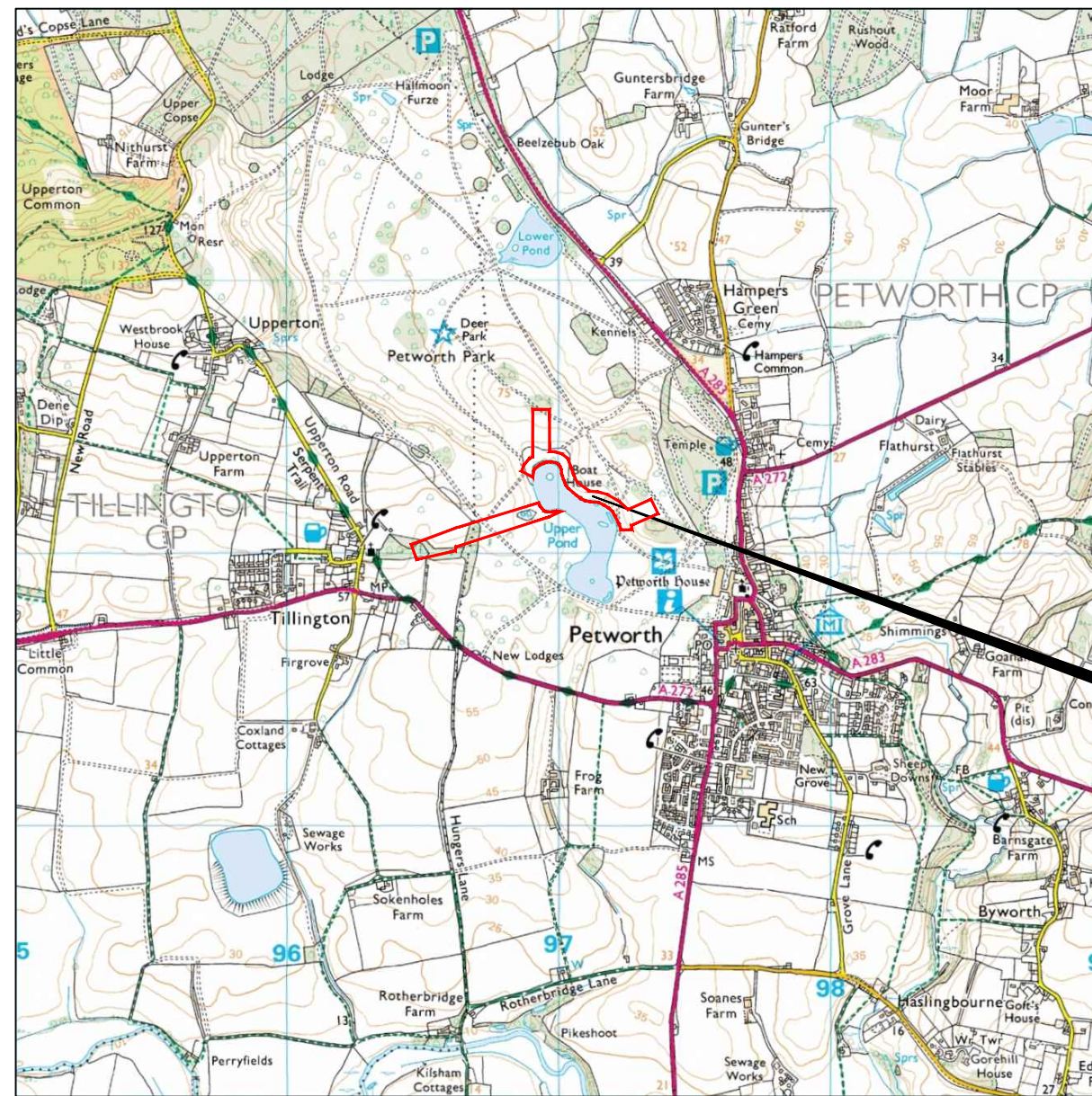


Reproduced from Ordnance Survey's 1:25 000 map of 1998 with the permission of the controller of Her Majesty's Stationery Office. Crown Copyright reserved. Licence No: AL 50125A
 Licencee:
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 Upper Hook Road
 Upton Upon Severn
 WR8 0SA
 OS 100km square = SU



24
 23
 22
 21
 20



Survey Area

95 96 97 98 99

Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Site centred on NGR SU 972 221

