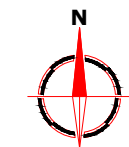
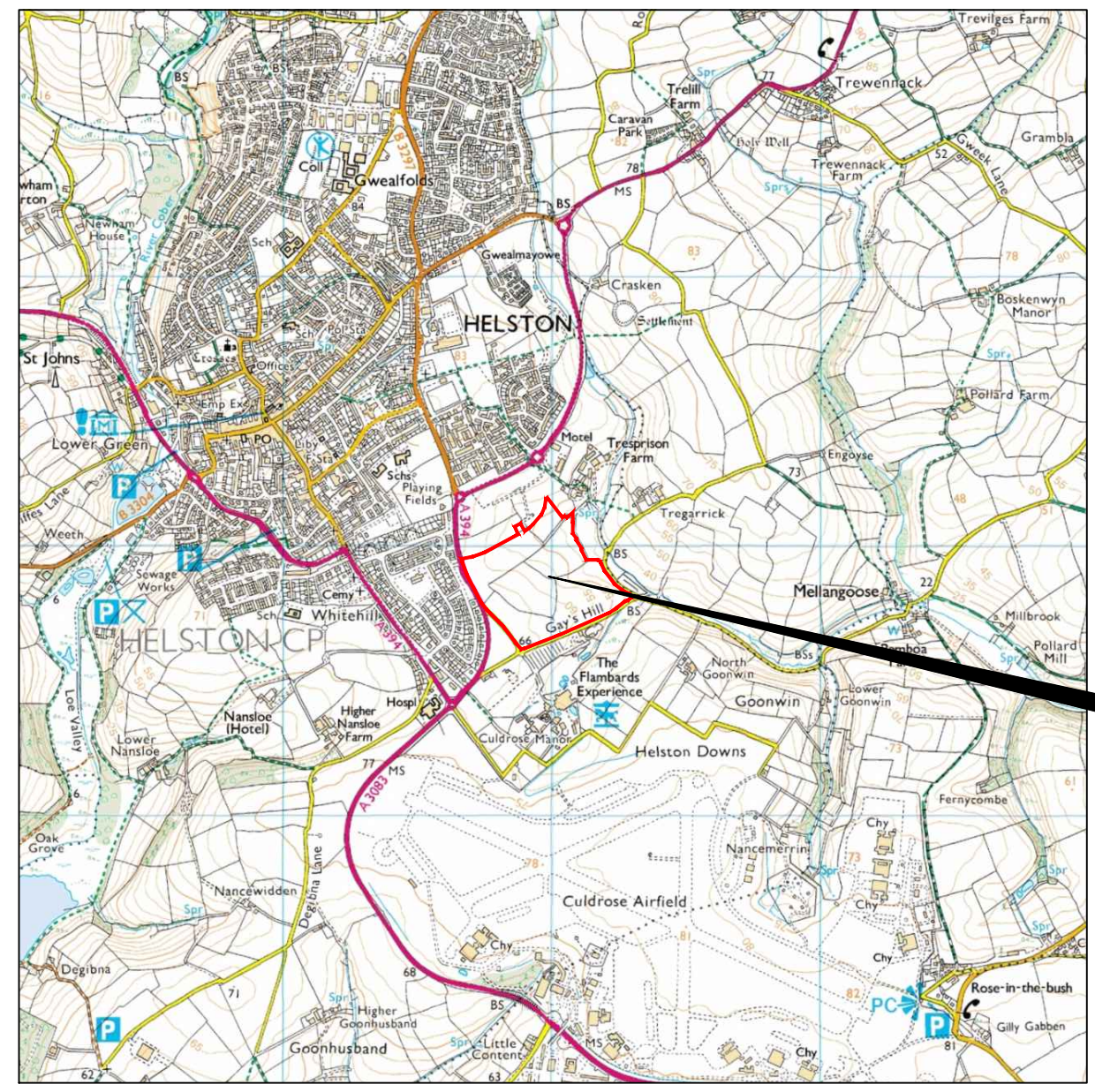


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 Vineyard House
 Upper Hook Road
 Upton Upon Severn
 WR8 0SA
 OS 100km square = SW



29
28
27
26
25



Survey Area

65 66 67 68 69

Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Site centred on NGR SW 669 268

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL

Subject
LOCATION PLAN OF SURVEY AREA

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 WR8 0SA www.stratascan.co.uk

