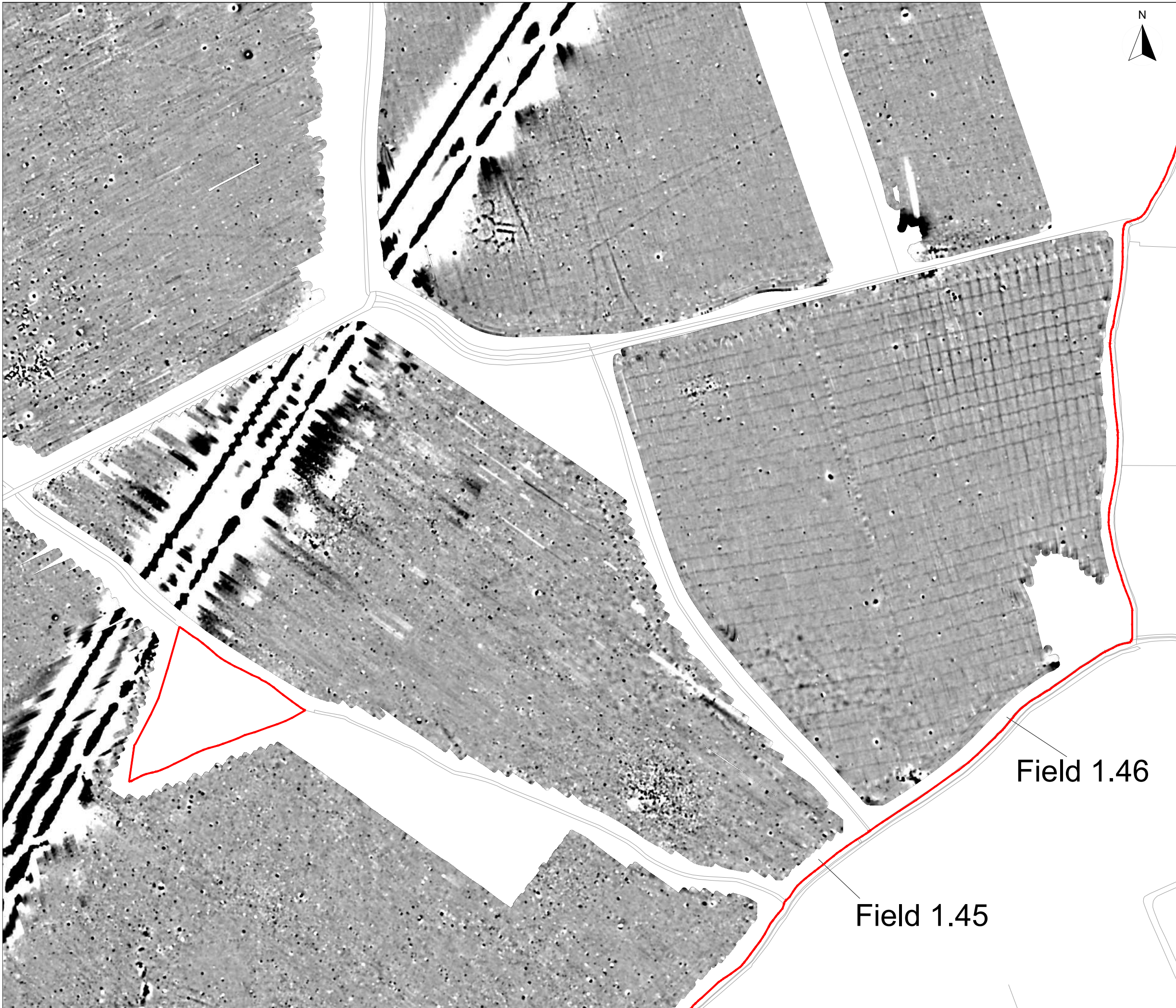
Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 130
1:2600 @ A3

Fig No: 59

Field 1.43/1.44



Field 1.46

Field 1.45

Title: Magnetometer Survey - Greyscale Plots (Field 1.45 & 1.46)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

