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Stratascan Ltd.  
Vineyard House  
Upper Hook Road  
Upton Upon Severn  
WR8 0SA  
OS 100km square = SO



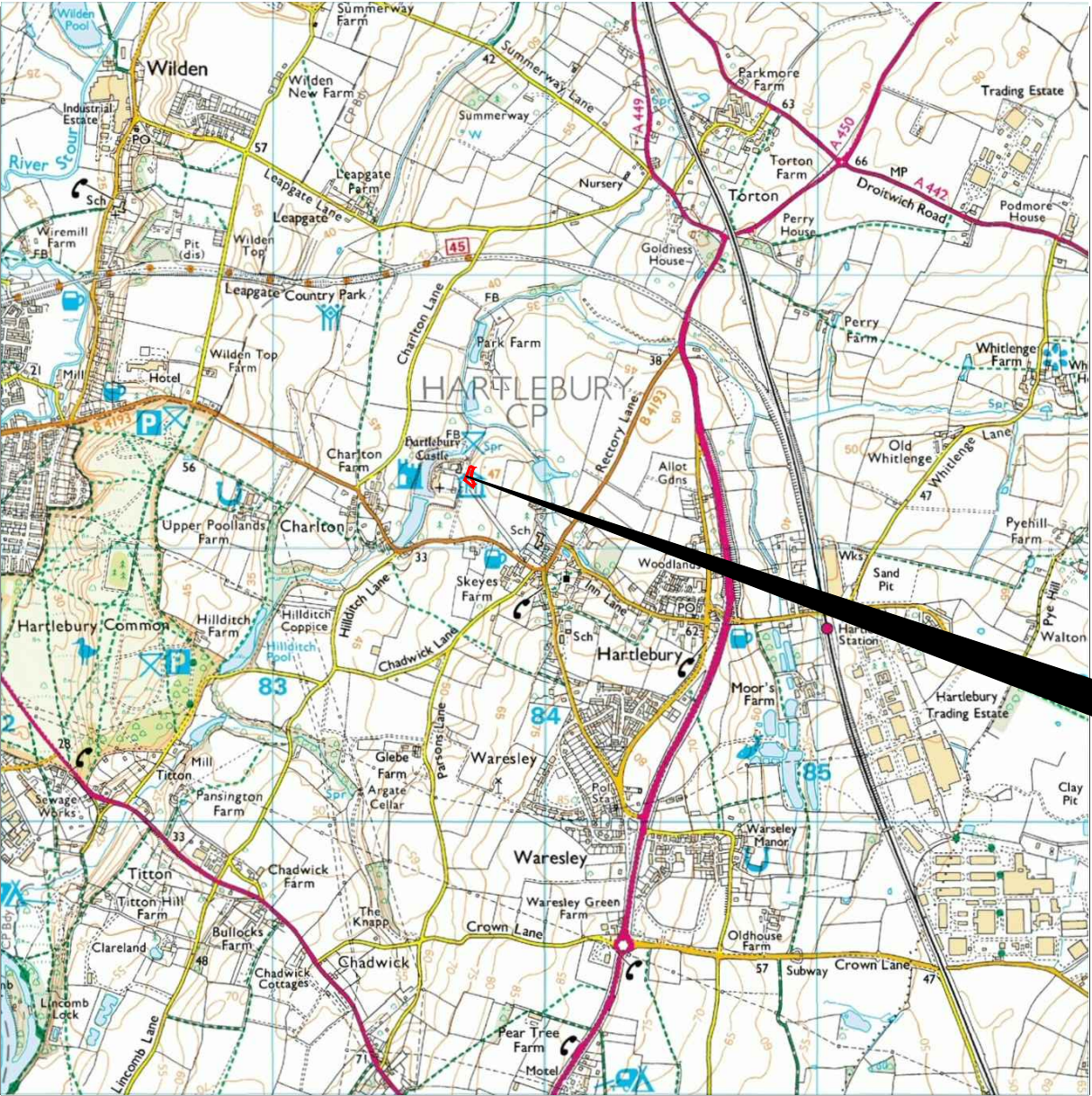
73

72

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82

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84

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86

Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Site centred on NGR SO 837 712

Client  
**HARTLEBURY CASTLE  
PRESERVATION TRUST**

Project Title  
**GEOPHYSICAL SURVEY-  
HARTLEBURY CASTLE**

Job No. 6898

Subject  
**LOCATION PLAN OF SURVEY AREA**

**STRATASCAN™**  
GEOPHYSICS FOR ARCHAEOLOGY  
AND ENGINEERING

VINEYARD HOUSE  
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**EUROPEAN  
GPR  
ASSOCIATION**