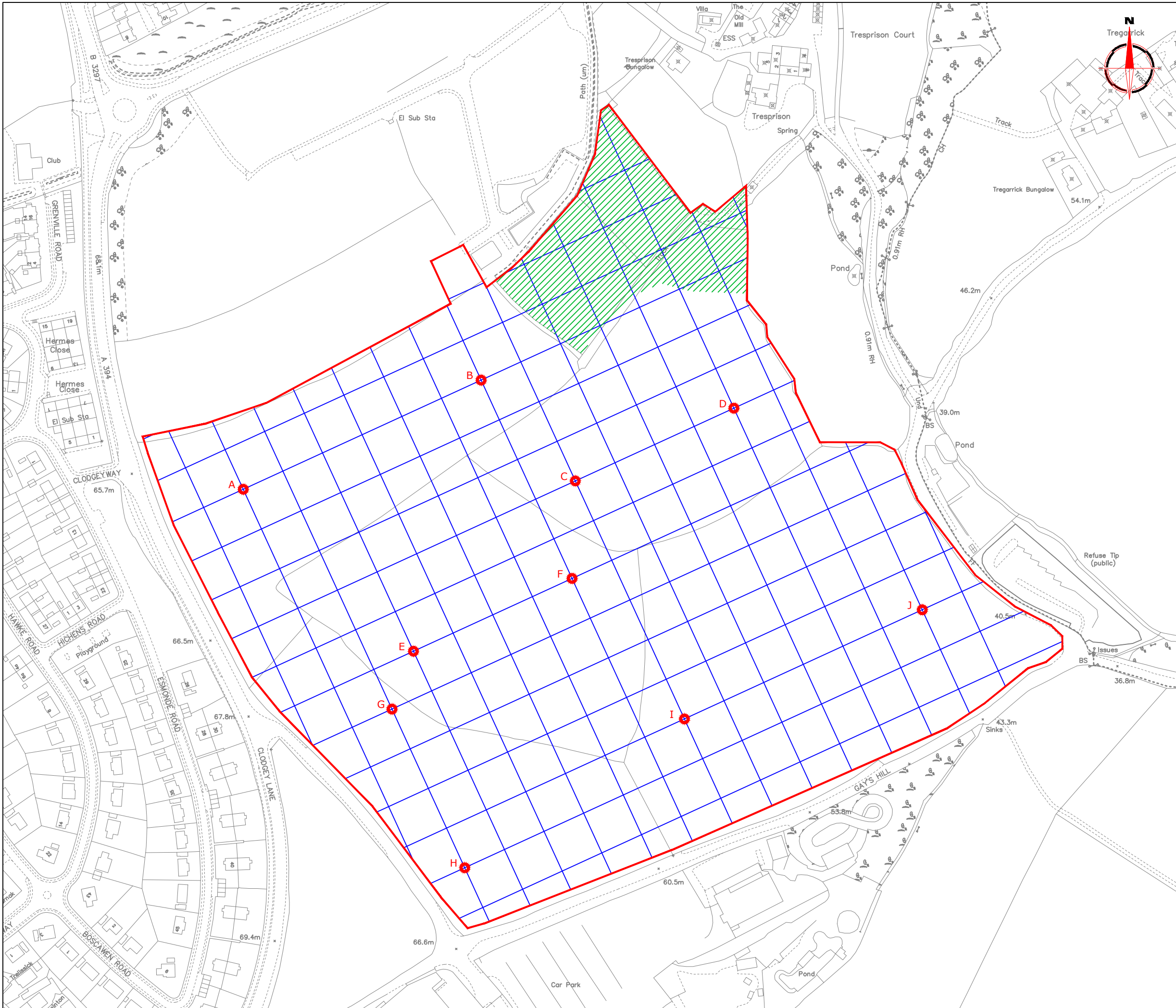


SUMO GROUP MEMBER

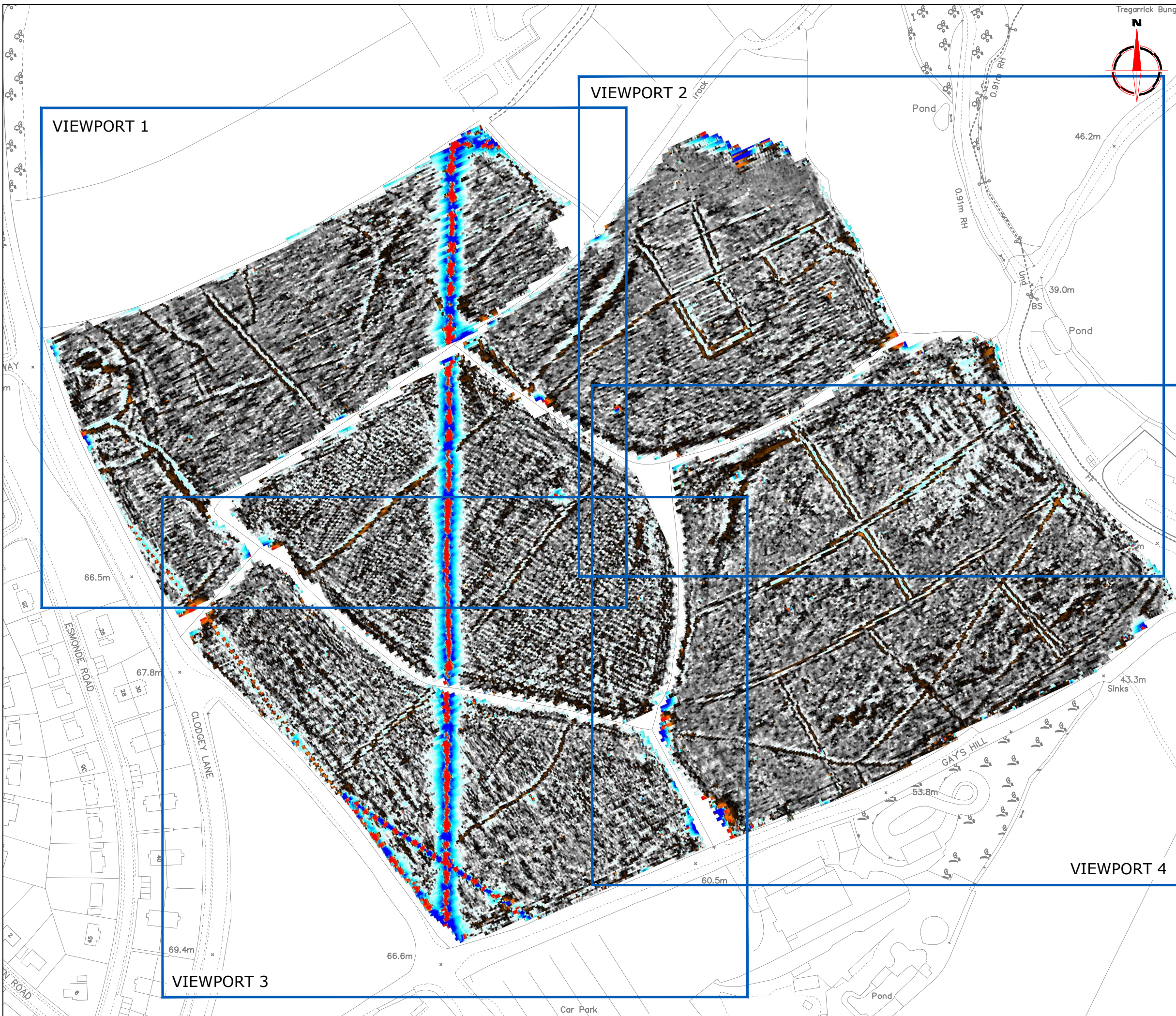


Scale 1:25000

Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 01



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Area unsurveyable - barns and cover crop		
OS GRID REFERENCES		
A	166741.66, 026925.66	
B	166905.27, 027000.70	
C	166970.06, 026931.40	
D	167079.13, 026981.43	
E	166858.73, 026814.33	
F	166967.80, 026864.36	
G	166843.97, 026774.55	
H	166893.99, 026665.48	
I	167045.10, 026767.79	
J	167208.71, 026842.83	
Client		
CORNWALL COUNTY COUNCIL		
Project Title		Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL		
Subject		
LOCATION OF SURVEY GRIDS AND REFERENCING		
STRATASCAN™ GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE T: 01684 592266 UPTON UPON SEVERN E: info@stratascan.co.uk WR8 0SA www.stratascan.co.uk		
GPR ASSOCIATION SURVEY SERVICES SUMO GROUP MEMBER 		
Scale		0m 50 100m
1:2500		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
JAN 16	RD	02



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

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

+100nT
+25nT
+3nT
-3nT
-25nT
-100nT

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL

Subject
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - OVERVIEW

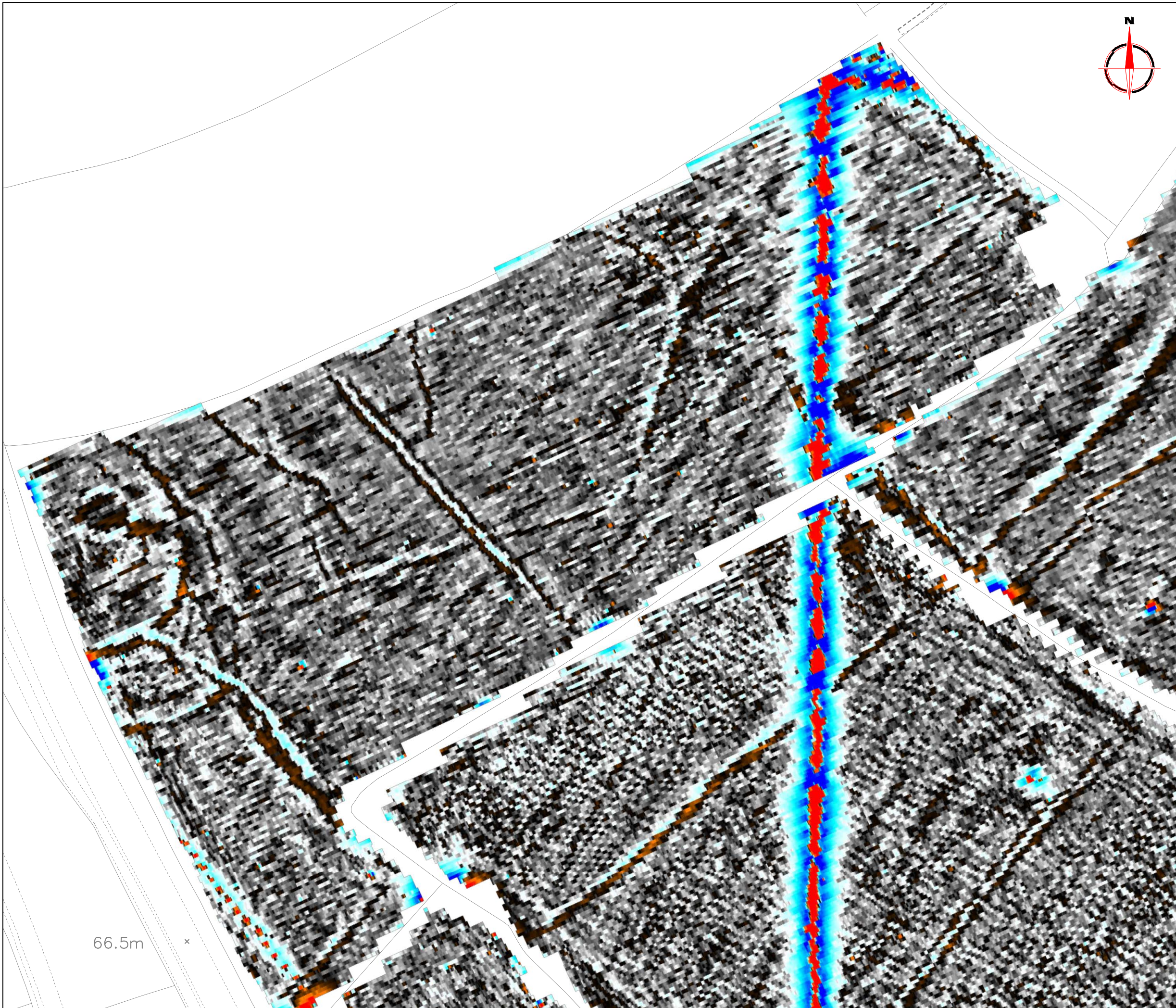
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EUROPEAN GPR ASSOCIATION
SUMO GROUP MEMBER