Client
 ARCHAEOLOGY SOUTH EAST

Project Title Job No. 7869
 GEOPHYSICAL SURVEY - UPPER POND, PETWORTH

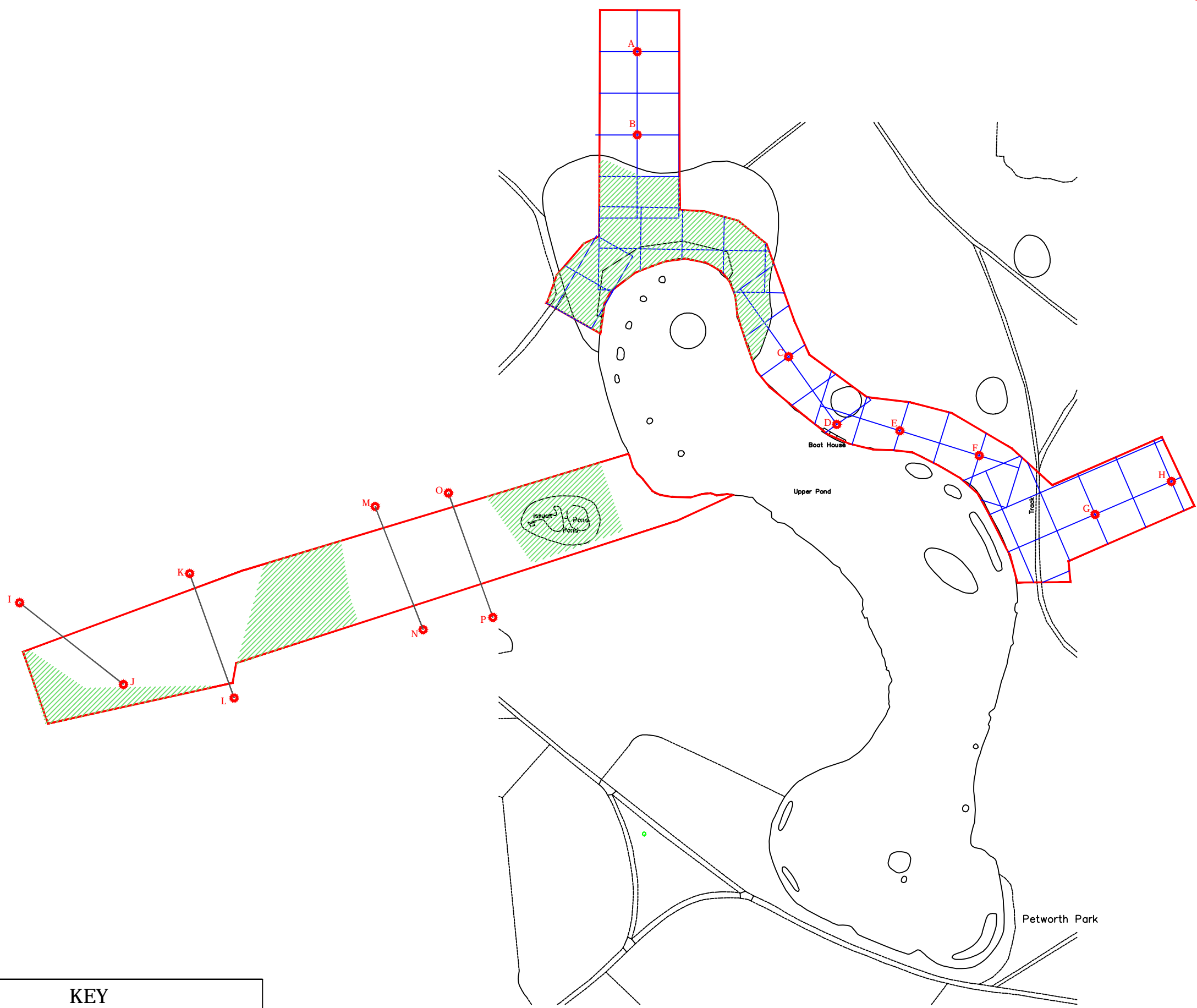
Subject
 LOCATION PLAN OF SURVEY AREA



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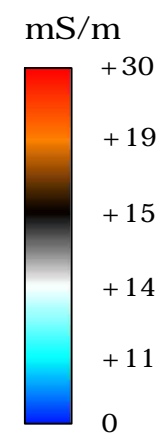
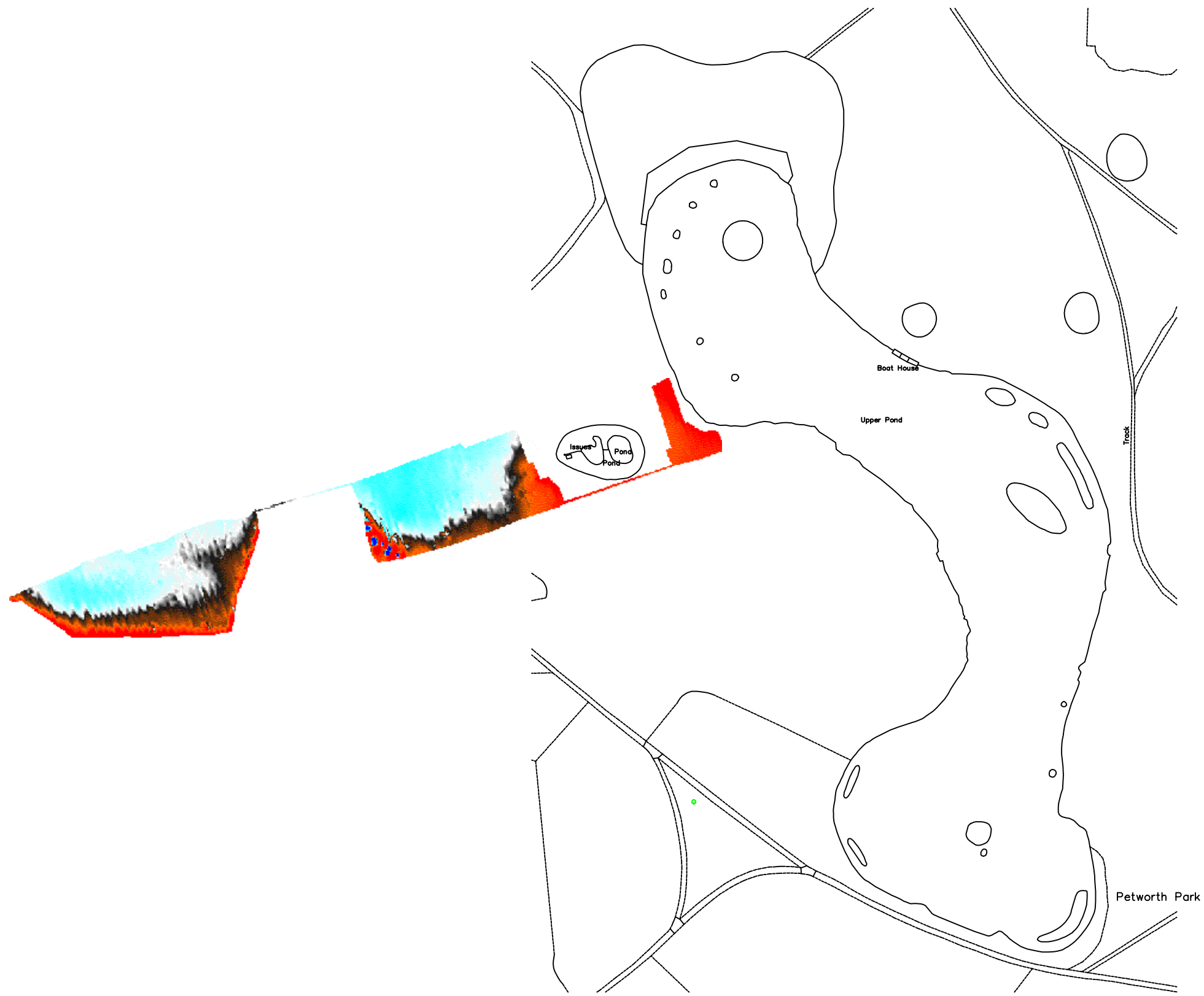
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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 01



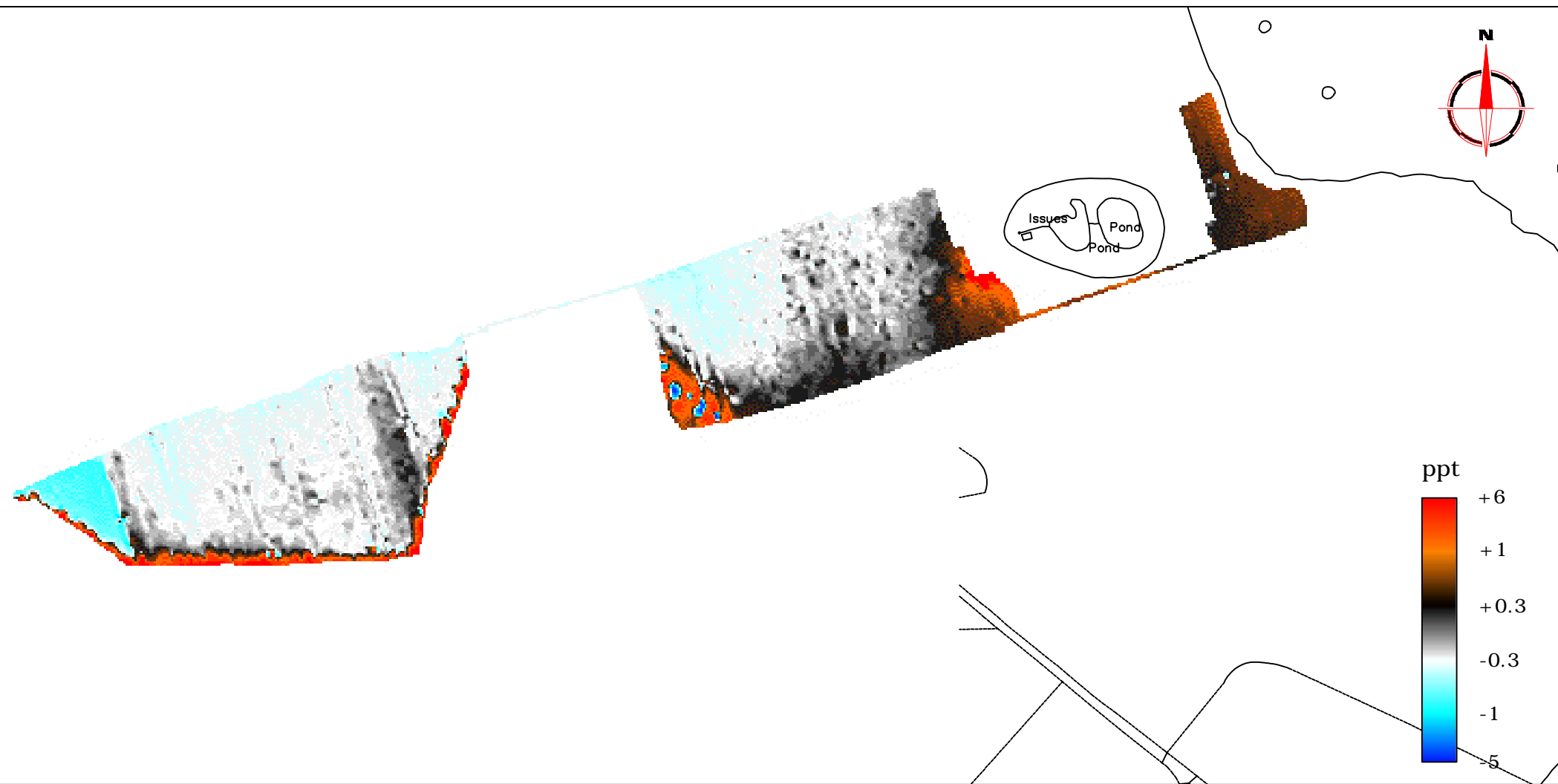
KEY	
	Area unsurveyed due to overgrown vegetation
	Resistivity Imaging Line

Amendments		
Issue No.	Date	Description
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-	-	-
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OS GRID REFERENCES		
A	496940.77, 122479.01	
B	496940.77, 122419.01	
C	497049.95, 122259.13	
D	497084.76, 122210.26	
E	497130.22, 122205.69	
F	497187.48, 122187.76	
G	497271.05, 122145.37	
H	497326.14, 122169.16	
I	496495.20, 122081.70	
J	496570.10, 122022.80	
K	496617.88, 122102.73	
L	496649.94, 122013.03	
M	496751.70, 122151.10	
N	496786.30, 122062.30	
O	496804.58, 122160.82	
P	496836.64, 122071.13	
Client		
ARCHAEOLOGY SOUTH EAST		
Project Title		Job No. 7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH		
Subject		
LOCATION OF SURVEY GRIDS AND REFERENCING		
STRATASCAN TM		
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	SUMO GROUP MEMBER	 
Scale 1:3000		
0m 20 40 60 80 100m		
Plot	Checked by	Issue No.
A3	DGE	02
Survey date	Drawn by	Figure No.
JAN/MAR 15	RD	02