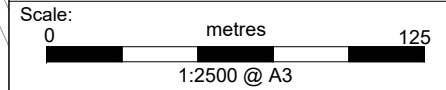
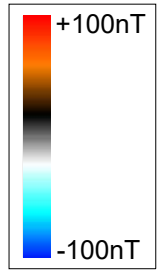
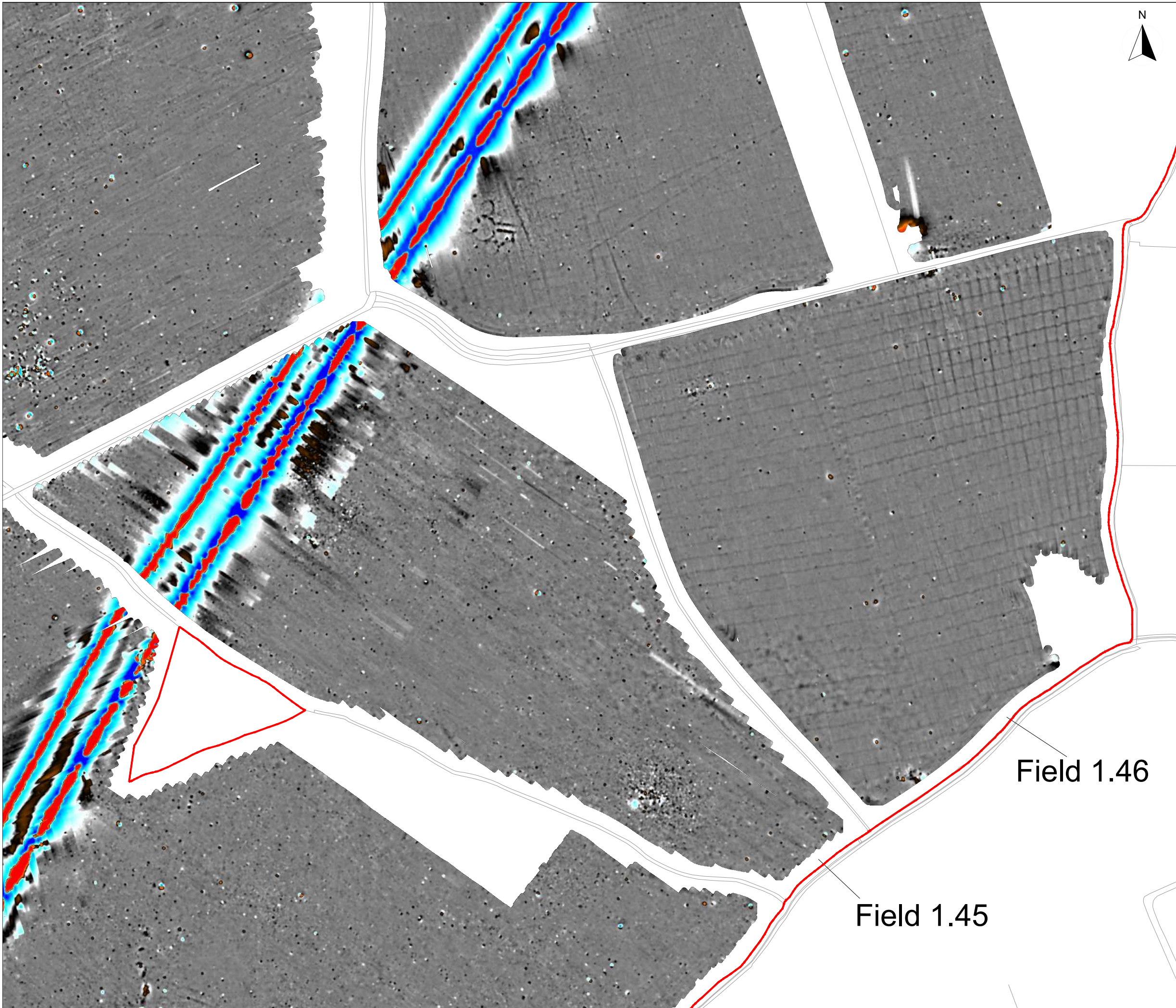


Fig No: 60



Field 1.46

Field 1.45