IMS ISO 9001 certified
UKAS
IMS ISO 14001 certified
UKAS

Scale 1:2000
0m 20 40 60 80 100m

Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 03



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

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

+100nT
+25nT
+3nT
-3nT
-25nT
-100nT

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
**GEOPHYSICAL SURVEY - HELSTON,
CORNWALL**

Subject
COLOUR PLOT OF GRADIOMETER DATA
SHOWING EXTREME VALUES - VIEWPORT 1

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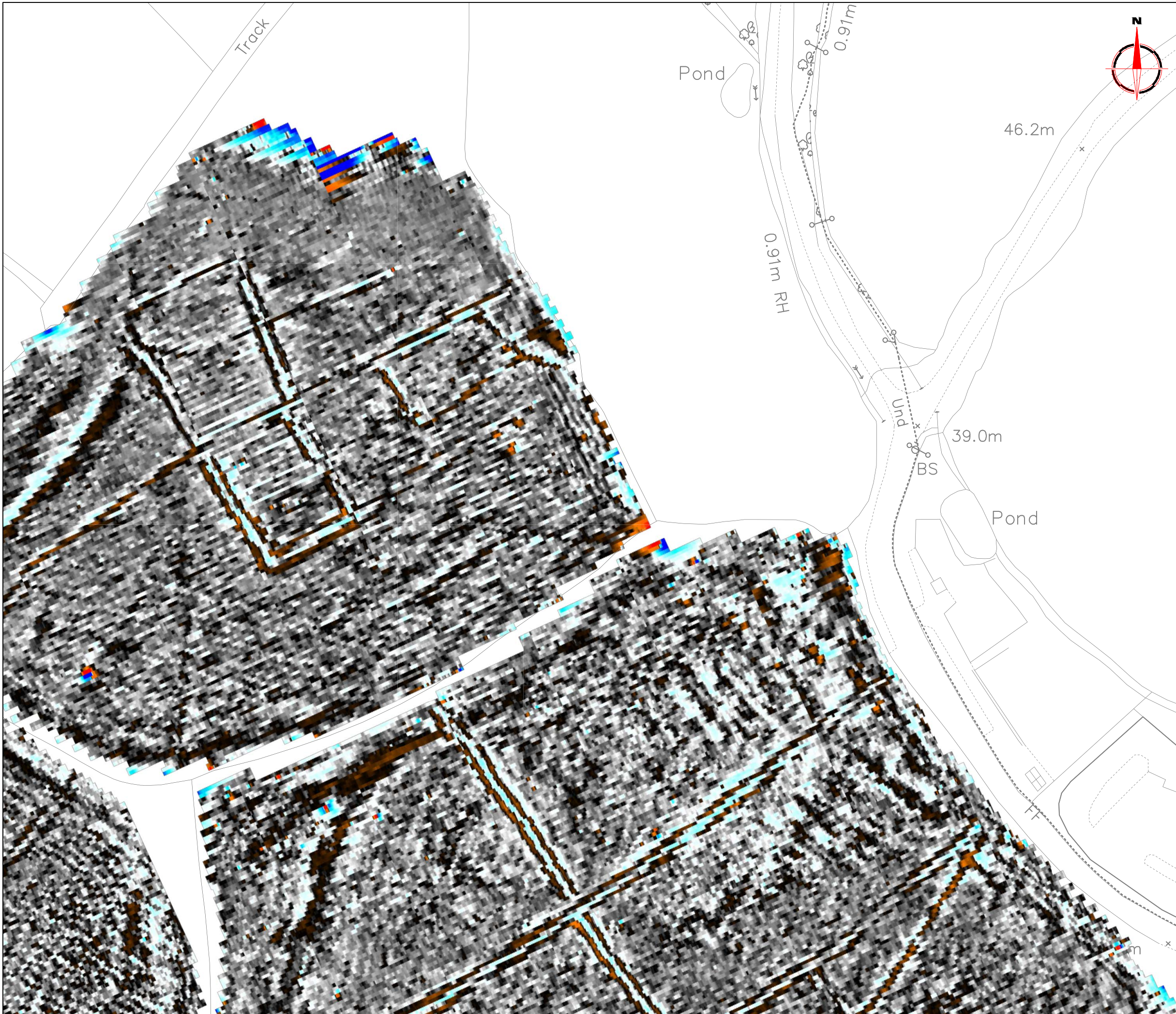
SUMO SUMO GROUP MEMBER

ISO 9001 certified UKAS
ISO 14001 certified UKAS

Scale 1:1000
0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 04

66.5m ×



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

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

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
**GEOPHYSICAL SURVEY - HELSTON,
CORNWALL**

