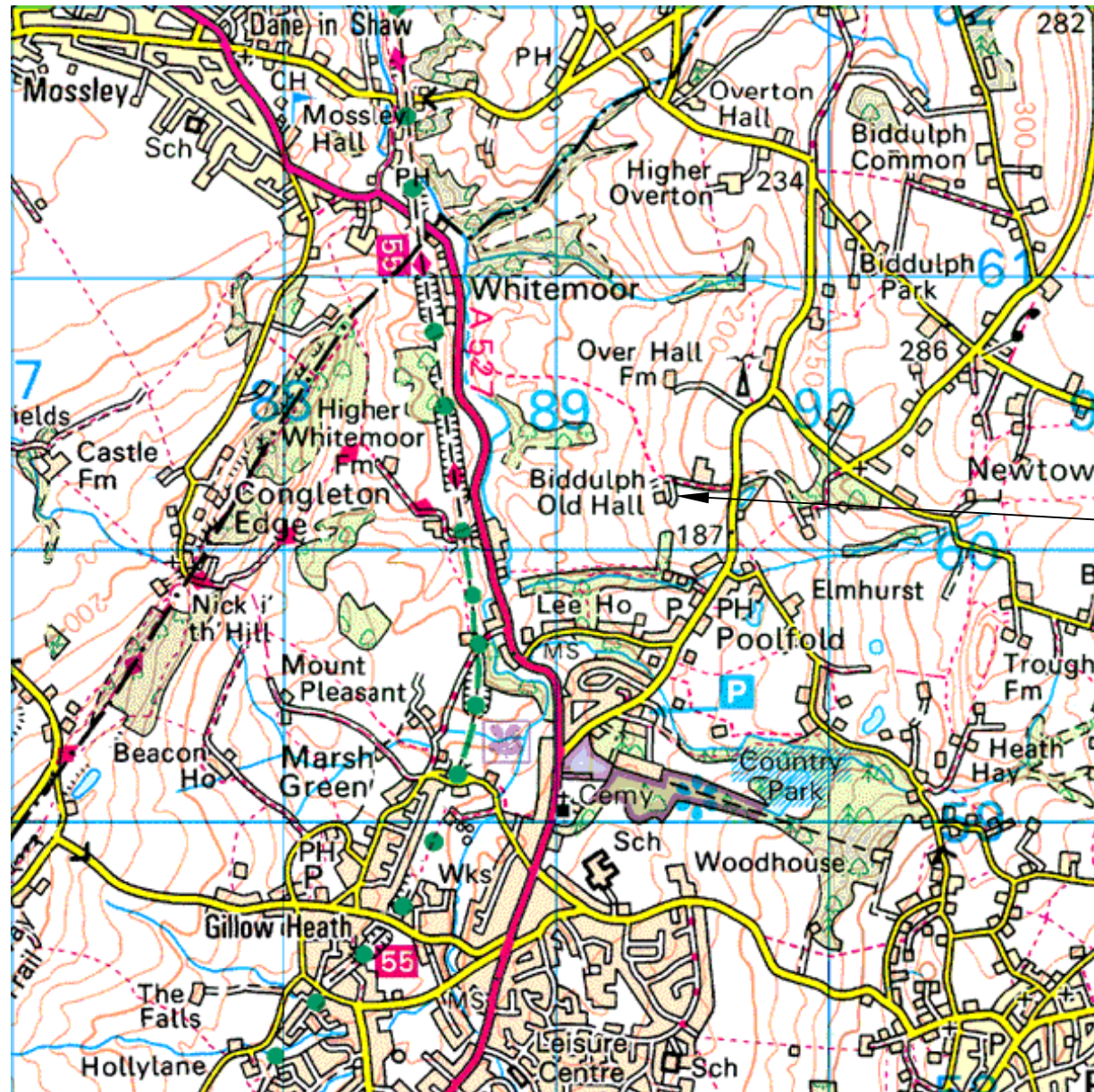


Reproduced from Ordnance Survey's 1:25 000 map of 1998 with the permission of the controller of Her Majesty's Stationary Office.  
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 Licence No: AL 50125A  
 Licence:  
 Stratascan Ltd.  
 Vineyard House  
 Upper Hook Road  
 Upton Upon Severn  
 WR8 0SA  
 OS 100km square = SJ