Title: Magnetometer Survey - Colour Plots
(Field 1.43/144)

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

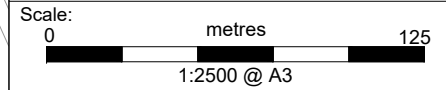
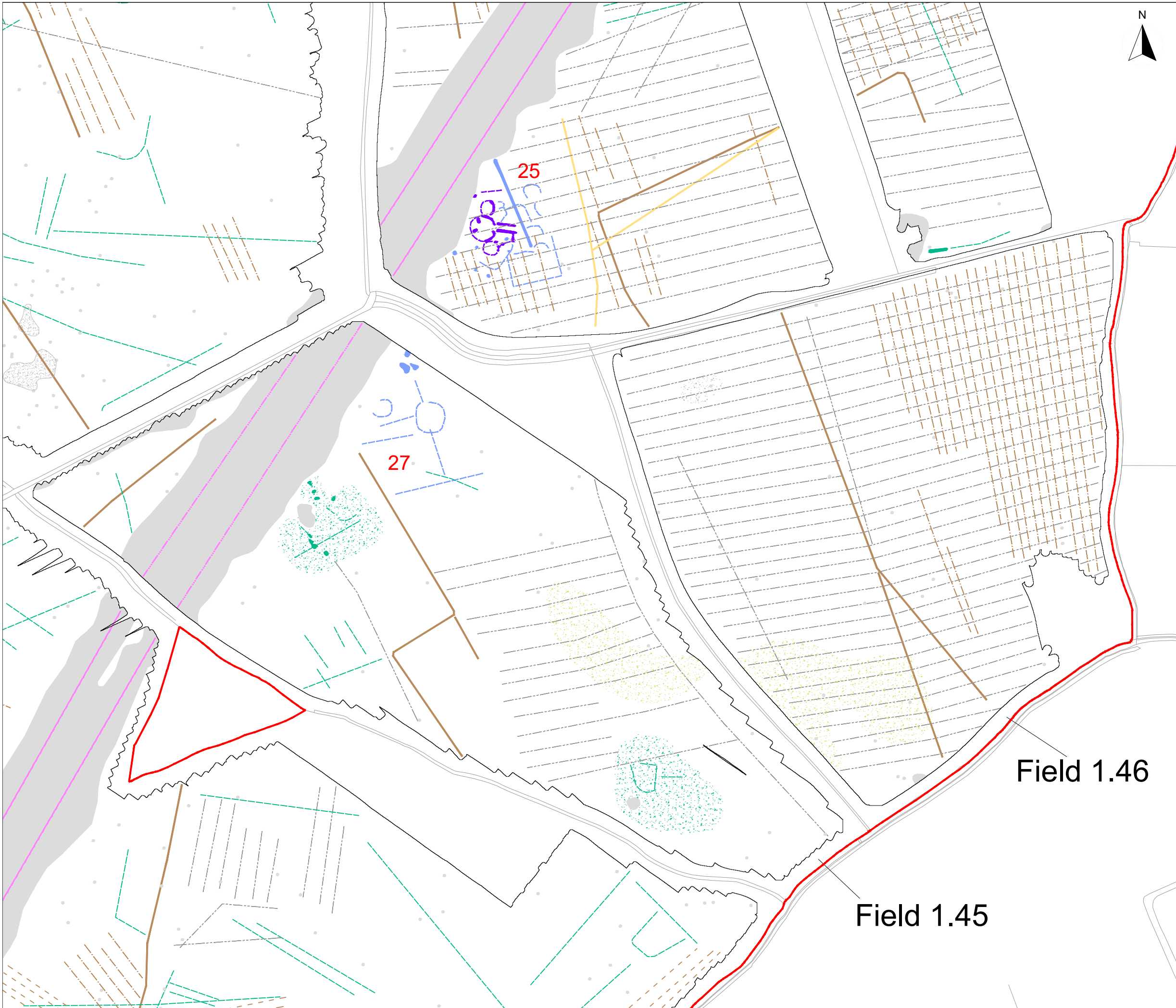