Subject
COLOUR PLOT OF GRADIOMETER DATA
SHOWING EXTREME VALUES - VIEWPORT 2

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AND ENGINEERING

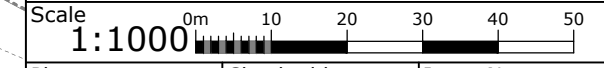
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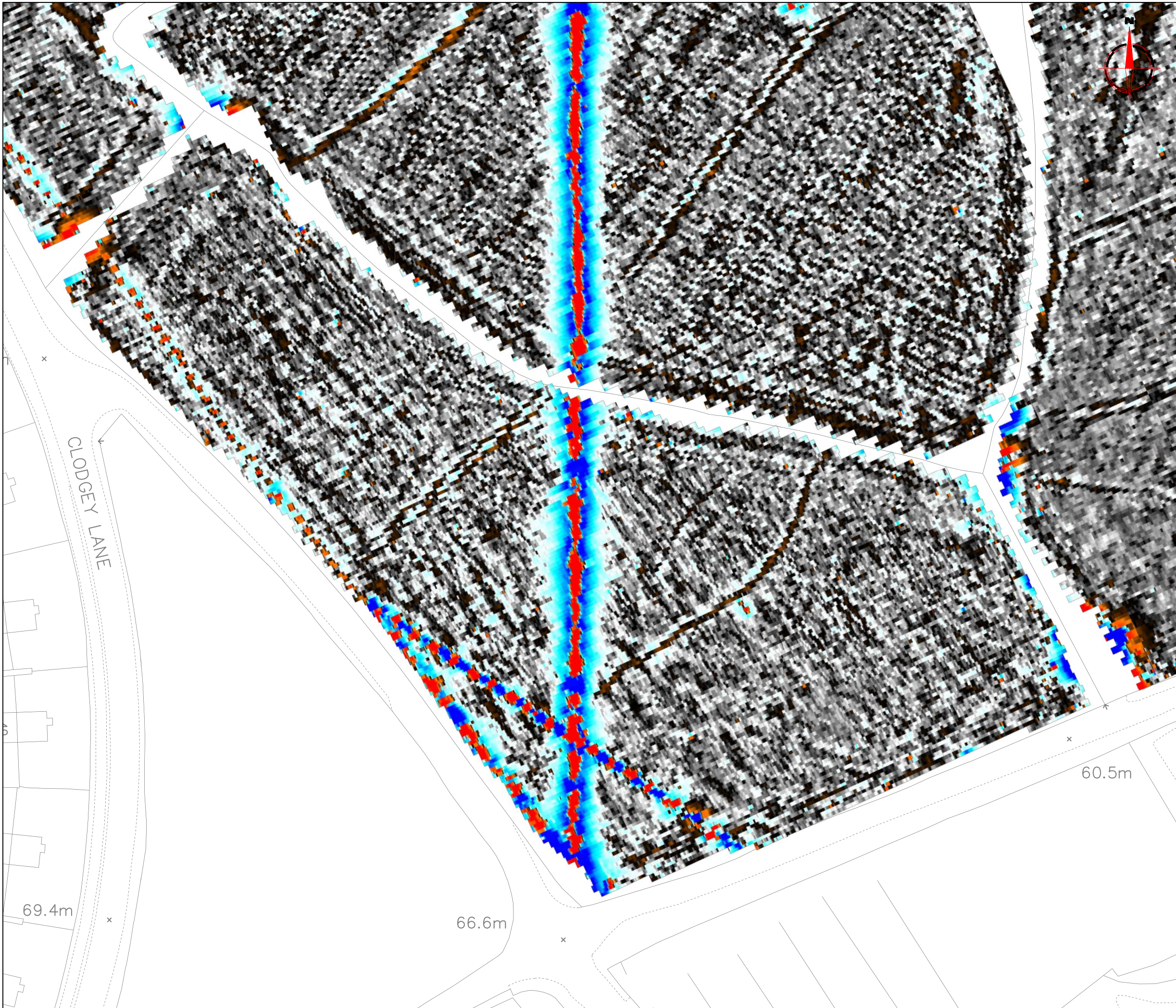
SUMO SUMO GROUP MEMBER

ims ISO 9001 certified

ims ISO 14001 certified



Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 05



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

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

+100nT
+25nT
+3nT
-3nT
-25nT
-100nT

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL

Subject
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - VIEWPORT 3

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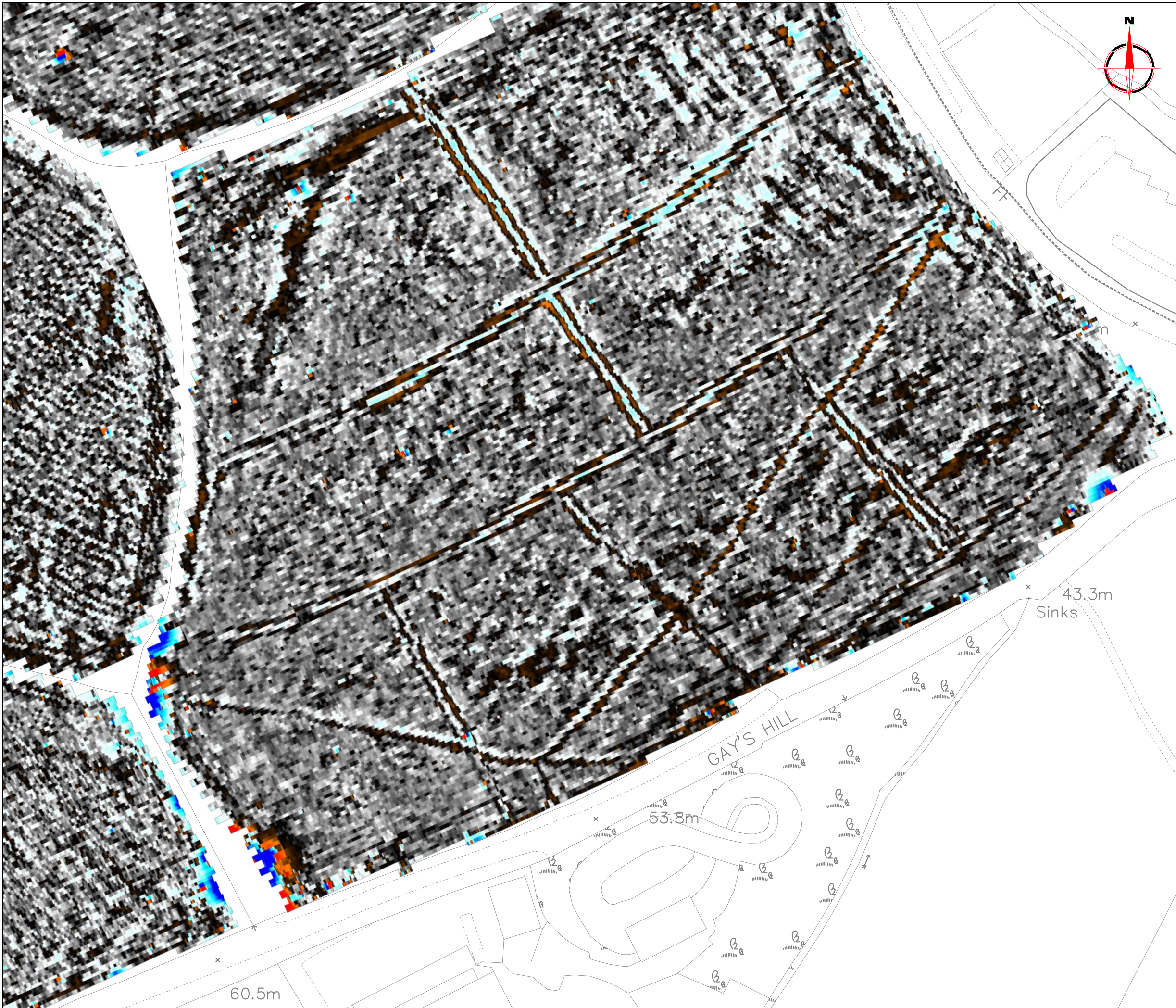
GPR ASSOCIATION