**sumo**  
SURVEY SERVICES

SUMO GROUP MEMBER

IMS ISO 9001 certified

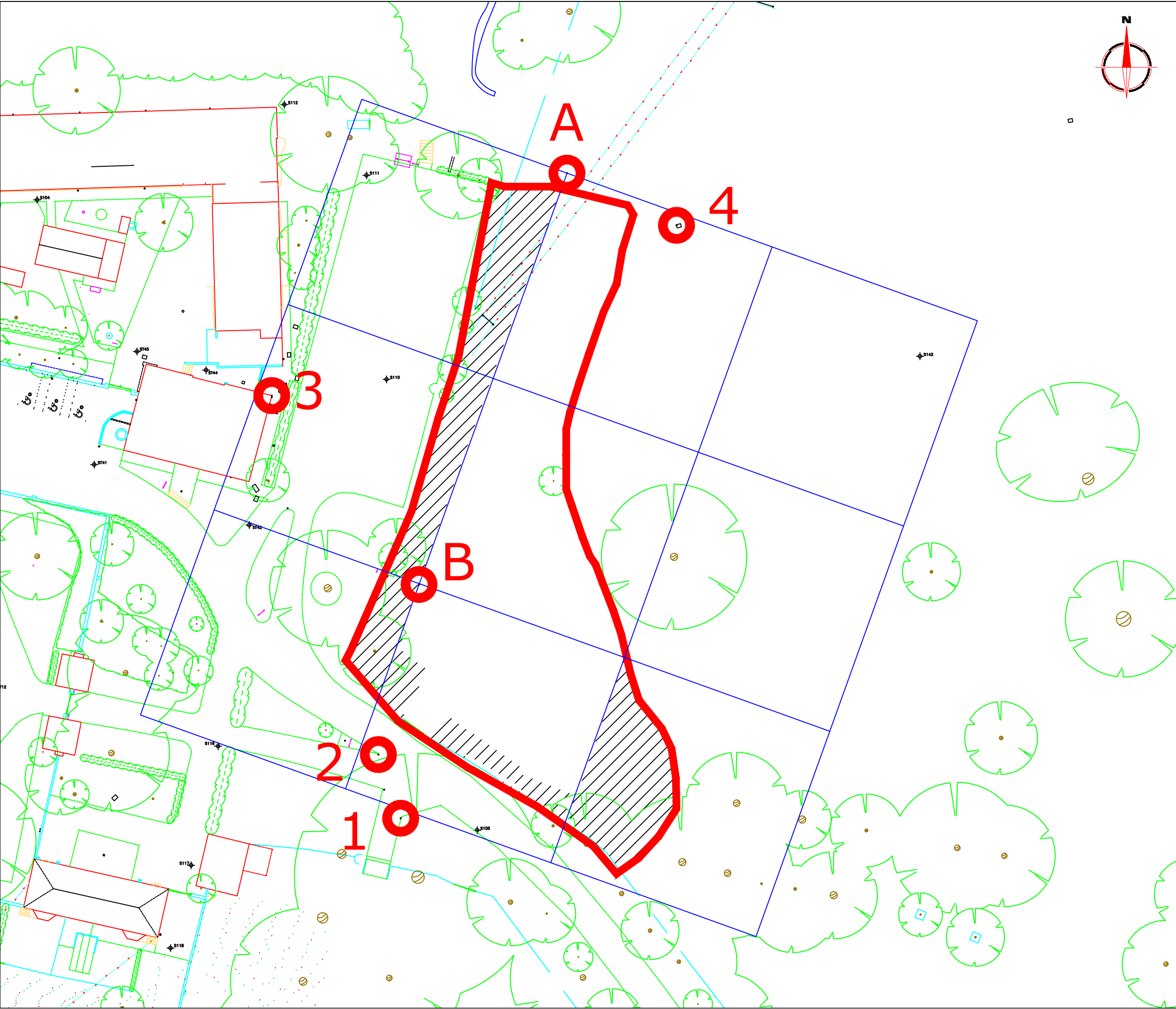
UKAS ISO 14001 certified

Scale  
**1:25000**

0m 500 1000m

Plot <b>A3</b>	Checked by <b>DGE</b>	Issue No. <b>01</b>
Survey date <b>MAY 14</b>	Drawn by <b>TJH</b>	Figure No. <b>01</b>





Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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KEY

Area unsurveyable due to overgrowth

REFERENCING INFORMATION

A-B	60m	A-1	91.63m	A-2	84.08m
A-3	50.85m	A-4	16.69m	B-1	32.25m
B-2	24.06m	B-3	32.95m	B-4	60.79m

A-BBase line

1,2,3,4Referencing points

Client

HARTLEBURY CASTLE  
PRESERVATION TRUST

Project Title

GEOPHYSICAL SURVEY-  
HARTLEBURY CASTLE

Job No. 6898

Subject

LOCATION OF SURVEY GRIDS AND  
REFERENCING

STRATASCAN™

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QUALITY  
078

ims  
ISO 14001  
certified

UKAS  
ENVIRONMENTAL  
078

Scale

1:500

0m 5 10 15 20 25m

Plot

A3

Checked by

DGE

Issue No.