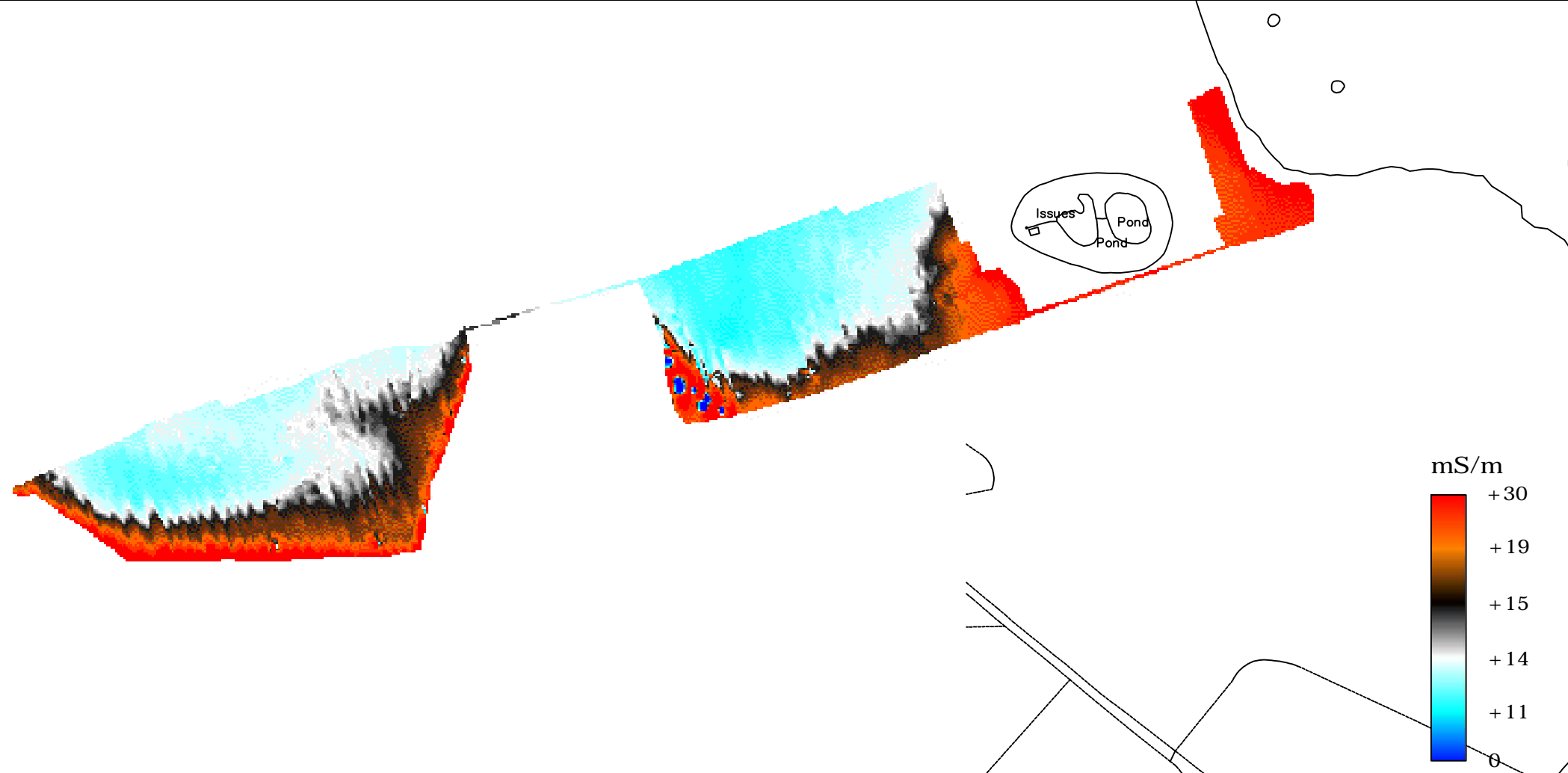


Amendments		
Issue No.	Date	Description
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Client		
ARCHAEOLOGY SOUTH EAST		
Project Title		Job No. 7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH		
Subject		
EM31 OVERVIEW		
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Scale		
1: 3000		0m 20 40 60 80 100m
Plot	Checked by	Issue No.
A3	DGE	02
Survey date	Drawn by	Figure No.
JAN/MAR 15	RD	03

INPHASE



QUADRATURE



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Client
ARCHAEOLOGY SOUTH EAST

Project Title
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH

Job No. 7869

Subject
EM31 DATA PLOTS

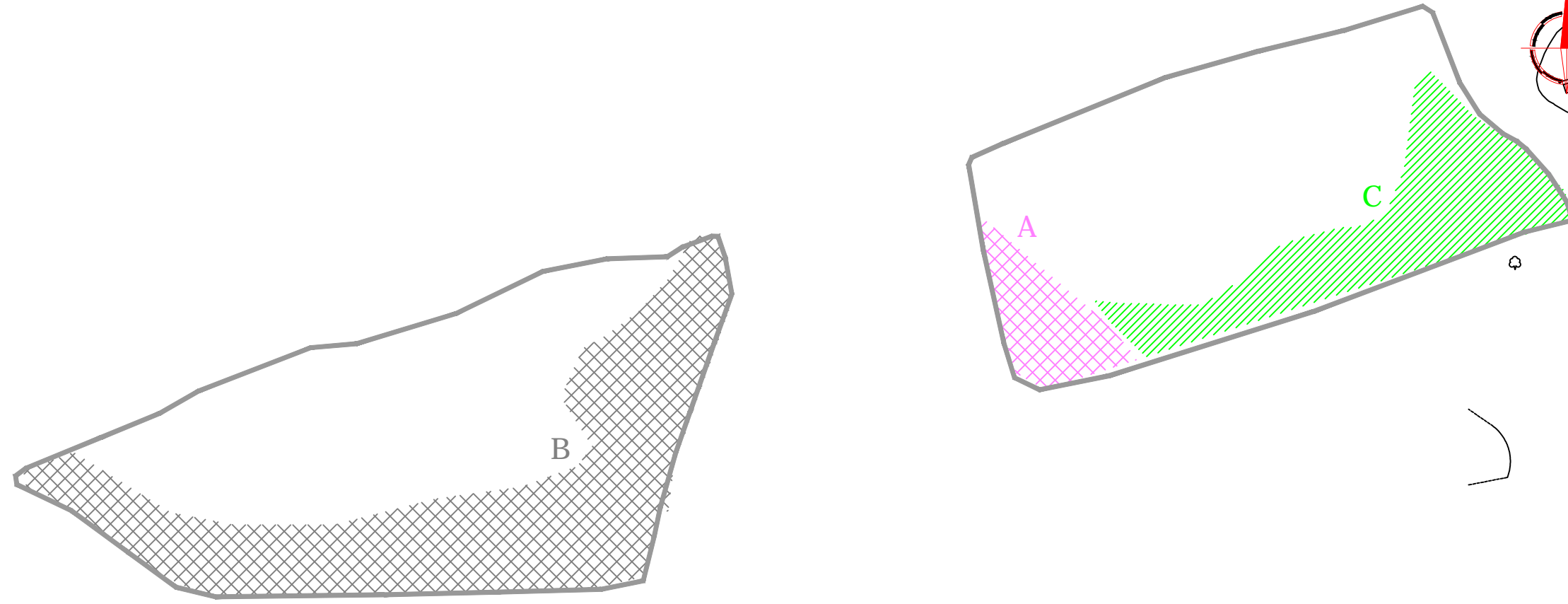
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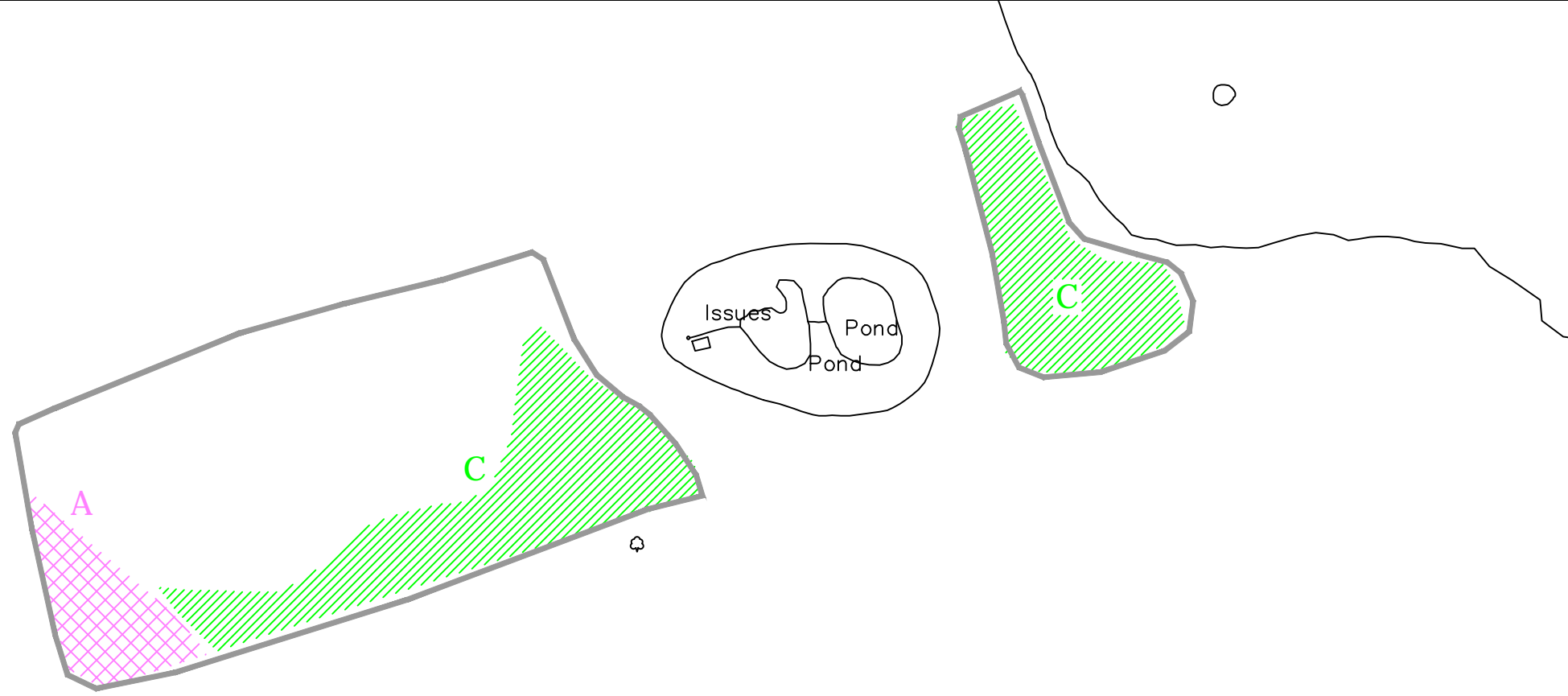
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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 04

WEST



EAST



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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KEY

- Area of enhanced response of unknown origin
- Area of enhanced response related to nearby fences
- Area of enhanced response related to trackway