SUMO SUMO GROUP MEMBER
Survey Services

ims ISO 9001 certified **UKAS** ISO 14001 certified

Scale 1:1000

Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 06



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-

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

Client
CORNWALL COUNTY COUNCIL

Project Title
GEOPHYSICAL SURVEY - HELSTON, CORNWALL

Job No. 9445

Subject
COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - VIEWPORT 4

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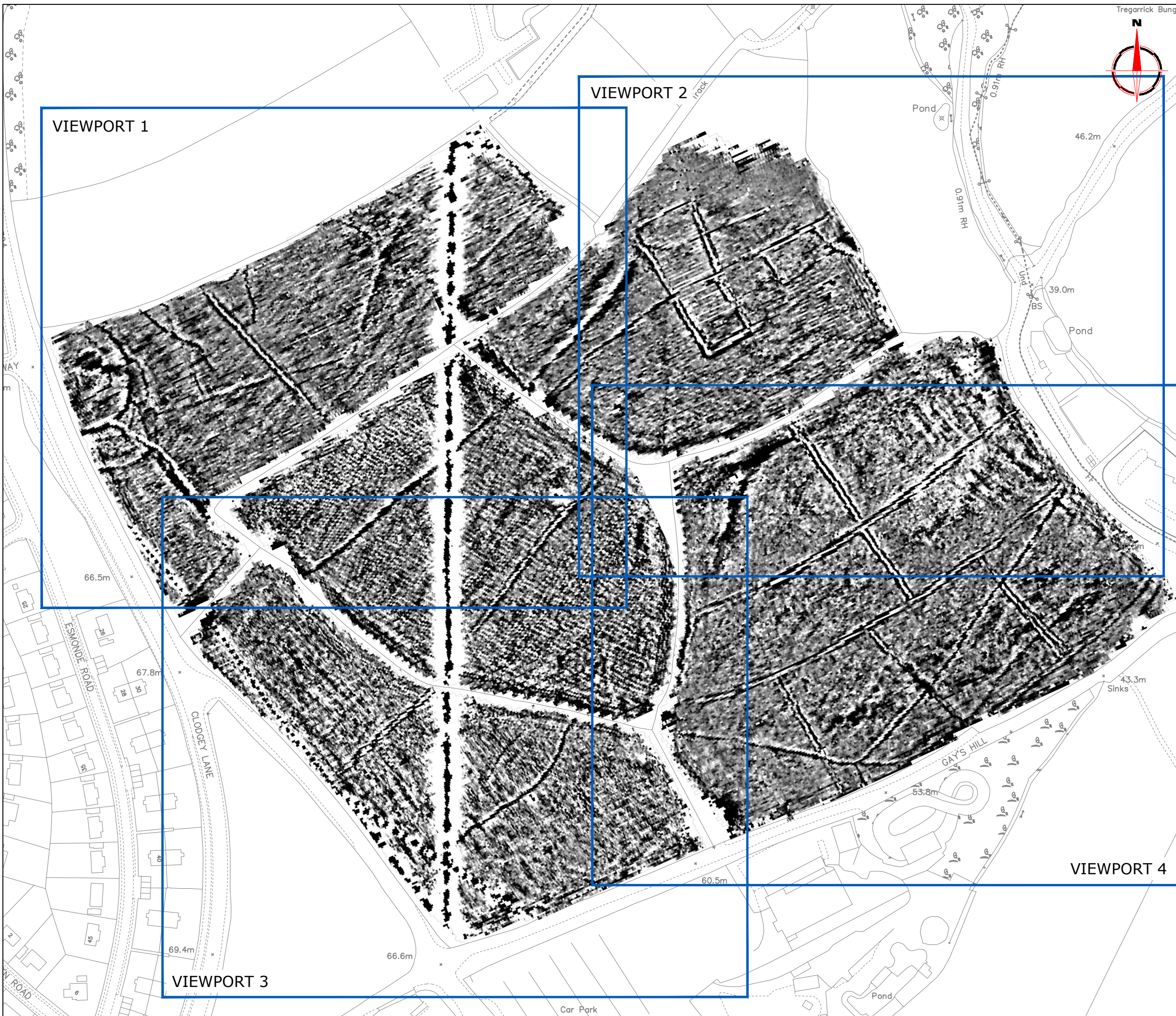
EUROPEAN GPR ASSOCIATION

SUMO SURVEY SERVICES
SUMO GROUP MEMBER

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UKAS ISO 14001 certified

Scale 1:1000
0m 10 20 30 40 50

Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 07



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters	+3nT
Maximum +3nT (black)	
Minimum -3nT (white)	
Zero Mean	
	-3nT +3nT

Client	CORNWALL COUNTY COUNCIL	
Project Title	GEOPHYSICAL SURVEY - HELSTON, CORNWALL	
Job No.	9445	
Subject	PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - OVERVIEW	

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SUMO GROUP MEMBER

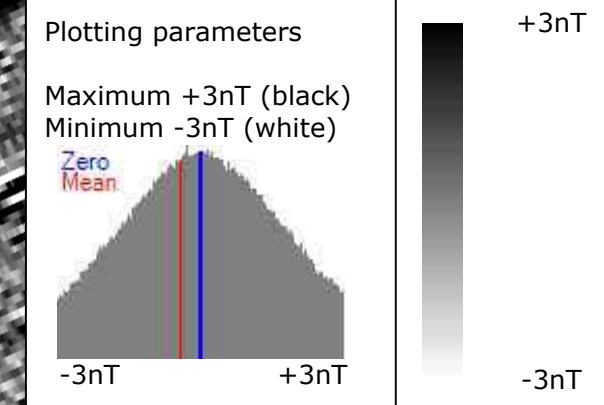
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Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
JAN 16	RD	08



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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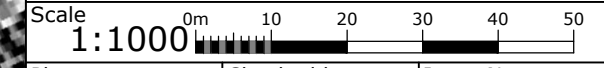


Client
CORNWALL COUNTY COUNCIL

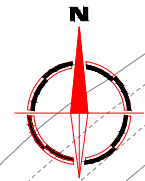
Project Title Job No. 9445
**GEOPHYSICAL SURVEY - HELSTON,
CORNWALL**

Subject
**PLOT OF MINIMALLY PROCESSED
GRADIOMETER DATA - VIEWPORT 1**

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Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 09



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

Maximum +3nT (black)
Minimum -3nT (white)

Zero Mean

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
**GEOPHYSICAL SURVEY - HELSTON,
CORNWALL**

Subject
**PLOT OF MINIMALLY PROCESSED
GRADIOMETER DATA - VIEWPORT 2**

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EUROPEAN GPR ASSOCIATION

SUMO GROUP MEMBER

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Scale **1:1000** 0m 10 20 30 40 50

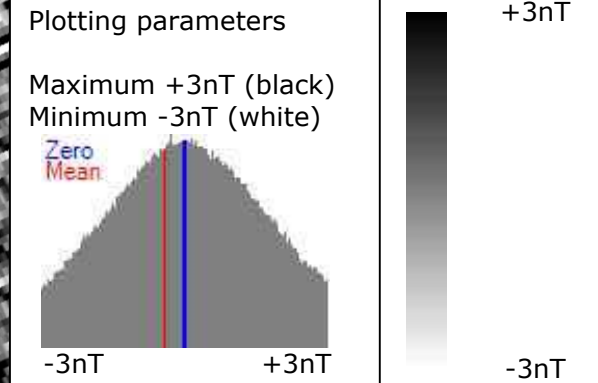
Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 10



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Project Title Job No. 9445
**GEOPHYSICAL SURVEY - HELSTON,
CORNWALL**

Subject
**PLOT OF MINIMALLY PROCESSED
GRADIOMETER DATA - VIEWPORT 3**

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AND ENGINEERING

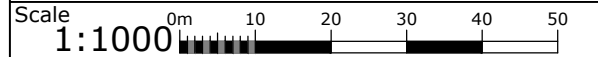
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SUMO SUMO GROUP MEMBER

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IMS ISO 14001 certified UKAS ISO 14001 certified