01

Survey date

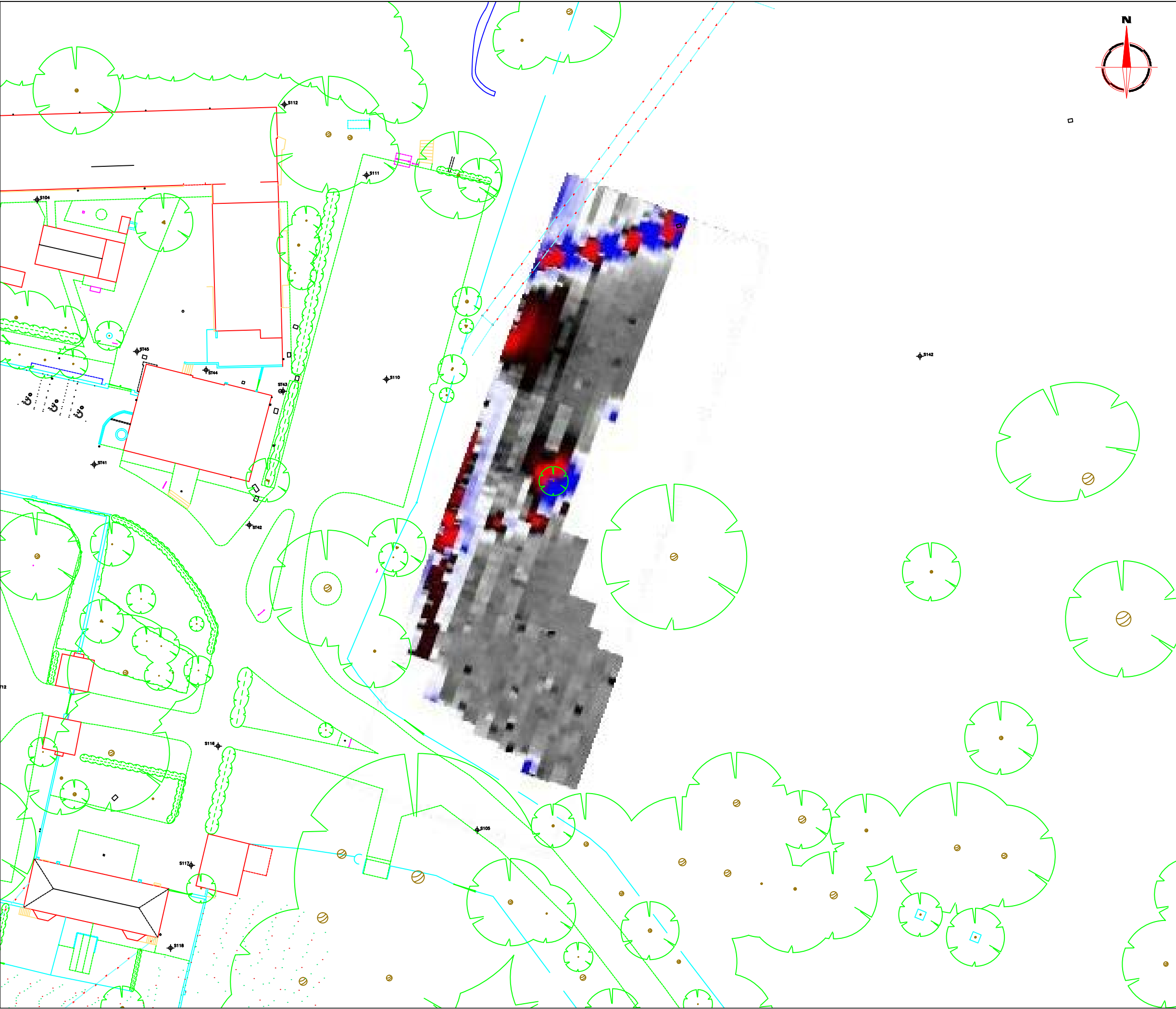
MAY 14

Drawn by

TJH

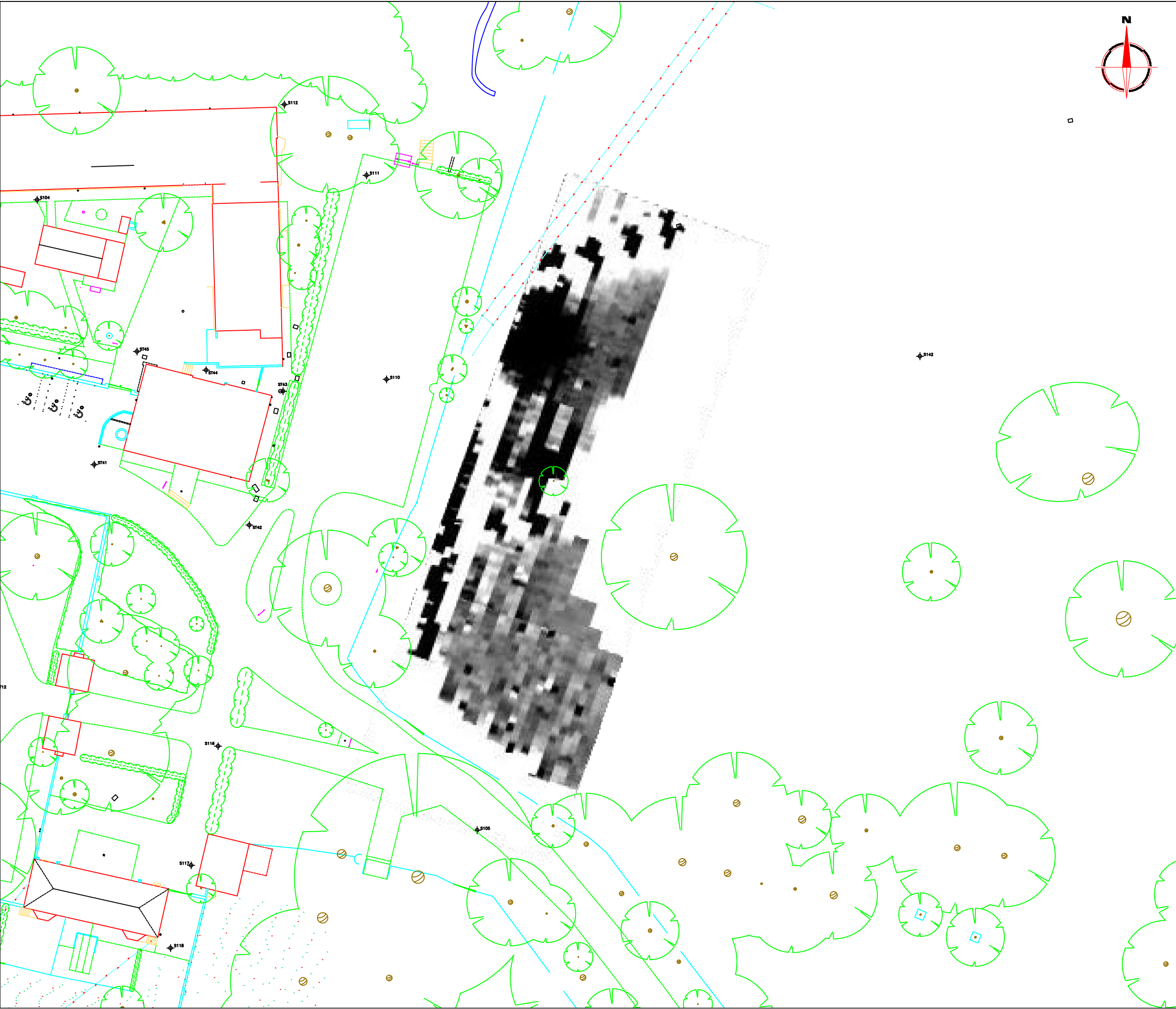
Figure No.