Client
ARCHAEOLOGY SOUTH EAST

Project Title Job No. 7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH

Subject
EM31 INTERPRETATION

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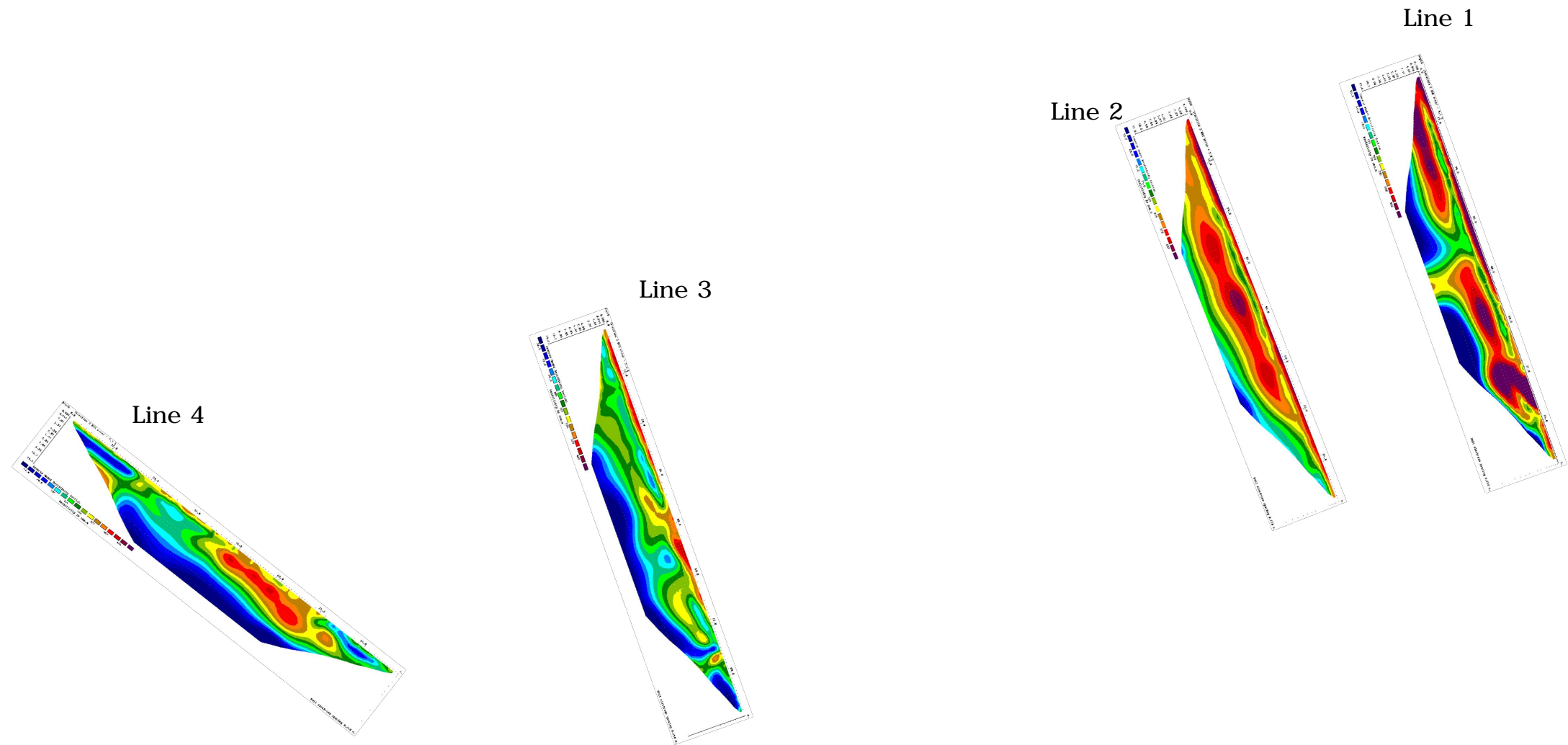


SUMO GROUP MEMBER



Scale 1:1250

Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 05



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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High Resistance ohm.m

Low Resistance ohm.m





Client
ARCHAEOLOGY SOUTH EAST

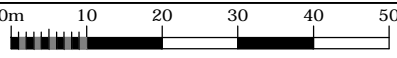
Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. **7869**

Subject
PLOT OF RESISTIVITY IMAGING DATA - OVERVIEW

STRATASCAN™
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING

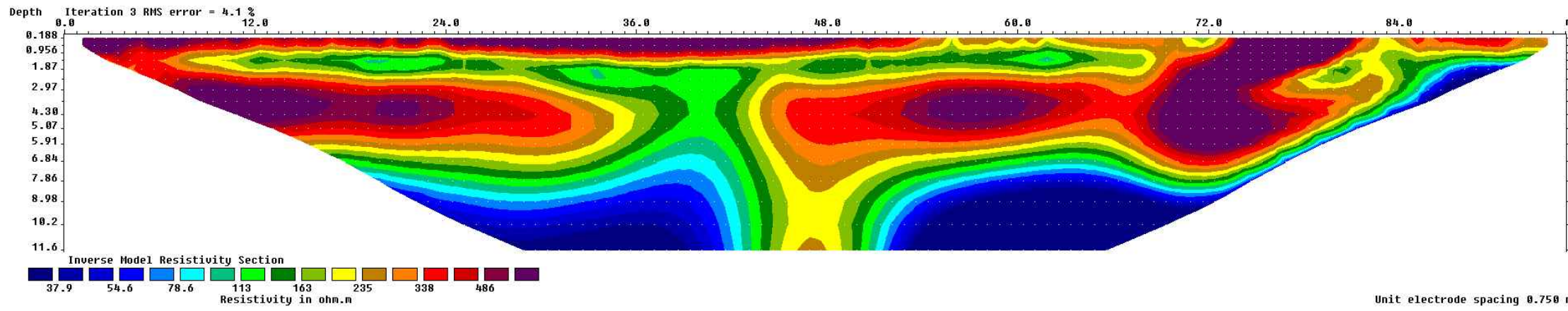
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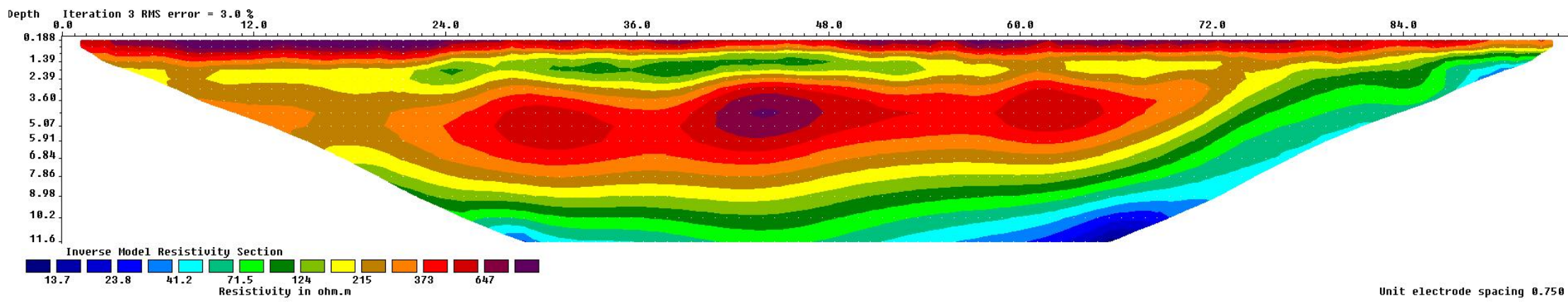
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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 06

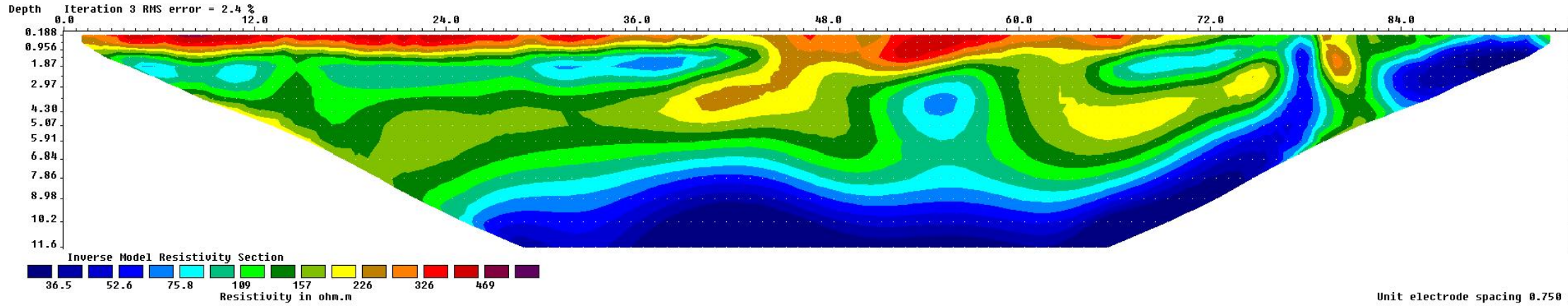
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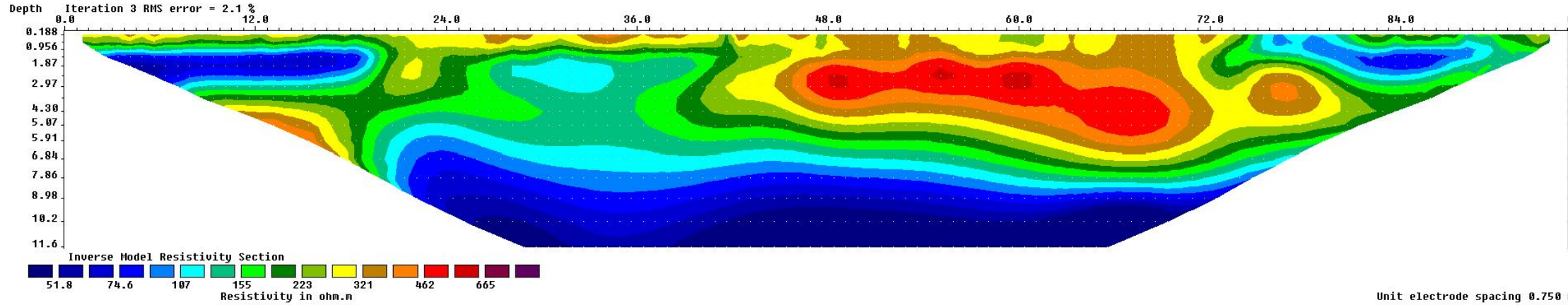
Line 2