Fig No: 61



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Field 1.46

Field 1.45

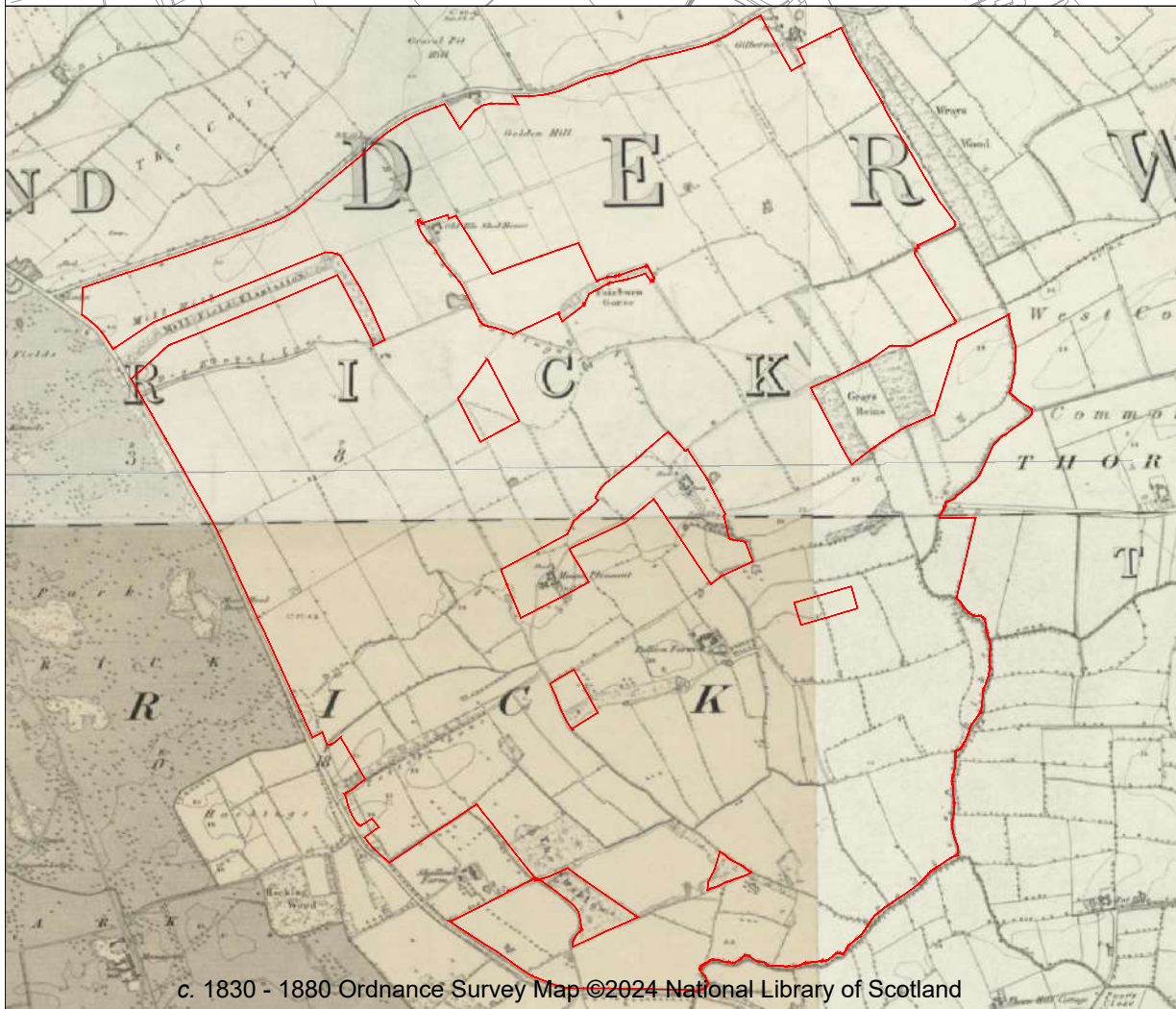
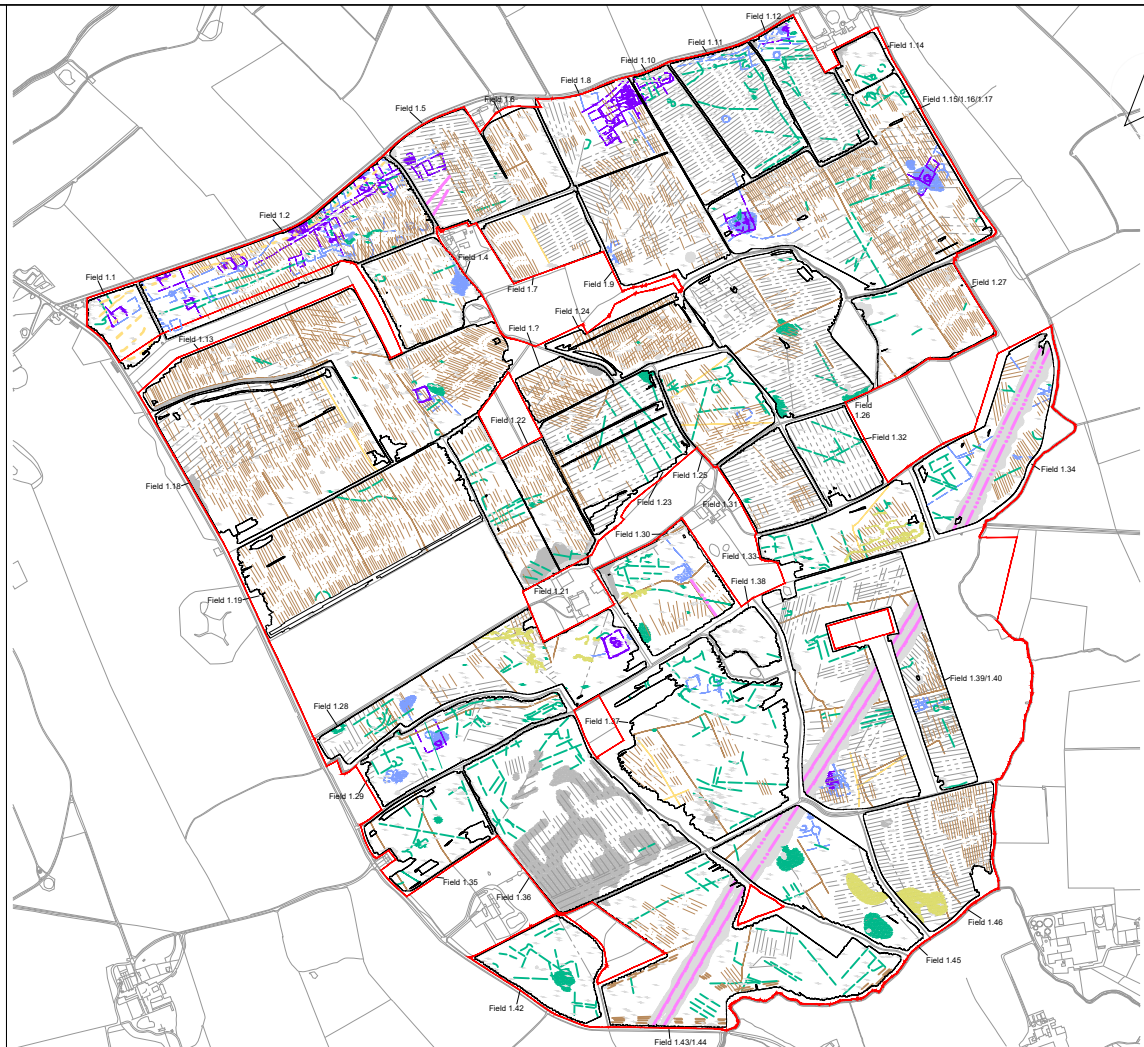
Title: Magnetometer Survey - Interpretation (Field 1.43/144)


Client: Island Green Power UK Limited

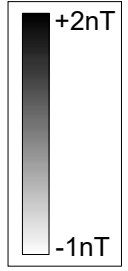
Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: 0 metres 125
1:2500 @ A3