02



### Amendments

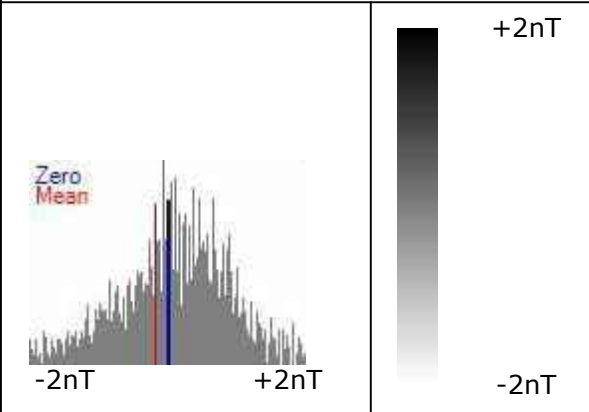
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters		
Maximum +100nT (red)		+100nT
Minimum -100nT (blue)		-100nT
Client		
HARTLEBURY CASTLE PRESERVATION TRUST		
Project Title		Job No. 6898
GEOPHYSICAL SURVEY- HARTLEBURY CASTLE		
Subject		
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES		
STRATASCAN™		
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SUMO GROUP MEMBER		
IMS ISO 9001 certified		
IMS ISO 14001 certified		
Scale		
1:500		
0m 5 10 15 20 25m		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
MAY 14	TJH	03



### Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Client  
**HARTLEBURY CASTLE  
PRESERVATION TRUST**

Project Title  
**GEOPHYSICAL SURVEY-  
HARTLEBURY CASTLE**

Subject  
**PLOT OF MINIMALLY PROCESSED  
GRADIOMETER DATA**

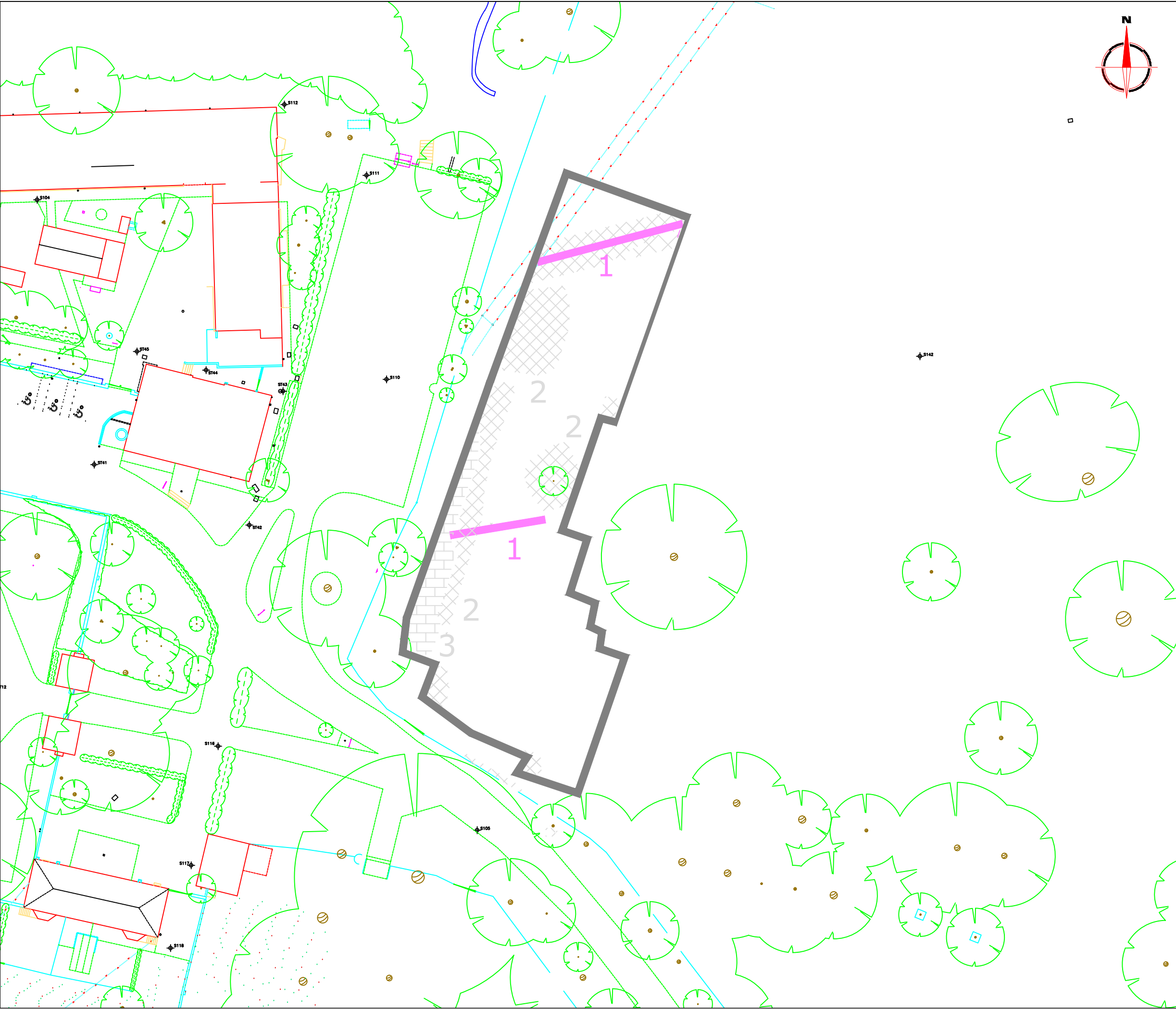
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Scale  
**1:500**  
0m 5 10 15 20 25m