62  
61  
60  
59  
58



Survey Area

87 88 89 90 91

Amendments		
Issue No.	Date	Description
-	-	-

Site centred on NGR **SJ 895 603**

Client  
**NIGEL DALY DESIGN**

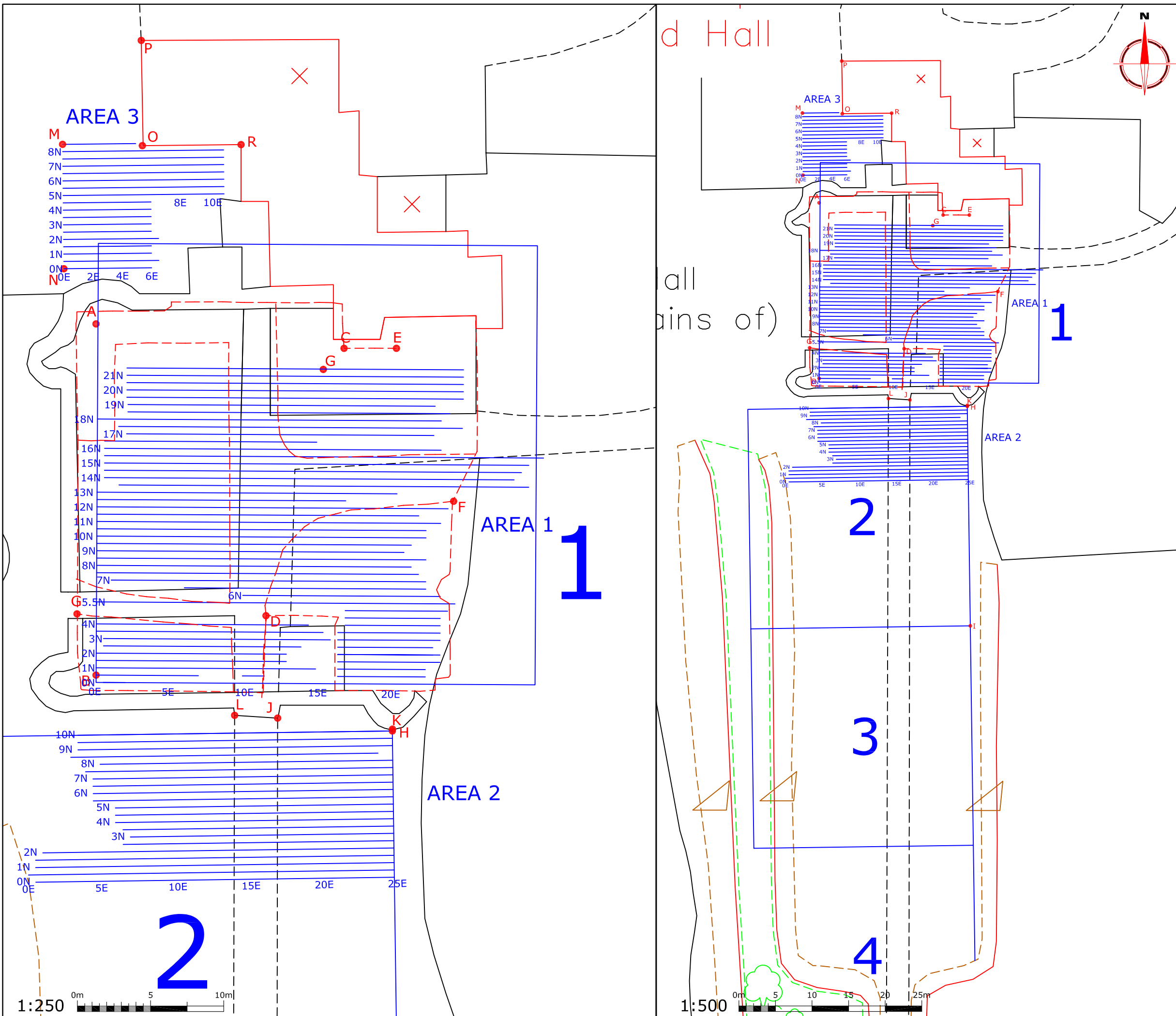
Project Title **GEOPHYSICAL SURVEY - BIDDULPH OLD HALL** Job No. 2058