Fig No: 62






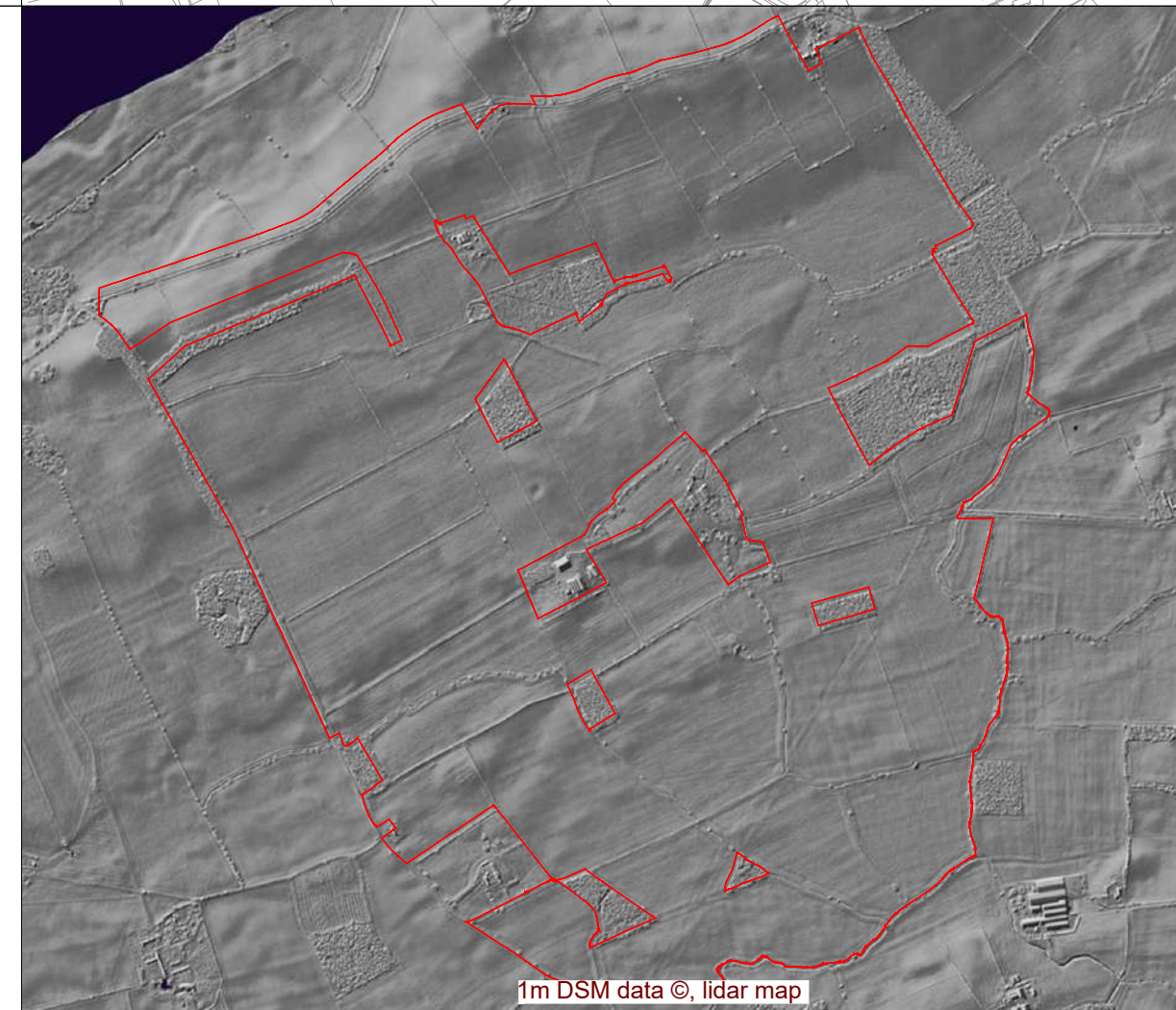