Line 3



Line 4



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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High Resistance ohm.m

Low Resistance ohm.m

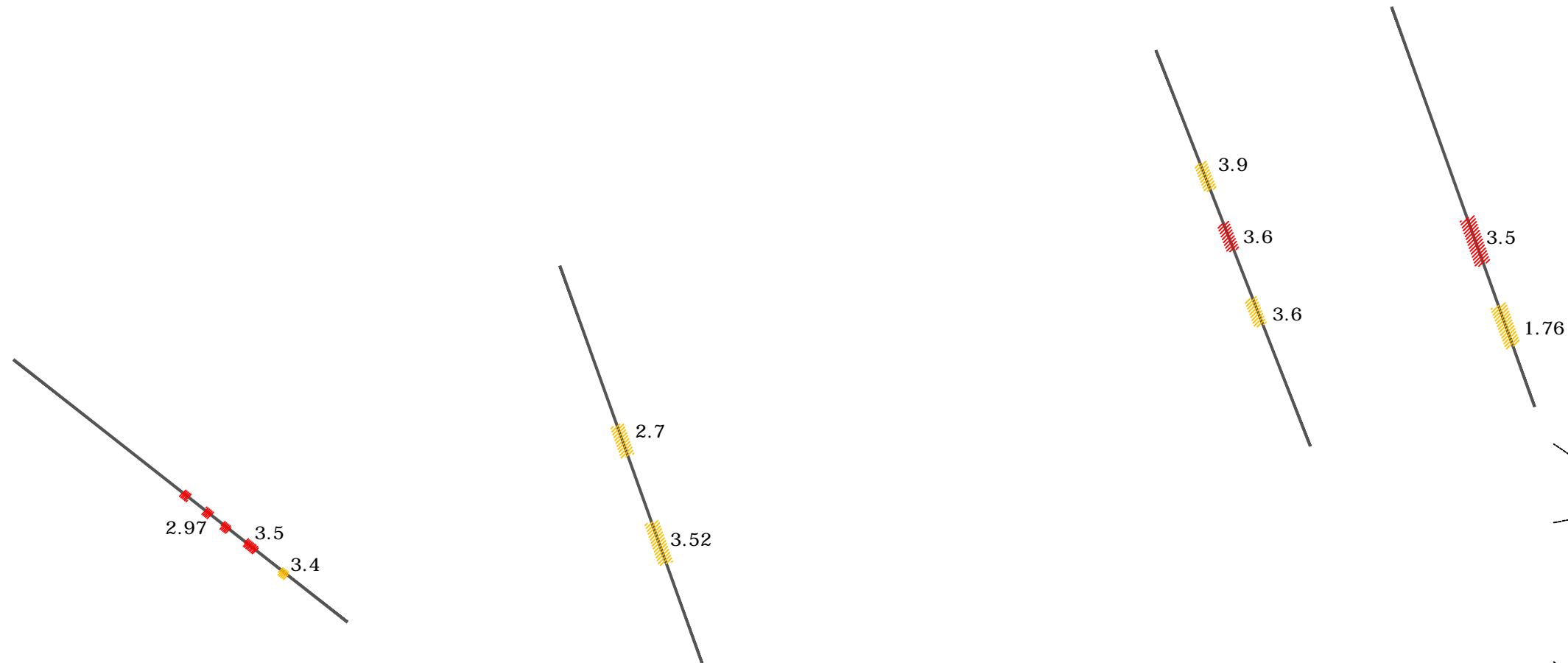


Client	
ARCHAEOLOGY SOUTH EAST	
Project Title	Job No. 7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH	
Subject	PLOT OF RESISTIVITY IMAGING DATA

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Plot	Checked by	Issue No.
A3	DGE	02
Survey date	Drawn by	Figure No.
JAN/MAR 15	RD	07



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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KEY

	Area of high resistance - probably related to tunnel
	Area of high resistance - possibly related to tunnel
2.0	Depth to top of anomaly in metres

Client
ARCHAEOLOGY SOUTH EAST

Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

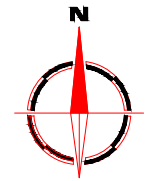
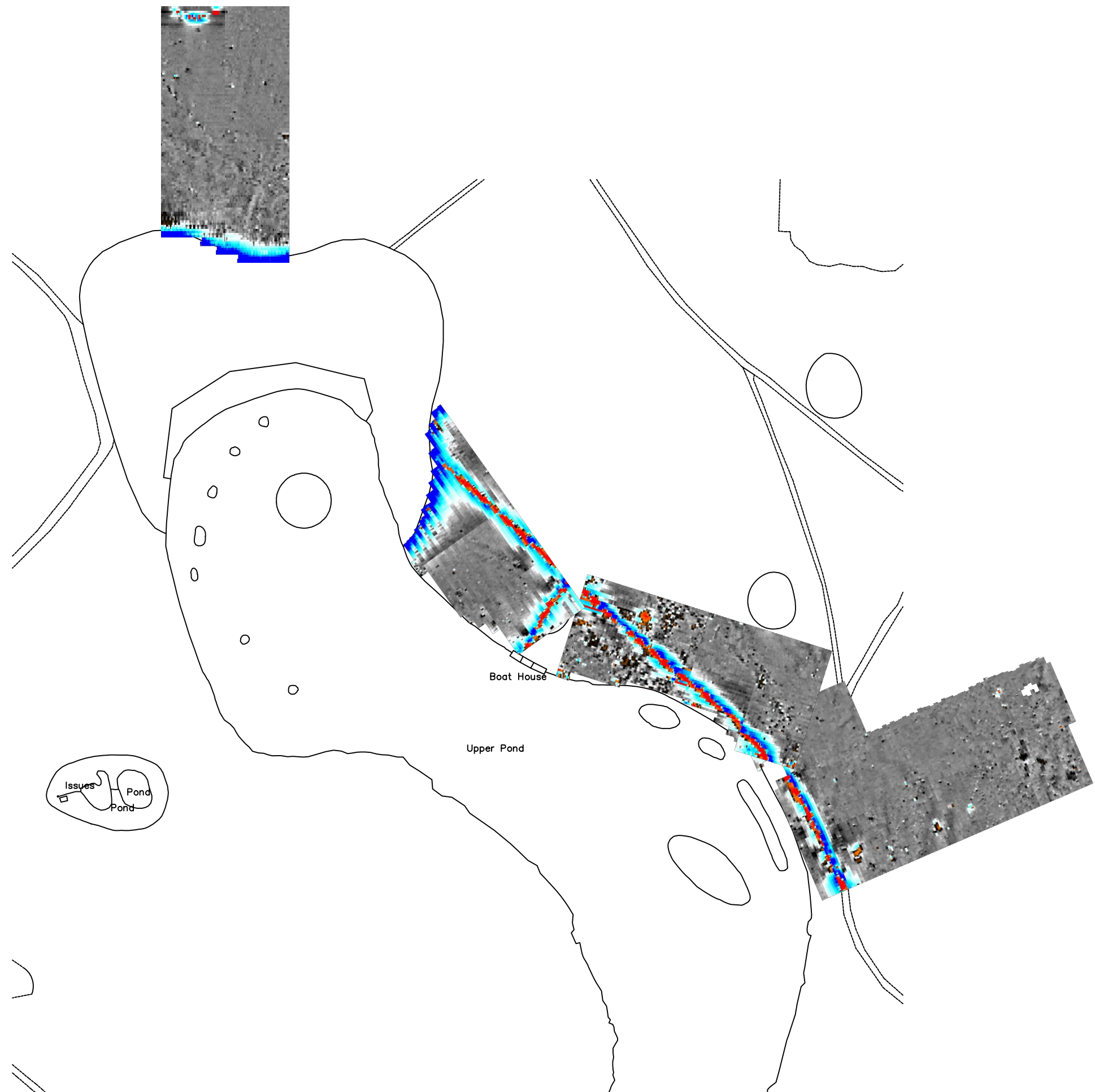
Subject
ABSTRACTION AND INTERPRETATION OF RESISTIVITY ANOMALIES

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Scale 1:1250
 0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 08



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

Maximum + 100nT (red)
Minimum - 100nT (blue)