Plot A3	Checked by DGE	Issue No. 01
Survey date JAN 16	Drawn by RD	Figure No. 11



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

Maximum +3nT (black)
Minimum -3nT (white)

Zero Mean

-3nT +3nT

+3nT

-3nT

Client
CORNWALL COUNTY COUNCIL

Project Title Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL

Subject
PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - VIEWPORT 4

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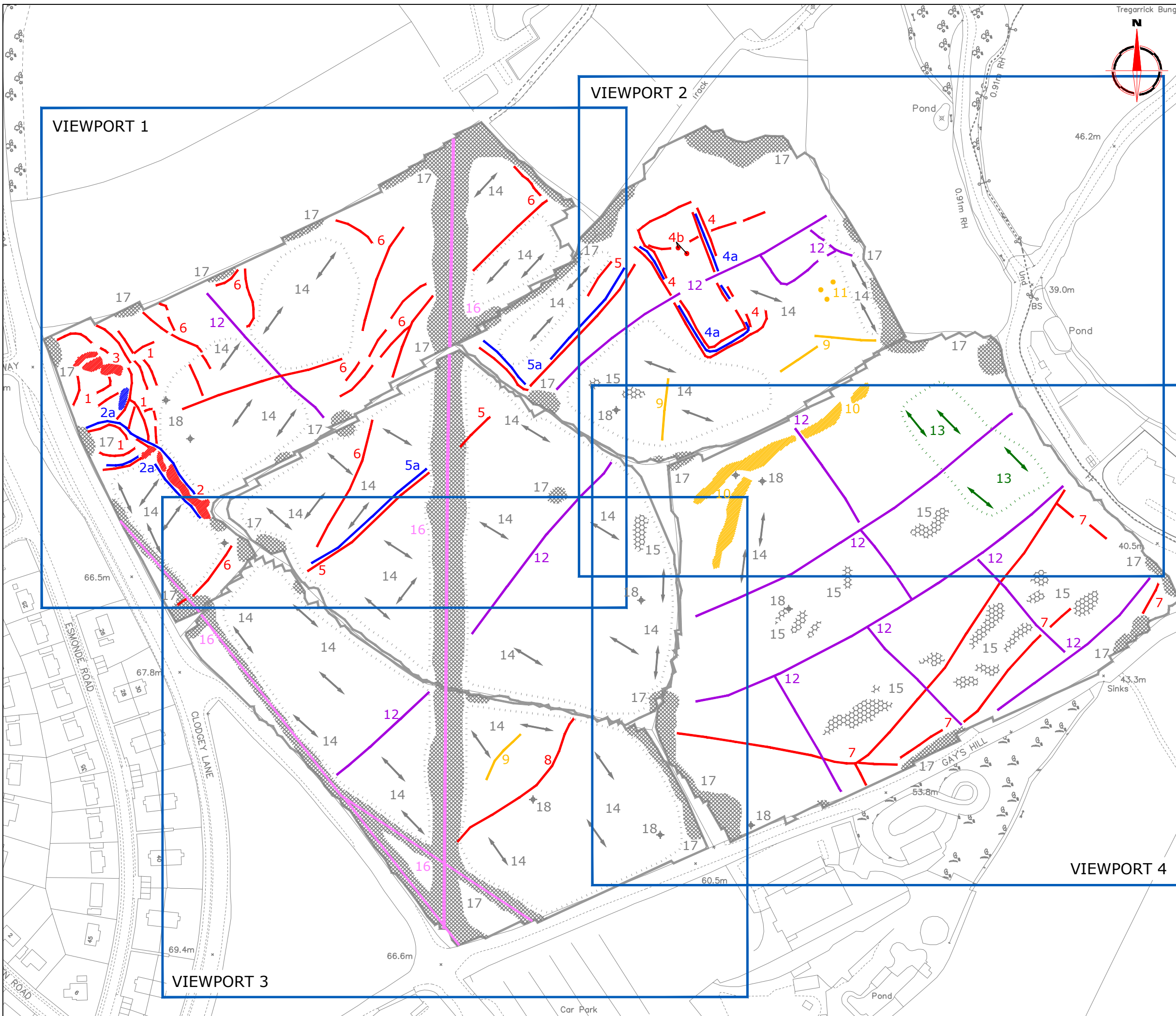
SUMO SURVEYS SUMO GROUP MEMBER