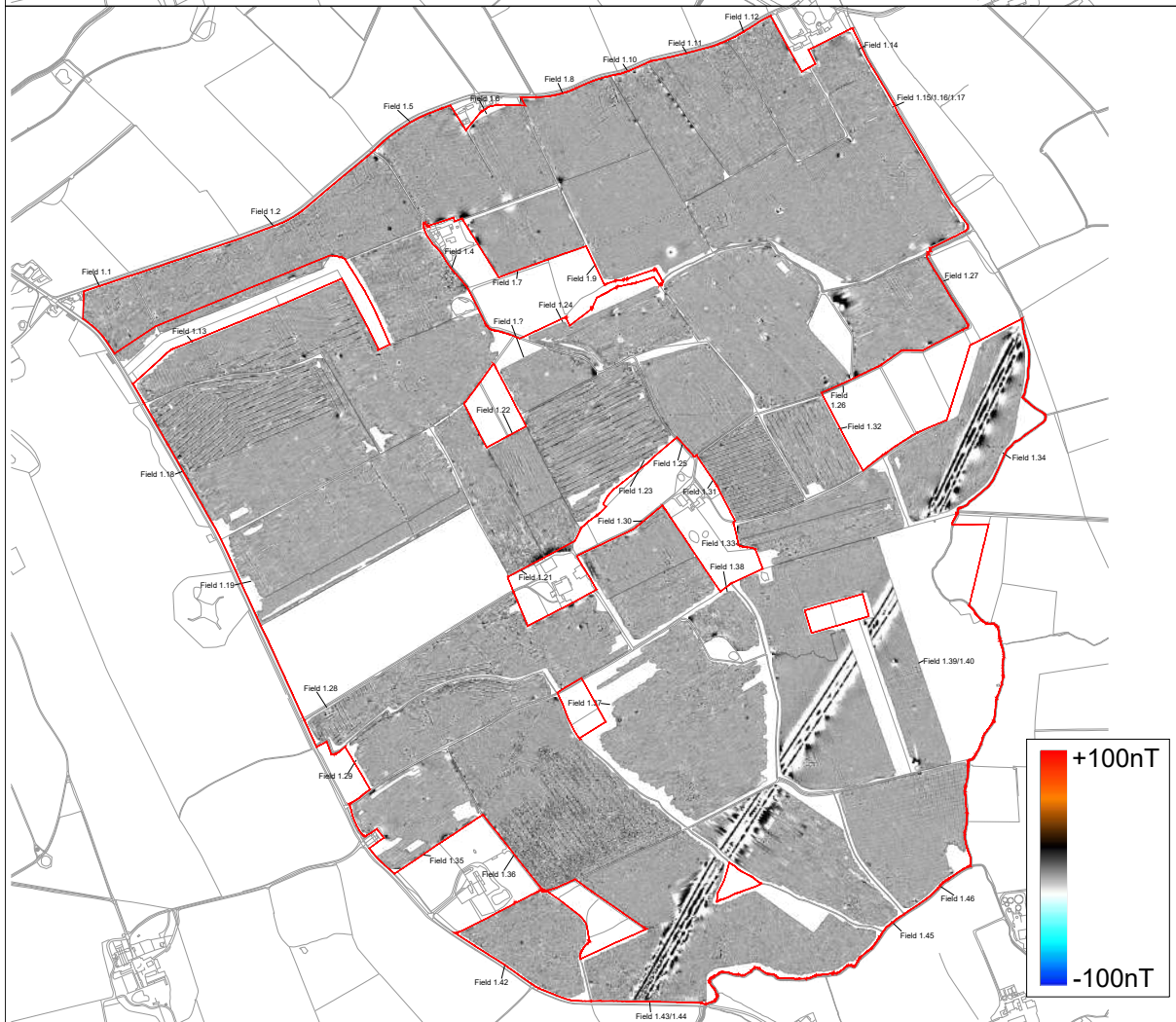
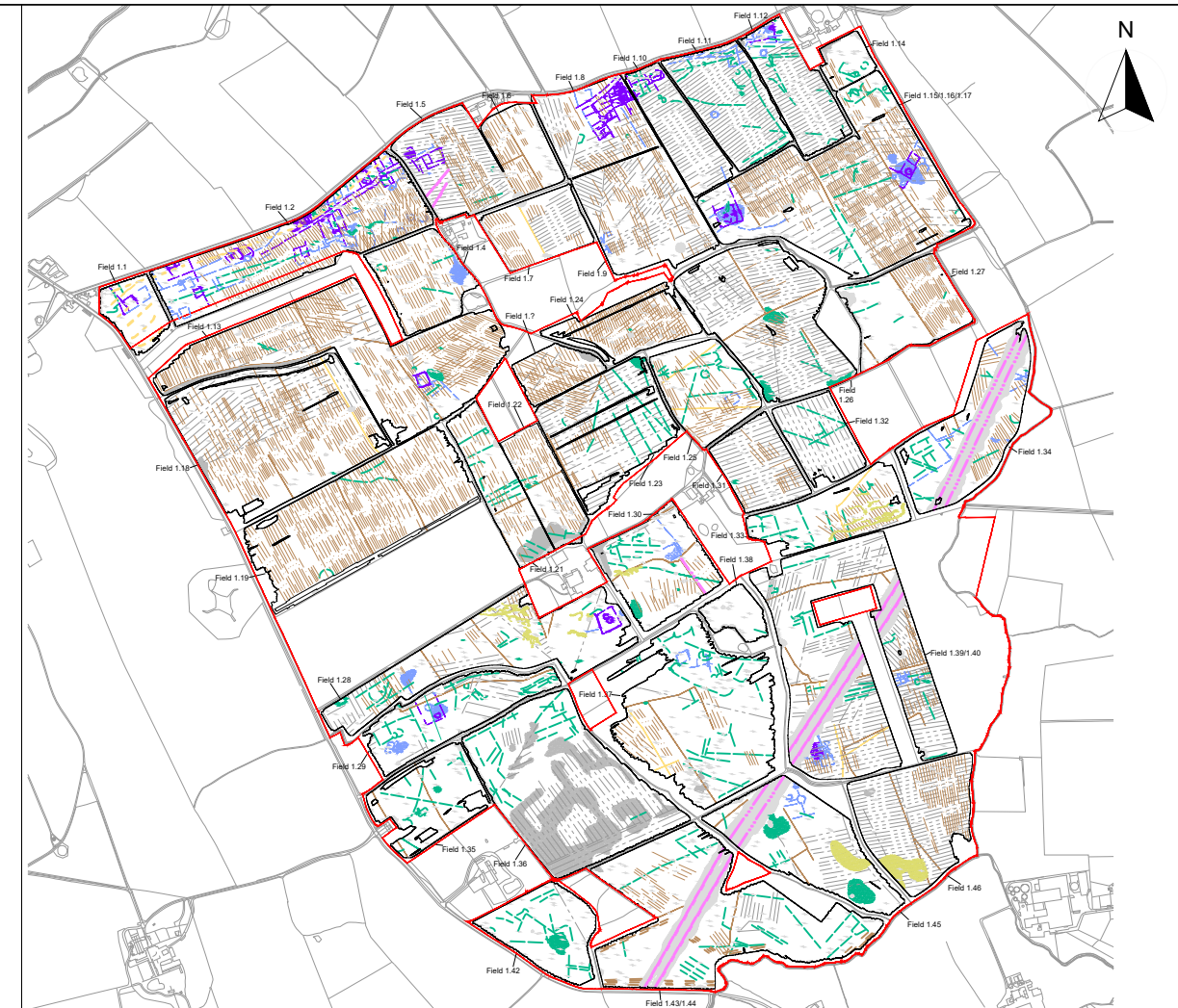


KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



Title: Greyscale Plots / Interpretation / 1830-1880 Ordnance Survey Map / 2023 Aerial Image
 Client: Island Green Power UK Limited
 Project: 16614-1 - Light Valley Solar Project: Site 1
 Scale: NOT TO SCALE Fig No: 63



KEY

	Probable archaeology (discrete anomaly / trend / increased response)
	Possible archaeology (discrete anomaly / trend / increased response)
	Ridge and furrow
	Uncertain Origin (discrete anomaly / trend / increased response)
	Former field boundary (corroborated)
	Former field boundary (conjectural)
	Agriculture (plough)
	Agriculture (tramline)
	Agriculture (land drain)
	Natural (e.g. geological / pedological)
	Magnetic disturbance
	Service
	Ferrous



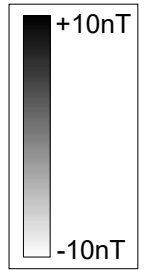
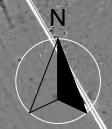
Title: Greyscale and Colour Plots / Interpretation / LIDAR Data Plot

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

Scale: NOT TO SCALE

Fig No: 64



Title: Minimally Processed Data - Greyscale Plots

Client: Island Green Power UK Limited

Project: 16614-1 - Light Valley Solar Project: Site 1

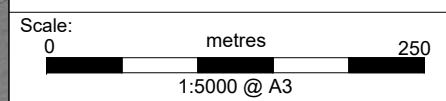
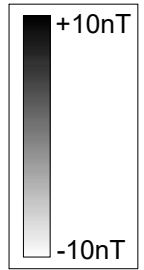
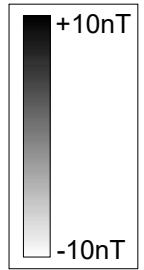
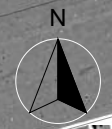
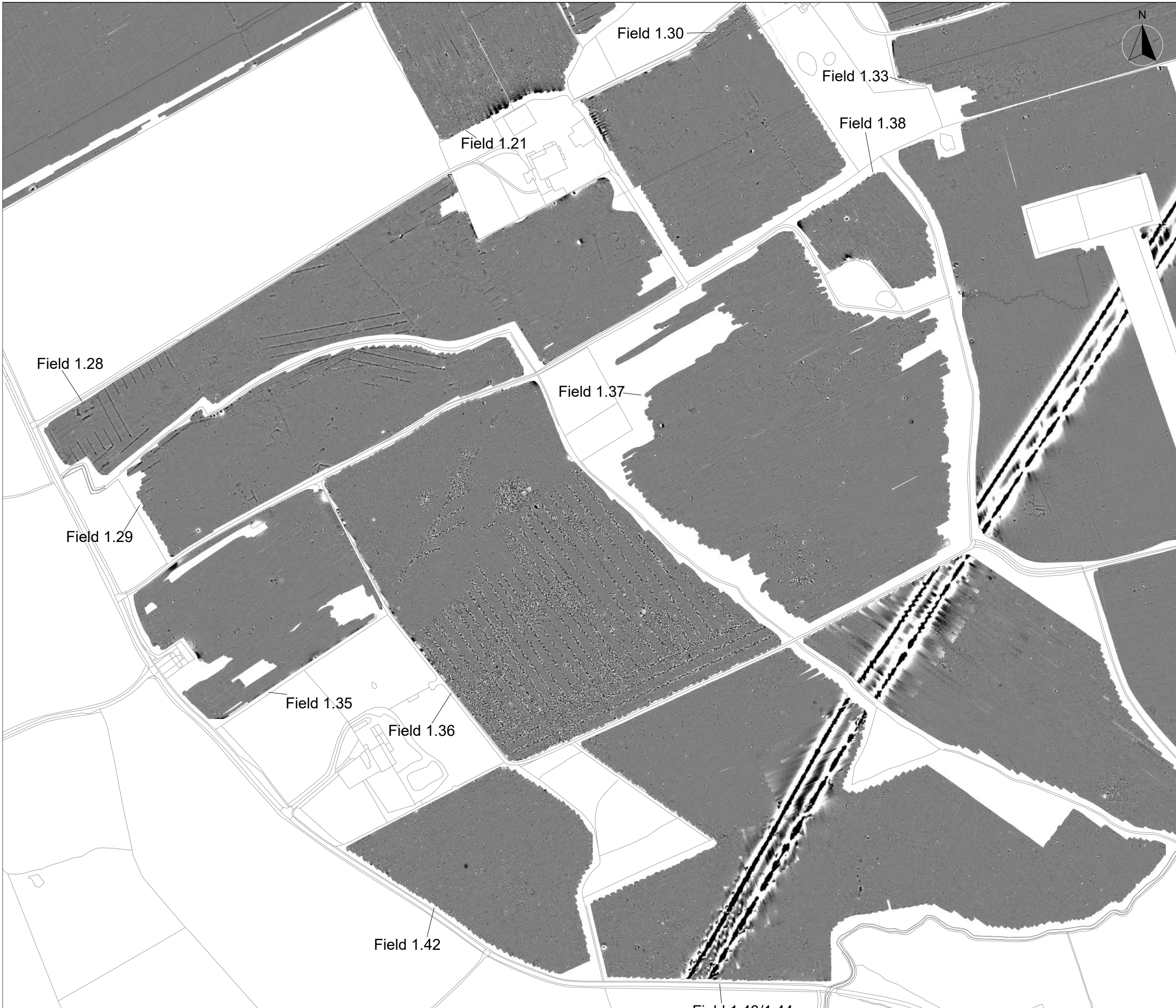