Plot <b>A3</b>	Checked by <b>DGE</b>	Issue No. <b>01</b>
Survey date <b>MAY 14</b>	Drawn by <b>TJH</b>	Figure No. <b>04</b>





Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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KEY

PROBABLE ARCHAEOLOGY

	Positive anomaly / weak positive anomaly - probable cut feature of archaeological origin
	Negative anomaly / weak negative anomaly - probable bank or earthwork of archaeological origin
	Moderate strength discrete anomaly - probable thermoremanent feature
	Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow

POSSIBLE ARCHAEOLOGY

	Positive anomaly / weak positive anomaly - possible cut feature of archaeological origin
	Negative anomaly / weak negative anomaly - possible bank or earthwork of archaeological origin
	Moderate strength discrete anomaly - possible thermoremanent feature

OTHER ANOMALIES

	Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing
	Linear anomaly - probably related to pipe, cable or other modern service
	Linear anomaly - possibly related to land drain
	Magnetic disturbance associated with nearby metal object such as service or field boundary
	Strong magnetic debris - possible disturbed or made ground
	Scattered magnetic debris
	Area of amorphous magnetic variation - probable natural (e.g. geological or pedological) origin
	Magnetic spike - probable ferrous object

Client

HARTLEBURY CASTLE  
PRESERVATION TRUST

Project Title

Job No.

6898

GEOPHYSICAL SURVEY-  
HARTLEBURY CASTLE

Subject

ABSTRACTION AND INTERPRETATION  
OF GRADIOMETER ANOMALIES

GEOPHYSICS FOR ARCHAEOLOGY  
AND ENGINEERING

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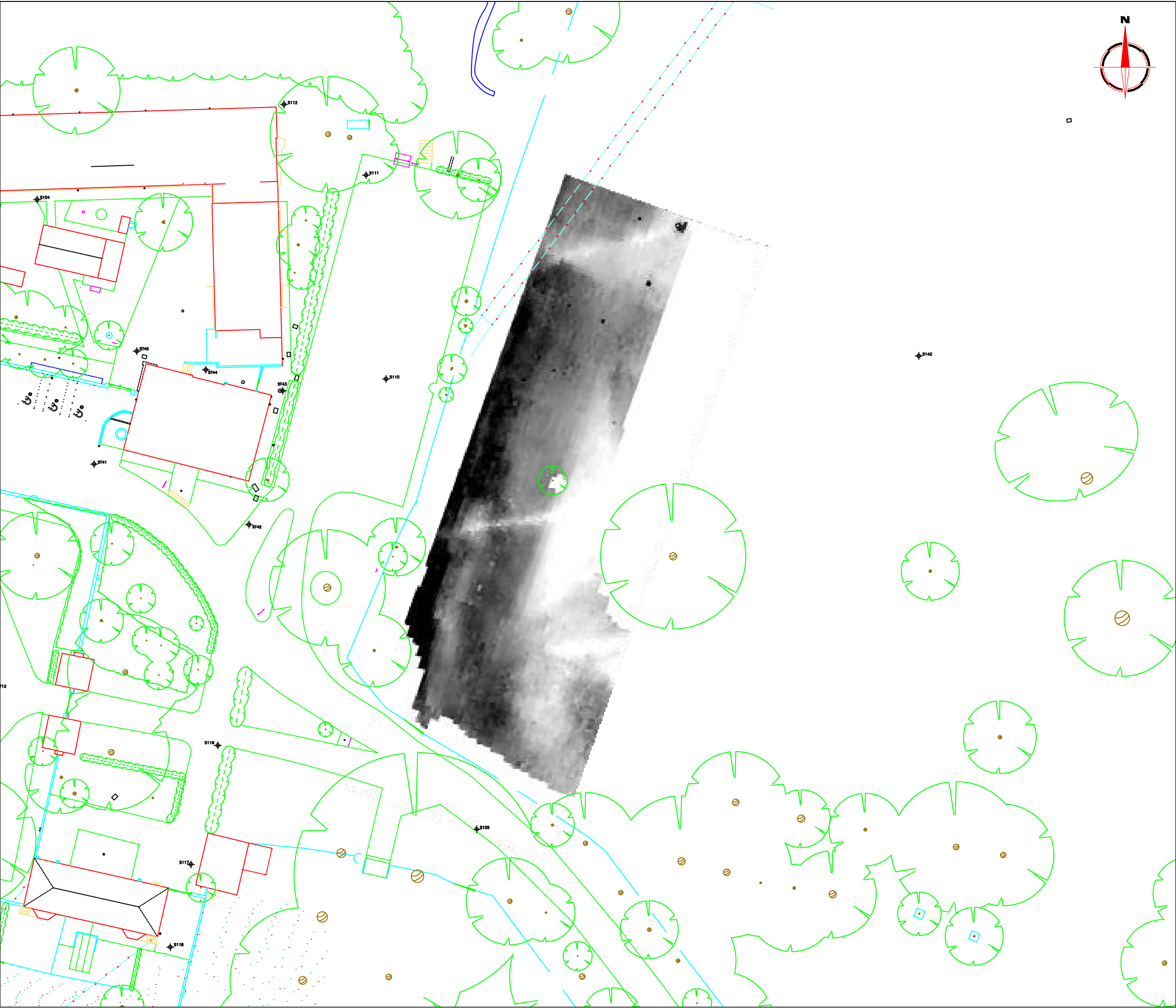
SUMO  
GROUP  
MEMBER