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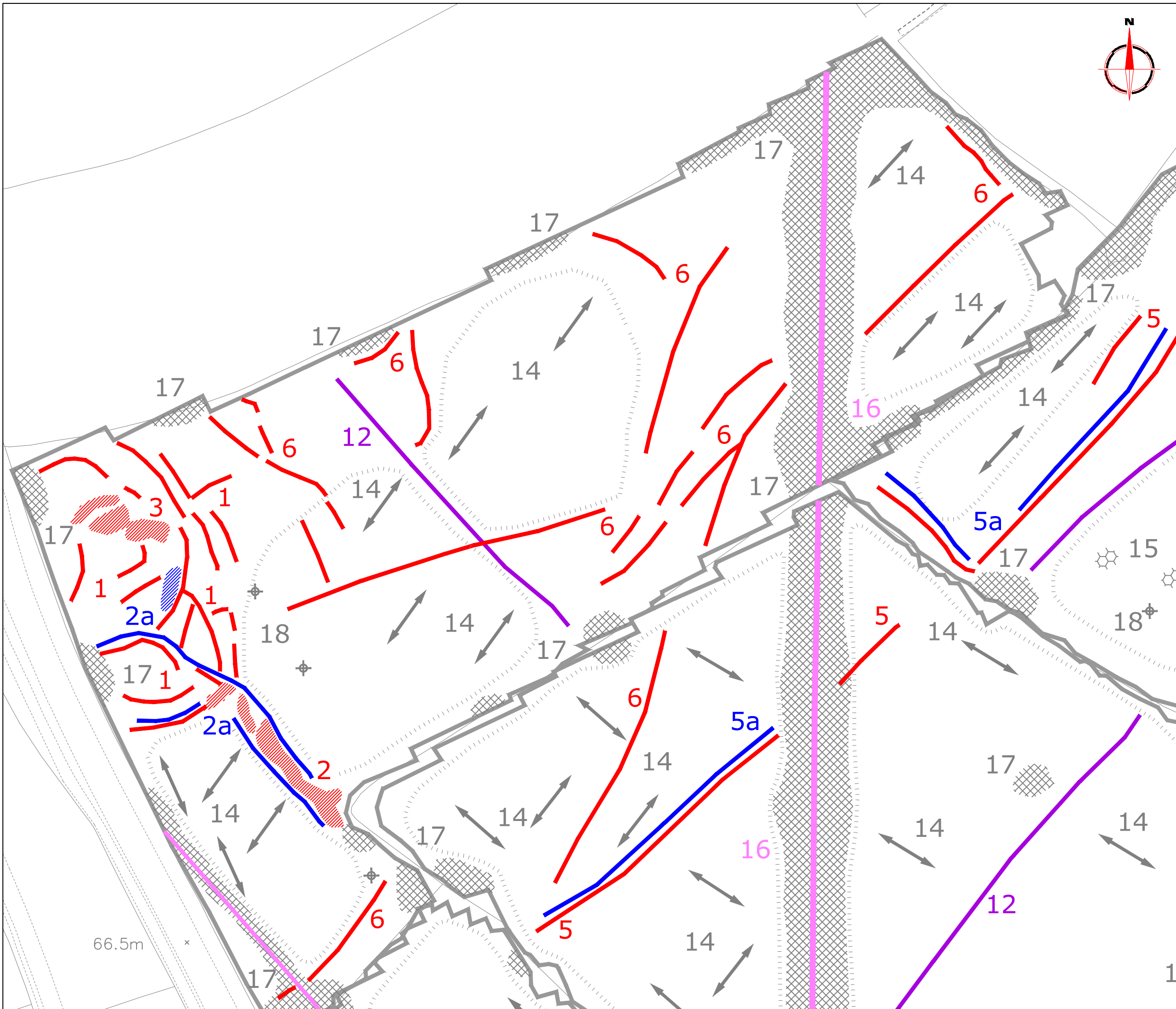
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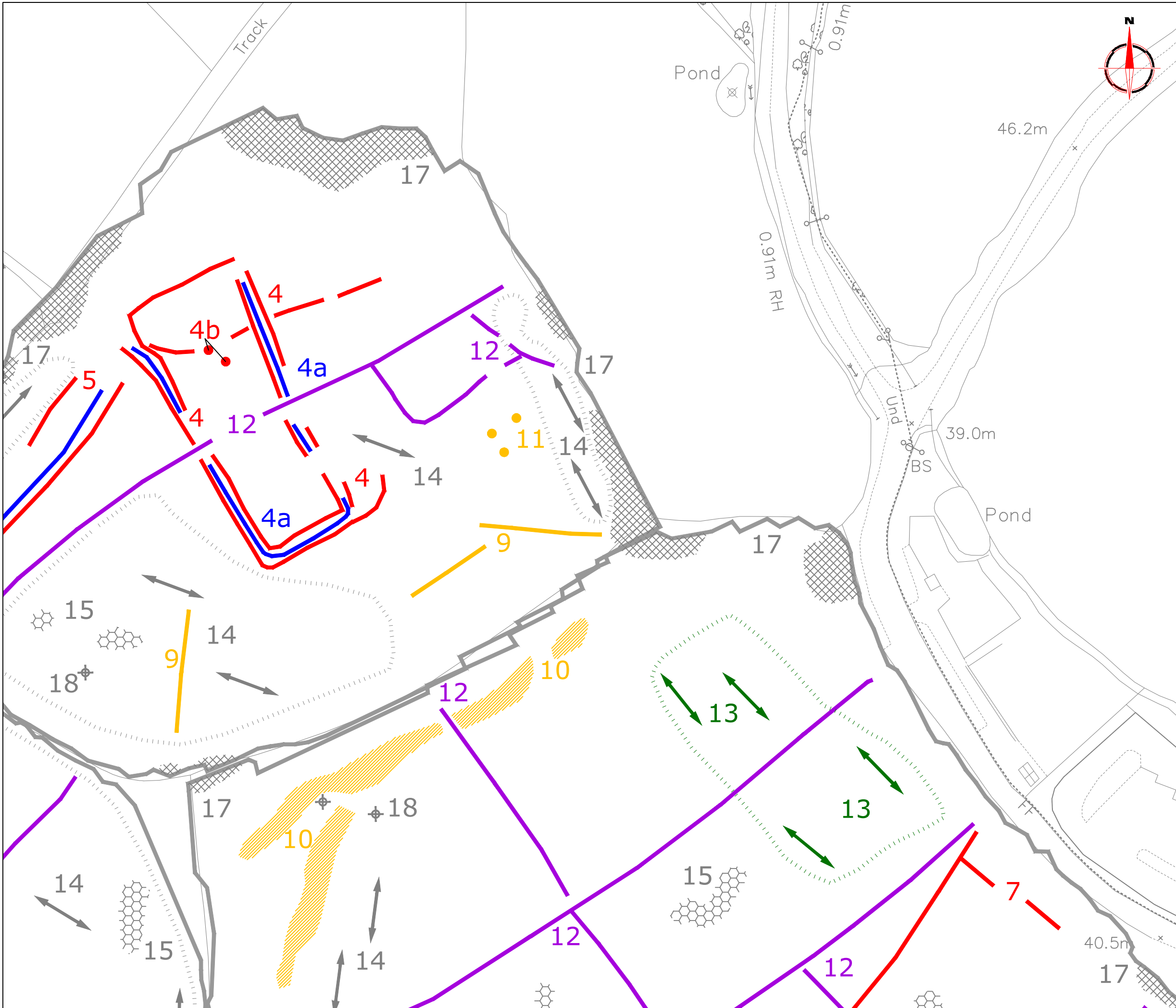
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Survey date JAN 16	Drawn by RD	Figure No. 12



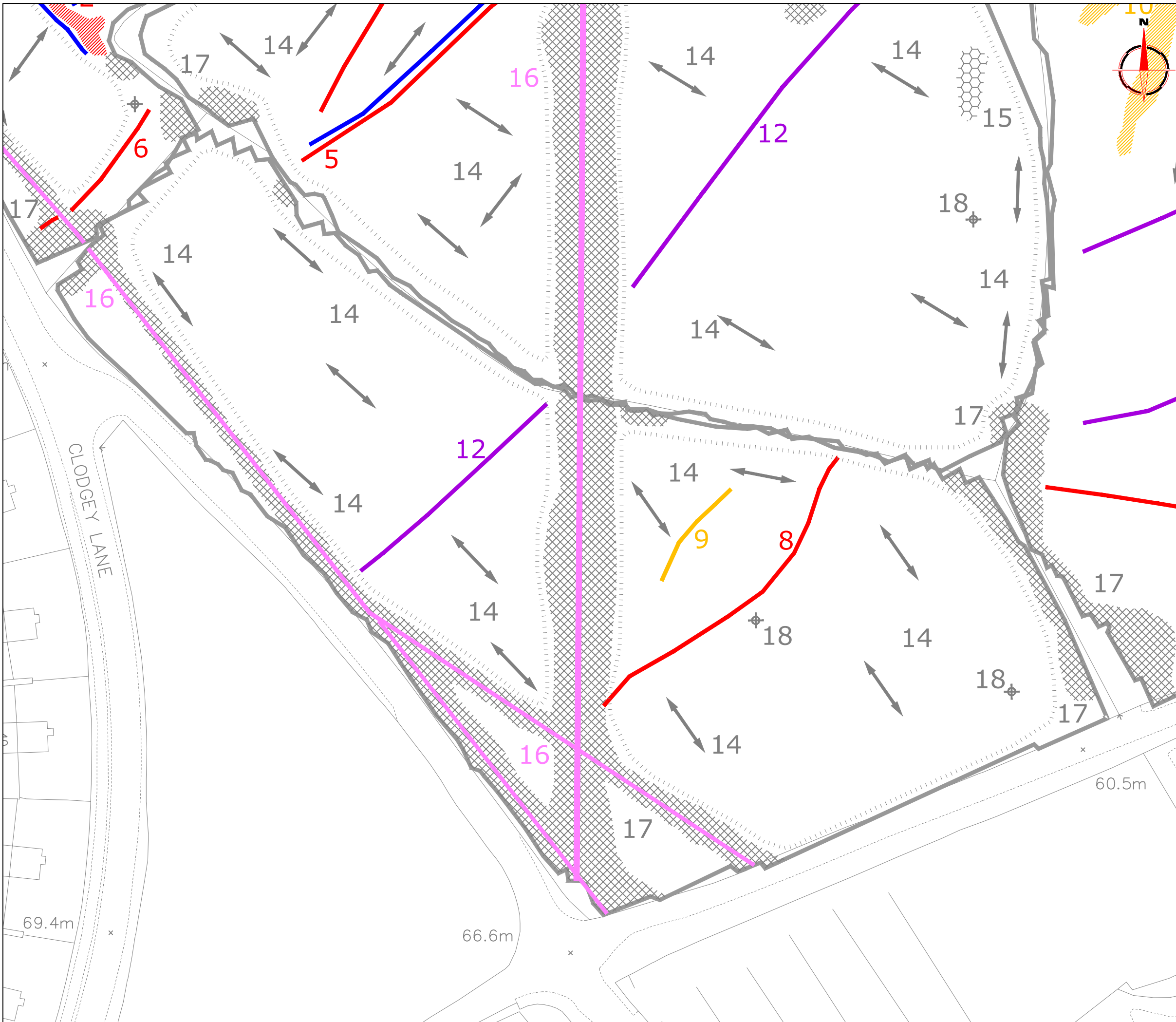
Amendments		
Issue No.	Date	Description
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-	-	-
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PROBABLE ARCHAEOLOGY		
	Positive anomaly / weak positive anomaly - probable cut feature of archaeological origin	
	Negative anomaly / weak negative anomaly - probable bank or earthwork of archaeological origin	
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	
MEDIEVAL/POST-MEDIEVAL AGRICULTURE		
	Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow	
	Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing	
	Linear anomaly - probably related to a former field boundary not present on available mapping	
	Linear anomaly - related to a former field boundary present on available mapping	
OTHER ANOMALIES		
	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		
CORNWALL COUNTY COUNCIL		
Project Title		Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL		
Subject		
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - OVERVIEW		
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING		
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Scale		
1:2000		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
JAN 16	RD	13