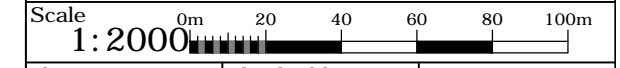
+ 100nT
+ 10nT
- 10nT
- 100nT

Client
ARCHAEOLOGY SOUTH EAST

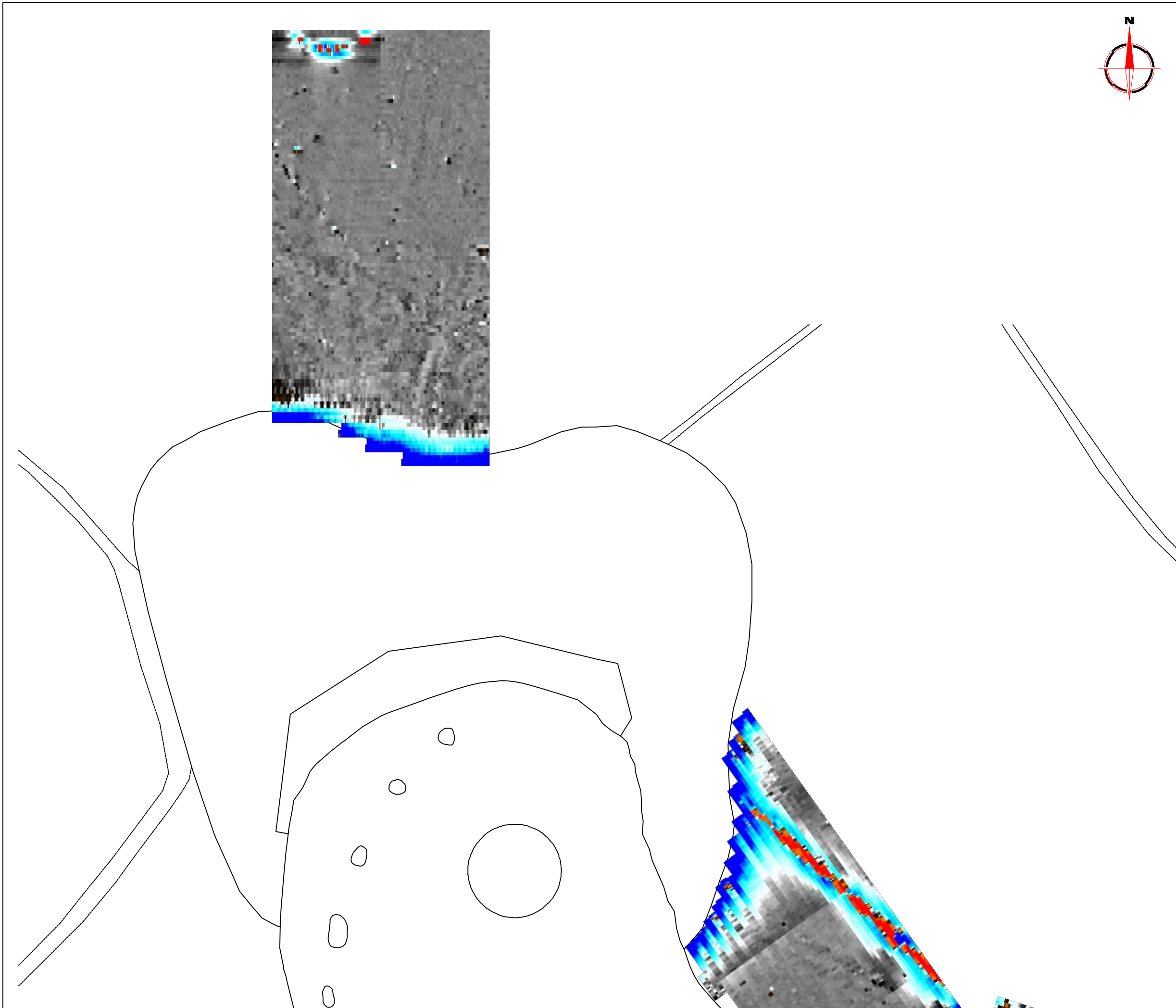
Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

Subject
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - OVERVIEW

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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 09



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

Maximum + 100nT (red)
Minimum - 100nT (blue)

+ 100nT
+ 10nT
- 10nT
- 100nT

Client
ARCHAEOLOGY SOUTH EAST

Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

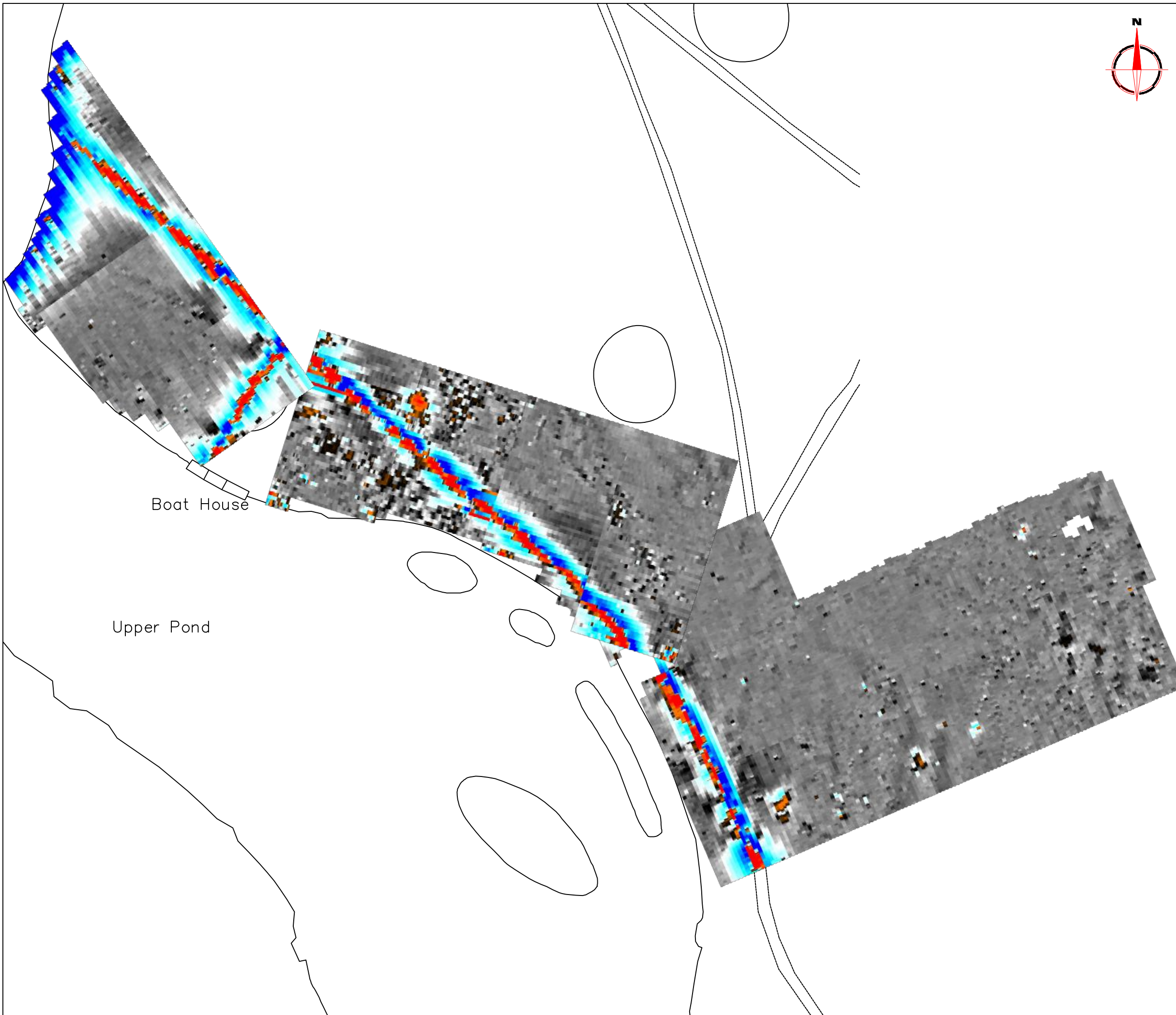
Subject
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - NORTH

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Scale 1: 1000 0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 10



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

Maximum + 100nT (red)
Minimum -100nT (blue)

+ 100nT
+ 10nT
- 10nT
- 100nT

Client
ARCHAEOLOGY SOUTH EAST

Project Title Job No. 7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH

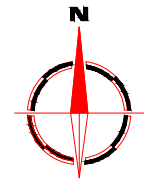
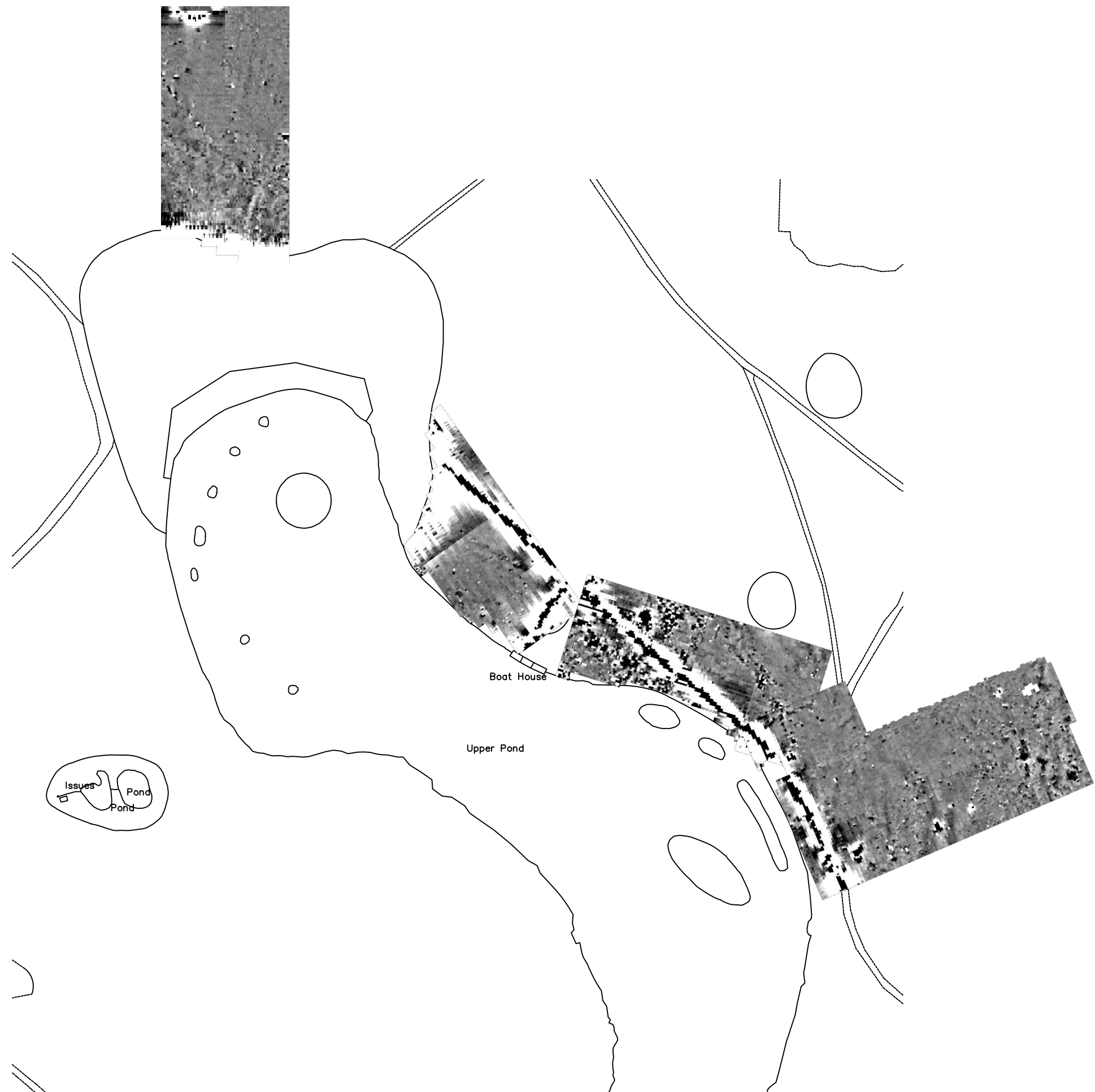
Subject
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - EAST