Scale

1:500

0m 5 10 15 20 25m

Plot	A3	Checked by	DGE	Issue No.	01
Survey date	MAY 14	Drawn by	OJP	Figure No.	05



### Amendments

Issue No.	Date	Description
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-	-	-

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Zero Mean

+5Ω      +30Ω      +5Ω

Client

**HARTLEBURY CASTLE  
PRESERVATION TRUST**

Project Title

**GEOPHYSICAL SURVEY -  
HARTLEBURY CASTLE**

Job No.

6898

Subject

**PLOT OF RAW RESISTANCE DATA**

**STRATASCAN™**  
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Survey Services**

SUMO GROUP MEMBER

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ims ISO 14001 certified

REGISTERED ORGANISATION

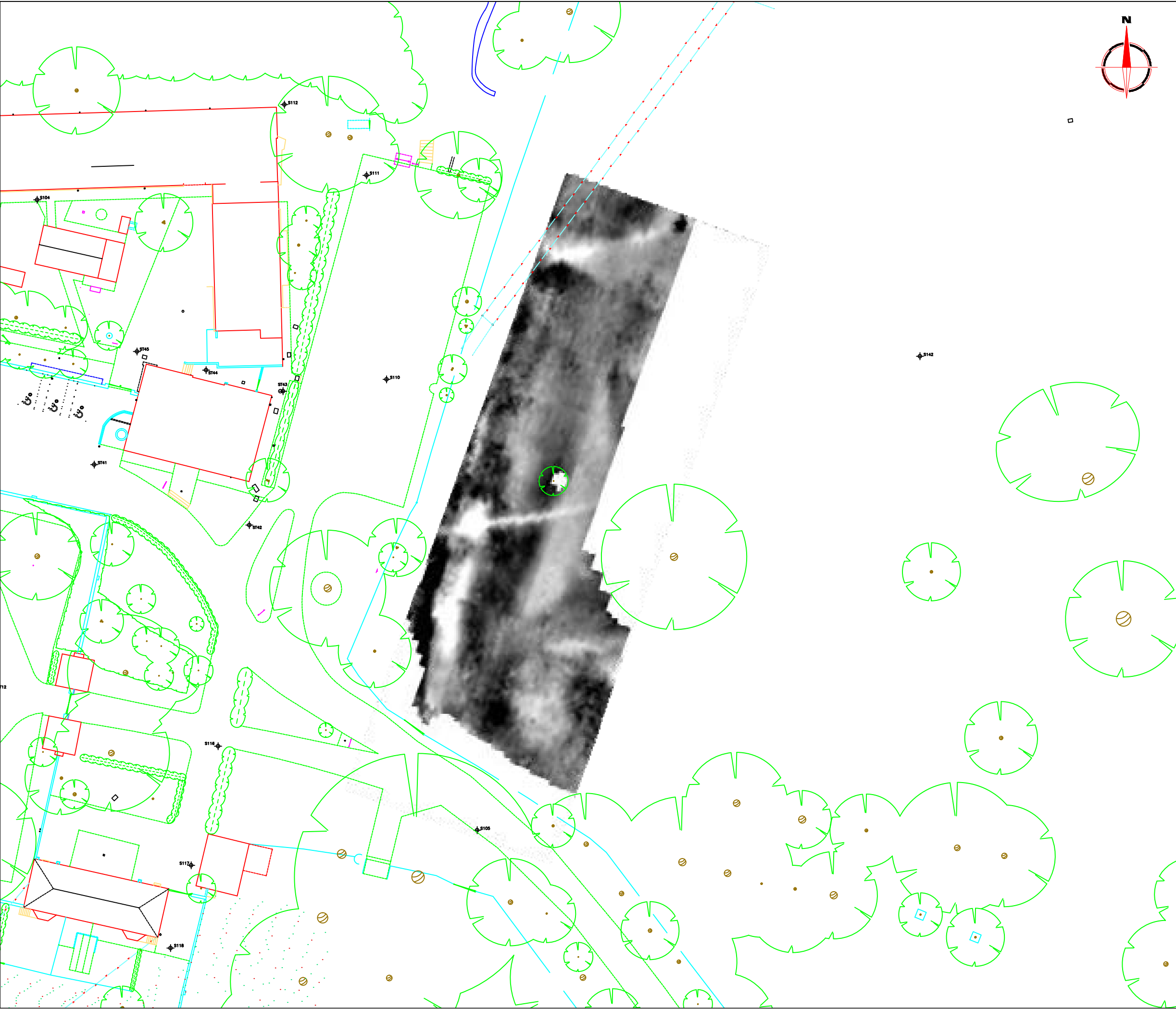
UKAS MANAGEMENT SYSTEMS

Scale

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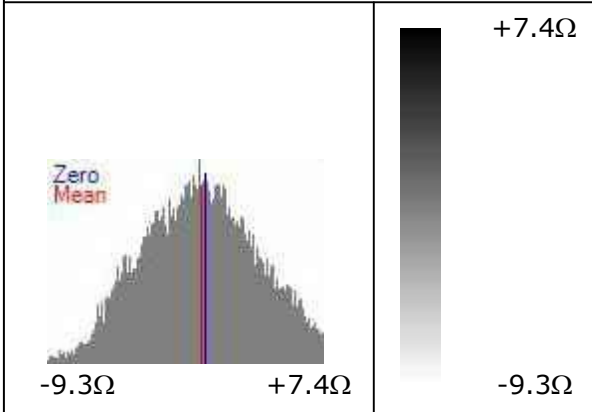
Plot	A3	Checked by	DGE	Issue No.	01
Survey date	MAY 14	Drawn by	OJP	Figure No.	06



### Amendments

Issue No.	Date	Description