Subject  
**LOCATION PLAN OF SURVEY AREA**

**STRATASCAN™**  
 GEOPHYSICS FOR ARCHAEOLOGY  
 AND ENGINEERING  
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 E: info@stratascan.co.uk  
 www.stratascan.co.uk

Scale 1:25 000

Plot <b>A3</b>	Checked by <b>SAS</b>	Issue No. <b>01</b>
Survey date <b>SEPT 05</b>	Drawn by <b>NG</b>	Figure No. <b>01</b>



Amendments					
Issue No.	Date	Description			
-	-	-			
<p><b>DISCLAIMER:-</b> A topographic survey was carried out by stratascan for referencing purposes has highlighted possible inaccuracies within the OS base map supplied by the Client. All subsequent survey grids have been located and positioned in relation to the topographic survey</p>					
REFERENCING INFORMATION					
A-B	24m	A-C	16.82m	A-D	22.11m
B-E	30.35m	B-F	27.16m	B-G	4.38m
H-I	29.5m	H-J	8.01m	H-K	0.5m
I-J	31.91m	I-L	33.07m	M-N	8.90m
M-O	5.68m	M-P	9.54m	N-P	17.62m
N-R	15.10m	N-O	11m		
A-B, H-I, M-N	Base line				
C, D, E, F, G, J, K, L, O, P, R	Referencing points				
2	Grid number				
2N	GPR Traverse				
- - -	Topographic survey results				
Client					
NIGEL DALY DESIGN					
Project Title			Job No. 2058		
GEOPHYSICAL SURVEY - BIDDULPH OLD HALL					
Subject					
LOCATION AND REFERENCING OF SURVEY GRIDS					
					
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE UPPER HOOK ROAD UPTON UPON SEVERN UK WR8 0SA T: +44 (0)1684 592266 F: +44 (0)1684 594142 E: info@stratascan.co.uk www.stratascan.co.uk					
Scale					
AS SHOWN					
Plot	Checked by		Issue No.		
A3	SAS		01		
Survey date	Drawn by		Figure No.		
SEPT 05	HH		02		