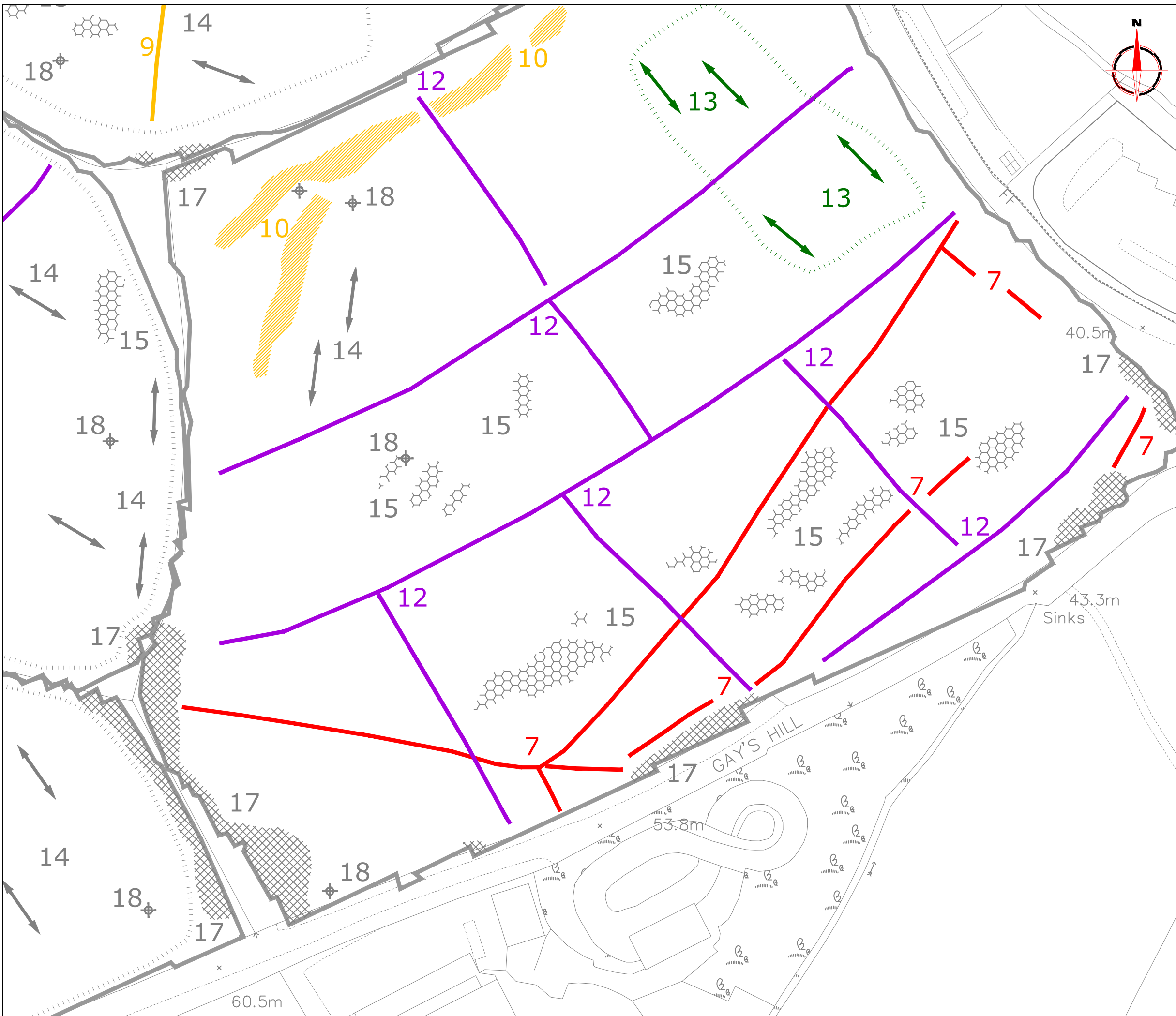
Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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PROBABLE ARCHAEOLOGY		
	Positive anomaly / weak positive anomaly - probable cut feature of archaeological origin	
	Negative anomaly / weak negative anomaly - probable bank or earthwork of archaeological origin	
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	
MEDIEVAL/POST-MEDIEVAL AGRICULTURE		
	Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow	
	Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing	
	Linear anomaly - probably related to a former field boundary not present on available mapping	
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	Linear anomaly - probably related to pipe, cable or other modern service	
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	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		
CORNWALL COUNTY COUNCIL		
Project Title		Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL		
Subject		
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - VIEWPORT 1		
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Scale		
1:1000		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
JAN 16	RD	14



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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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	
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	
MEDIIEVAL/POST-MEDIIEVAL AGRICULTURE		
	Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow	
	Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing	
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	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		
CORNWALL COUNTY COUNCIL		
Project Title		Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL		
Subject		
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - VIEWPORT 2		
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Scale		
1:1000		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
JAN 16	RD	15



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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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	
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	
MEDIEVAL/POST-MEDIEVAL AGRICULTURE		
	Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow	
	Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing	
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	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		
CORNWALL COUNTY COUNCIL		
Project Title		Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL		
Subject		
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - VIEWPORT 3		
STRATASCAN™		
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WR8 0SA		www.stratascan.co.uk
Scale		
1:1000		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
JAN 16	RD	16



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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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	
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	
MEDIEVAL/POST-MEDIEVAL AGRICULTURE		
	Widely spaced curving parallel linear anomalies - probably related to ridge-and-furrow	
	Closely spaced parallel linear anomalies - probably related to agricultural activity such as ploughing	
	Linear anomaly - probably related to a former field boundary not present on available mapping	
	Linear anomaly - related to a former field boundary present on available mapping	
OTHER ANOMALIES		
	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		
CORNWALL COUNTY COUNCIL		
Project Title		Job No. 9445
GEOPHYSICAL SURVEY - HELSTON, CORNWALL		
Subject		
ABSTRACTION AND INTERPRETATION OF GRADIOMETER ANOMALIES - VIEWPORT 4		
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING		
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Scale		
1:1000		
Plot	Checked by	Issue No.
A3	DGE	01
Survey date	Drawn by	Figure No.
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