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-	-	-

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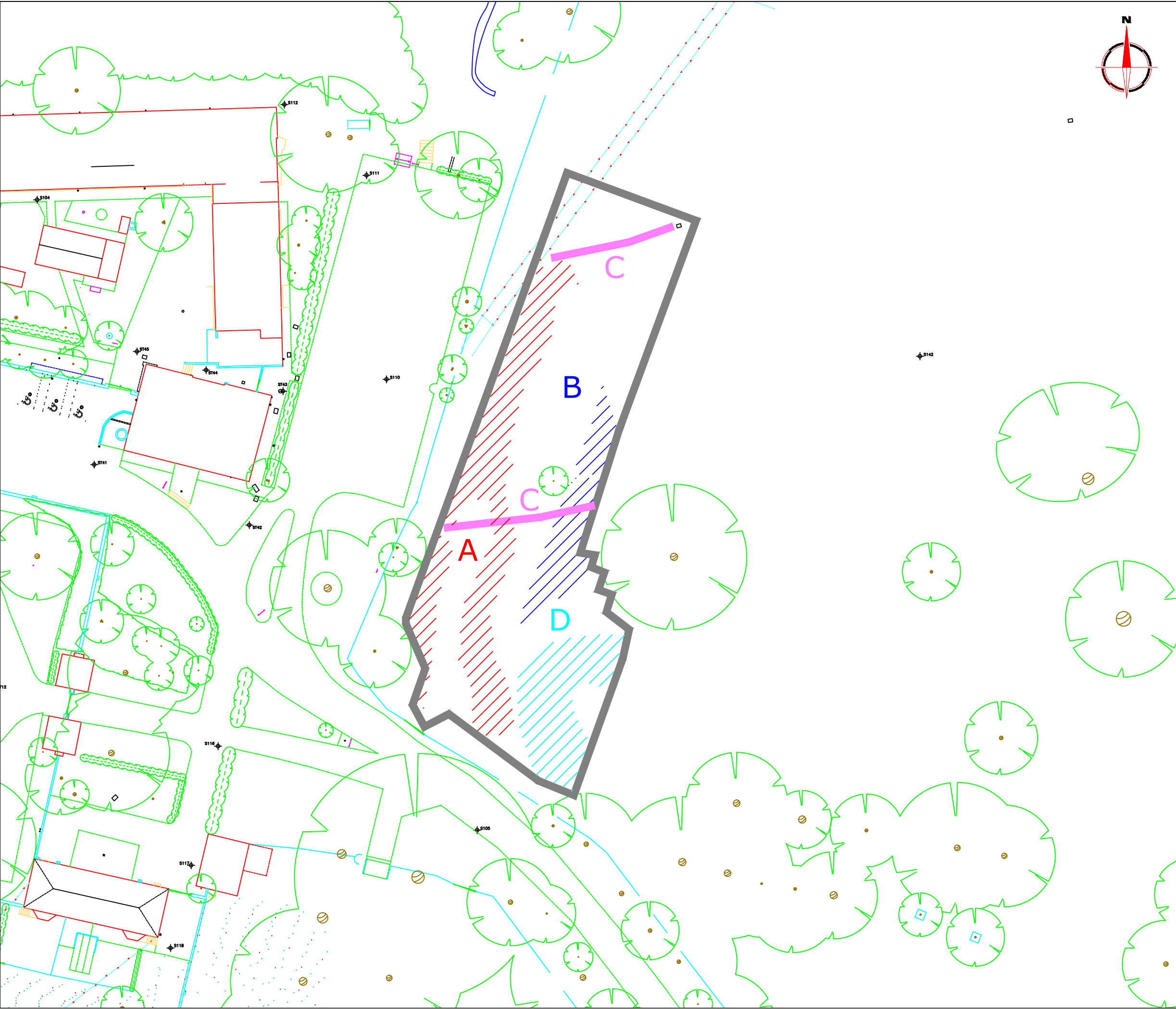
Client	HARTLEBURY CASTLE PRESERVATION TRUST	
Project Title	GEOPHYSICAL SURVEY- HARTLEBURY CASTLE	Job No. 6898
Subject	PLOT OF PROCESSED RESISTANCE DATA	

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UKAS ISO 9001  
UKAS ISO 14001

Scale	1:500	
Plot	A3	Checked by DGE
Survey date	MAY 14	Issue No. 01
		Figure No. 07





Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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KEY

	Linear anomaly - probably related to a service trench
	High resistance area anomaly - possible compacted ground related to former driveway
	Low resistance area anomaly - possible landscaping related to quarrying
	Low resistance area anomaly - probable geological/pedological origin

Client

HARTLEBURY CASTLE  
PRESERVATION TRUST

Project Title

Job No.