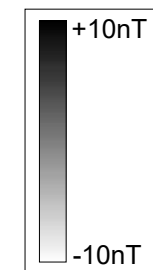
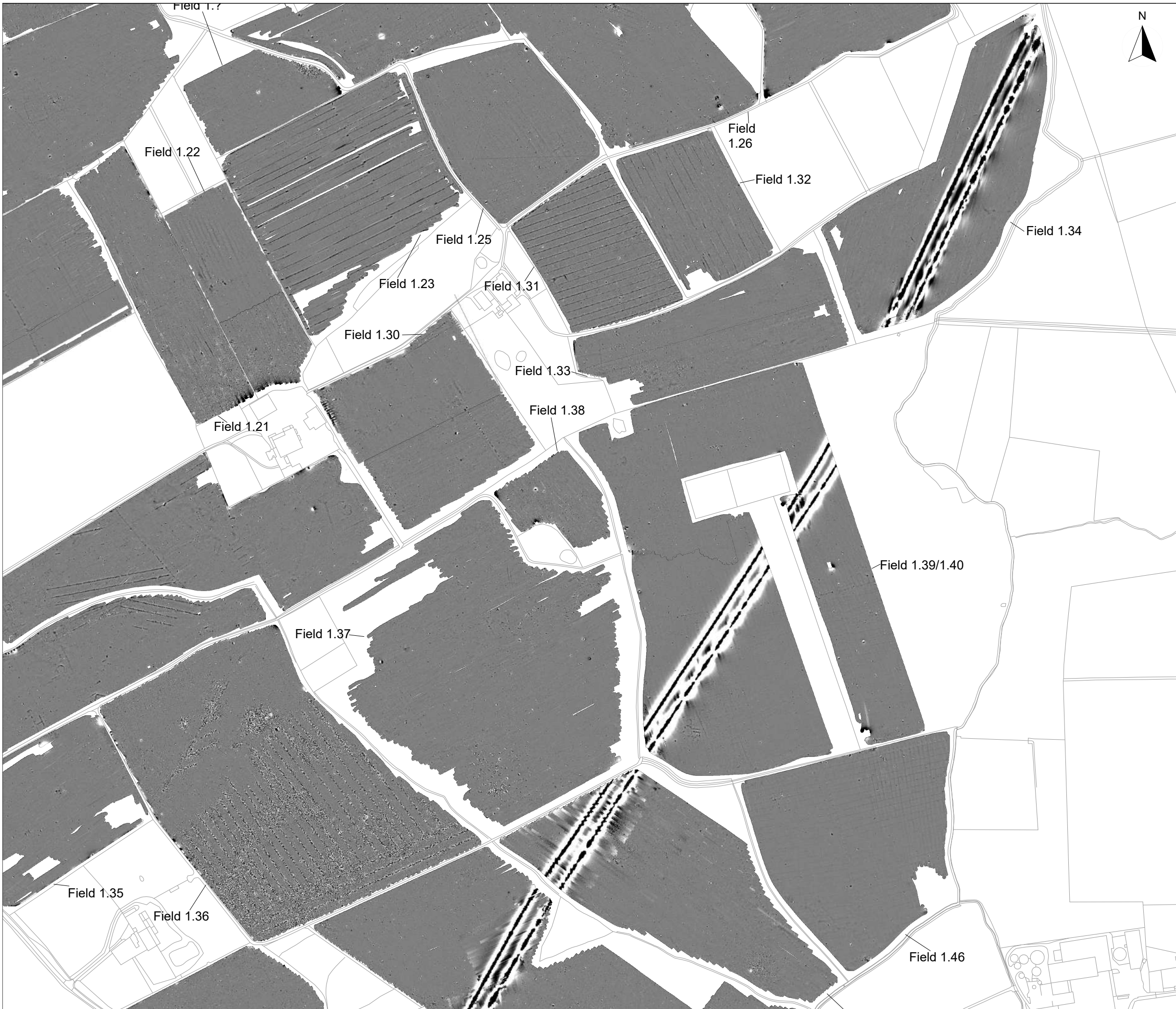
Fig No: 65



Title:	Minimally Processed Data - Greyscale Plots	
Client:	Island Green Power UK Limited	
Project:	16614-1 - Light Valley Solar Project: Site 1	
Scale:	0 metres 250	Fig No: 66
	1:5000 @ A3	



Title: Minimally Processed Data - Greyscale Plots	
Client: Island Green Power UK Limited	
Project: 16614-1 - Light Valley Solar Project: Site 1	
Scale: 0 metres 250 1:5000 @ A3	Fig No: 67



Title:
Minimally Processed Data - Greyscale Plots

Client:
Island Green Power UK Limited

Project:
16614-1 - Light Valley Solar Project: Site 1

Scale:
0 metres 300
1:6000 @ A3

Fig No:
68



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Solar

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