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Scale 1: 1000
0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 11



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

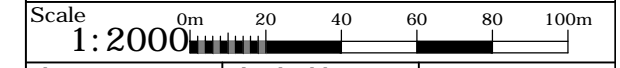
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Minimum -2nT (white)

Client
ARCHAEOLOGY SOUTH EAST

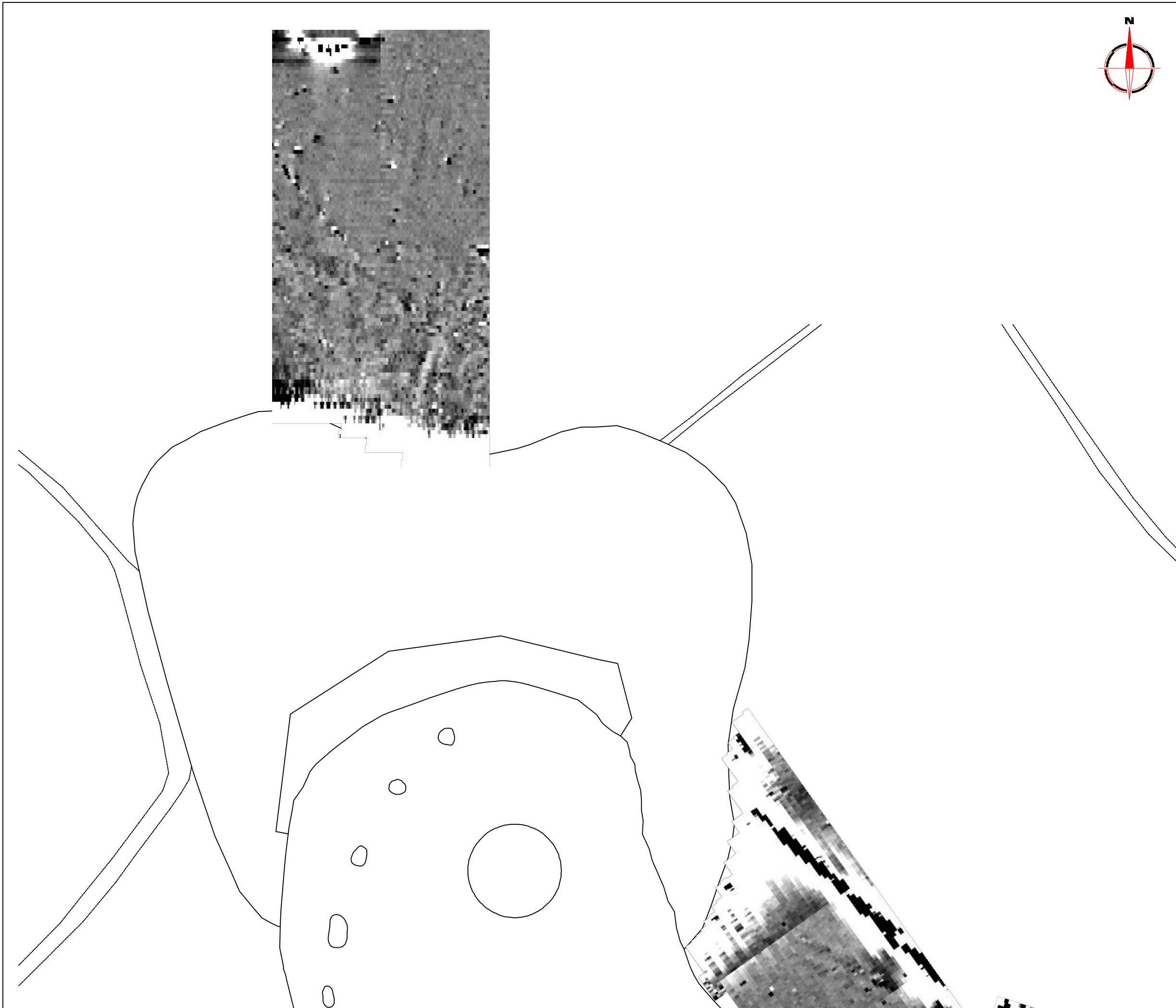
Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

Subject
PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - OVERVIEW

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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 12



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

Maximum +2nT (black)
Minimum -2nT (white)

Client
ARCHAEOLOGY SOUTH EAST

Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

Subject
PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - NORTH

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Scale 1: 1000
0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 13



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

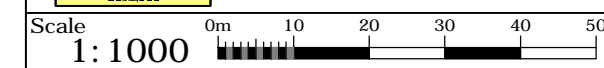
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Client
ARCHAEOLOGY SOUTH EAST

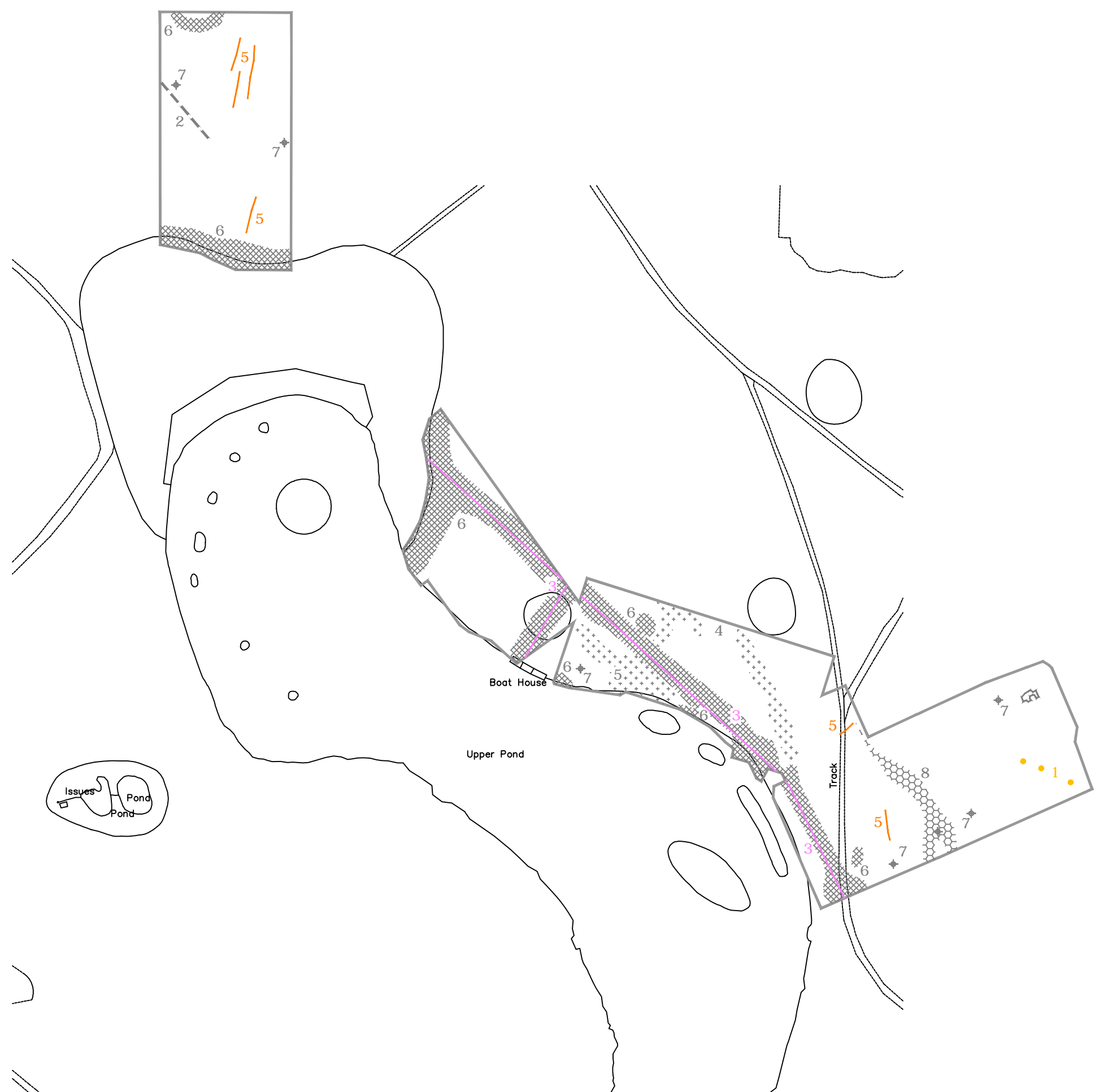
Project Title Job No. 7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH

Subject
PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - EAST

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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 14



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
	Linear anomaly - possibly related to land drain
	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

	Linear trend of uncertain origin
	Linear anomaly - probably related to pipe, cable or other modern service
	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
ARCHAEOLOGY SOUTH EAST

Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

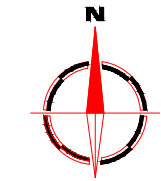
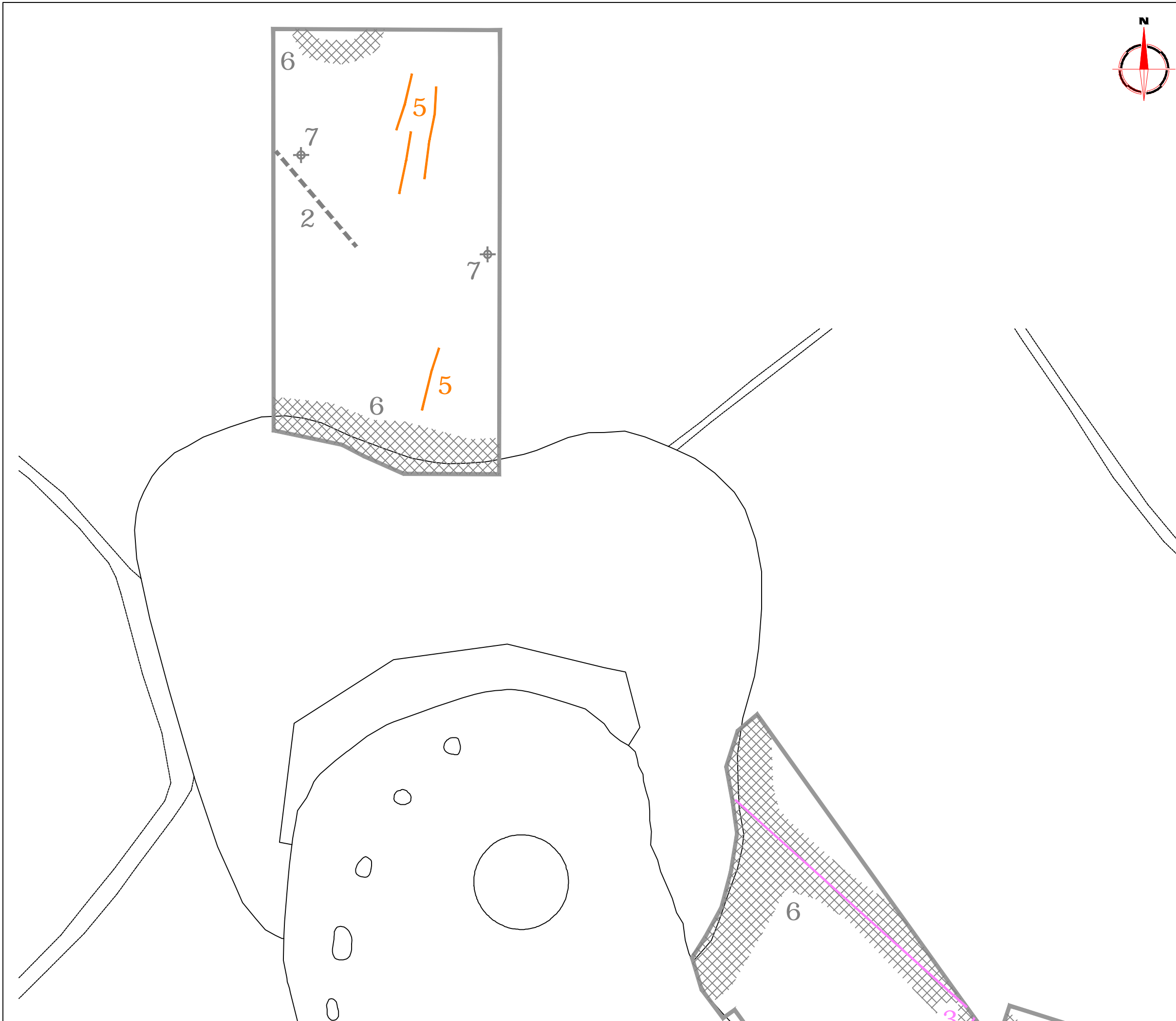
Subject
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - NORTH

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VINEYARD HOUSE T: 01684 592266
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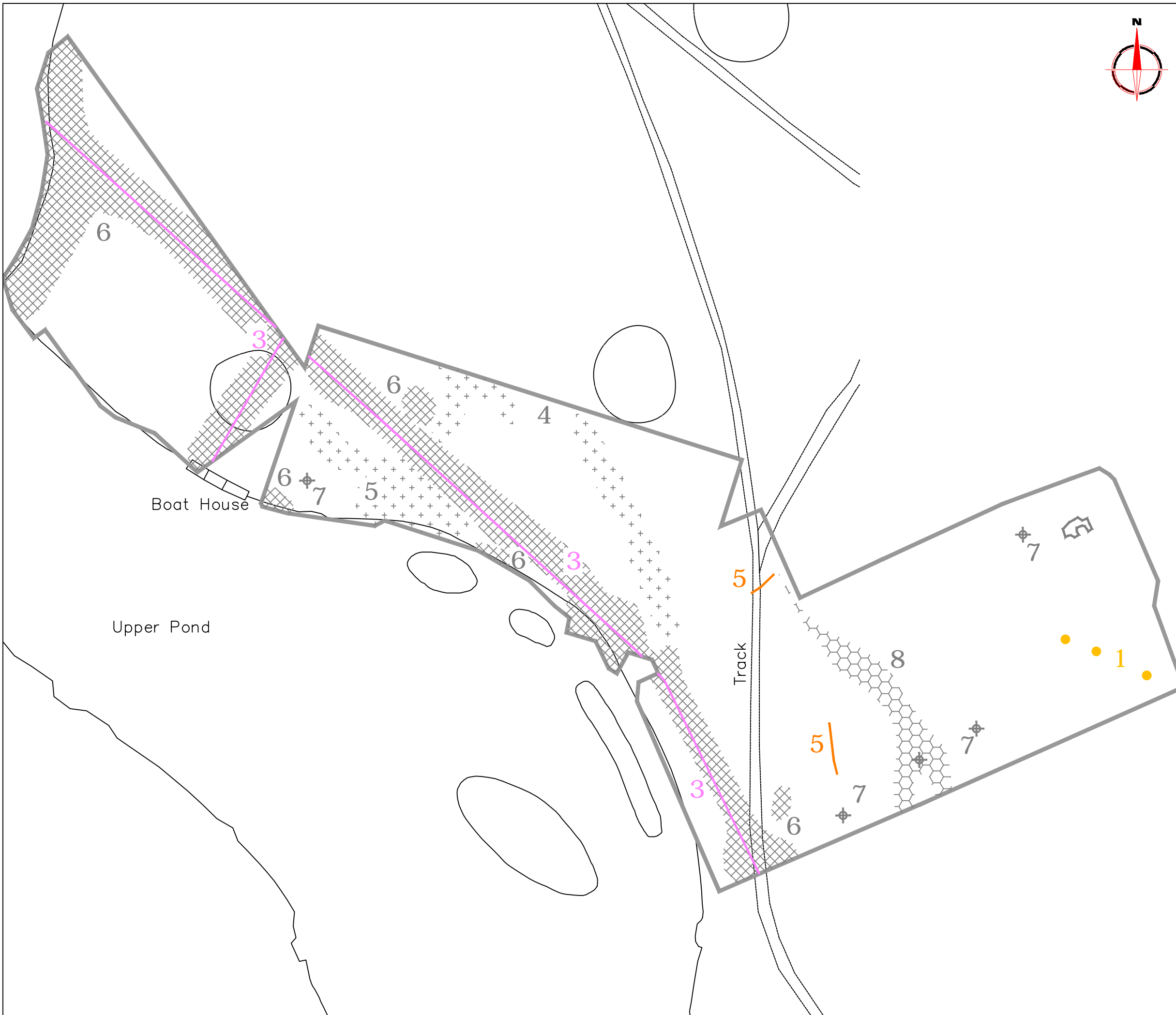
GPR ASSOCIATION
SUMO GROUP MEMBER
IMS ISO 9001 certified
IMS ISO 14001 certified

Scale 1:2000
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Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 15



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	
	Linear anomaly - possibly related to land drain	
	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		
	Linear trend of uncertain origin	
	Linear anomaly - probably related to pipe, cable or other modern service	
	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		
ARCHAEOLOGY SOUTH EAST		
Project Title	Job No.	7869
GEOPHYSICAL SURVEY - UPPER POND, PETWORTH		
Subject		
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - NORTH		
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Scale		
1: 1000		
Plot	Checked by	Issue No.
A3	DGE	02
Survey date	Drawn by	Figure No.
JAN/MAR 15	RD	16



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
	Linear anomaly - possibly related to land drain
	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

	Linear trend of uncertain origin
	Linear anomaly - probably related to pipe, cable or other modern service
	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
ARCHAEOLOGY SOUTH EAST

Project Title **GEOPHYSICAL SURVEY - UPPER POND, PETWORTH** Job No. 7869

Subject
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - EAST

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Scale 1:1000 0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 02
Survey date JAN/MAR 15	Drawn by RD	Figure No. 17