6898

GEOPHYSICAL SURVEY-  
HARTLEBURY CASTLE

Subject

ABSTRACTION AND INTERPRETATION  
OF RESISTANCE ANOMALIES

GEOPHYSICS FOR ARCHAEOLOGY  
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SUMO  
GROUP  
MEMBER

Scale

1:500

0m 5 10 15 20 25m

Plot

A3

Checked by

DGE

Issue No.

01

Survey date

MAY 14

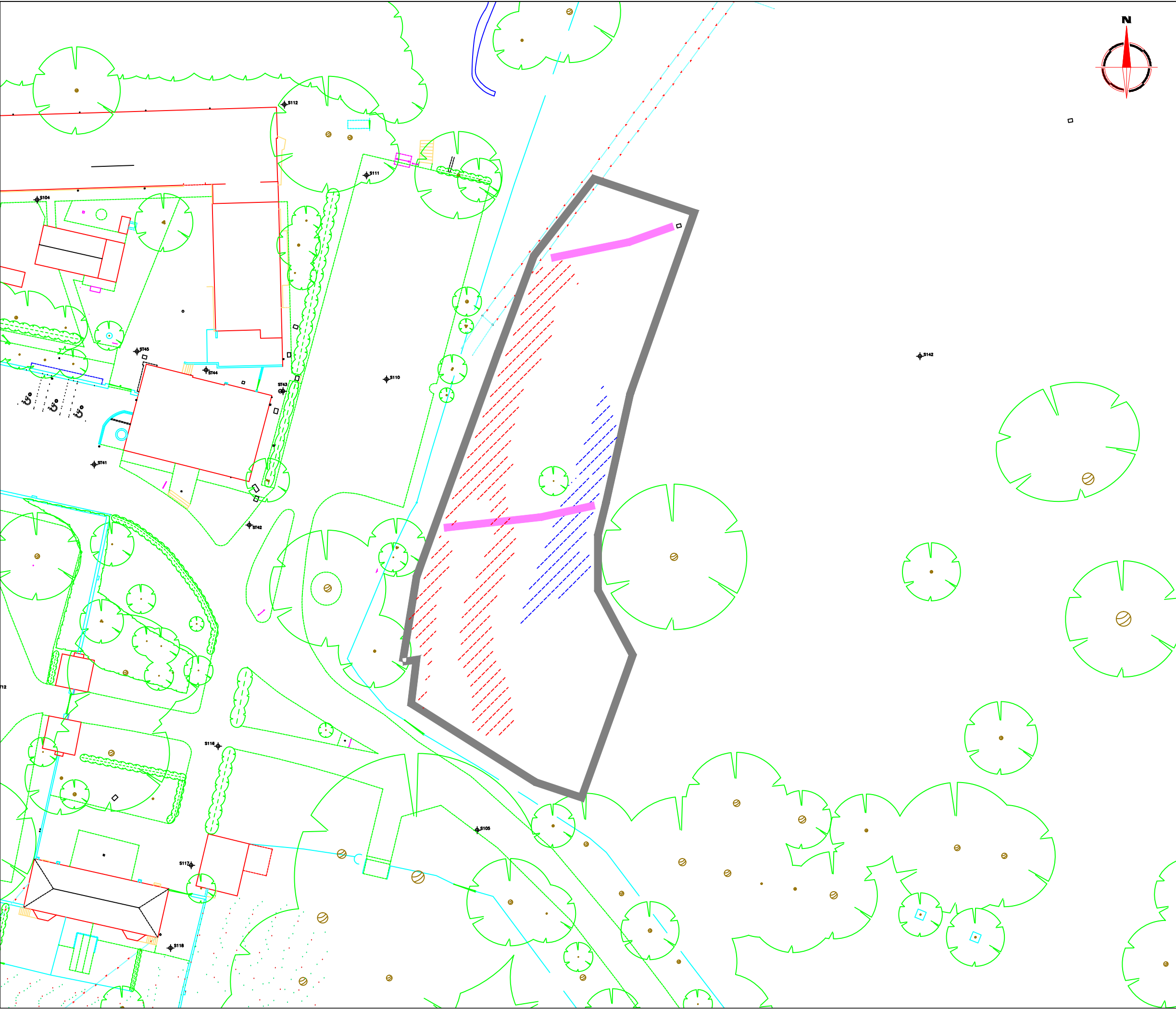
Drawn by

OJP

Figure No.

08





Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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KEY	
	Modern services
	Possible compacted ground related to former driveway
	Possible landscaping related to post medieval quarrying present to the east of the site

Client	<b>HARTLEBURY CASTLE PRESERVATION TRUST</b>	
Project Title	Job No. 6898 <b>GEOPHYSICAL SURVEY - HARTLEBURY CASTLE</b>	
Subject	<b>COMBINED INTERPRETATION OF ANOMALIES</b>	

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Scale	0m 5 10 15 20 25m <b>1:500</b>	
Plot	A3	Checked by <b>DGE</b>
Survey date	MAY 14	Issue No. <b>01</b>
	Drawn by <b>OJP</b>	Figure No. <b>09</b>