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

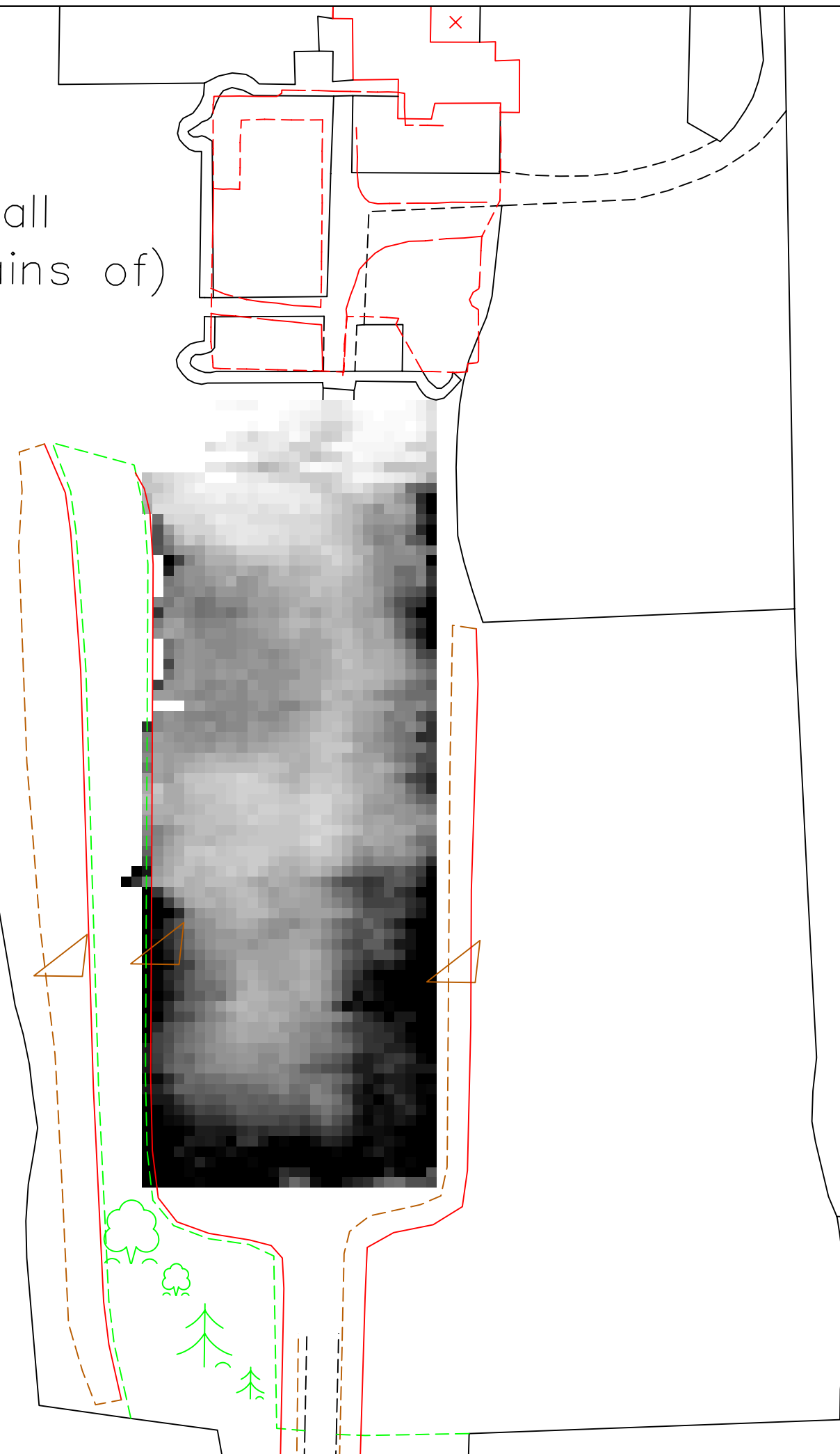
  

Plotting parameters	
Maximum +140Ω (black) Minimum +90Ω (white)	

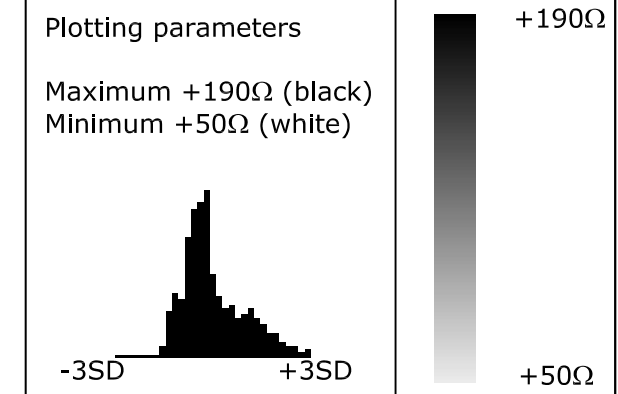
  

Client	NIGEL DALY DESIGN	
Project Title	Job No.	2058
GEOPHYSICAL SURVEY - BIDDULPH OLD HALL		
Subject	PLOT OF RAW RESISTANCE DATA AREA 1	
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE UPPER HOOK ROAD UPTON UPON SEVERN UK WR8 0SA T: +44 (0)1684 592266 F: +44 (0)1684 594142 E: info@stratascan.co.uk www.stratascan.co.uk		
Scale		
1:150		
Plot	Checked by	Issue No.
A3	SAS	01
Survey date	Drawn by	Figure No.
OCT 05	HH	03

Hall  
(remains of)



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



Client  
**NIGEL DALY DESIGN**

Project Title **GEOPHYSICAL SURVEY - BIDDULPH OLD HALL** Job No. 2058

Subject  
**PLOT OF RAW RESISTANCE DATA AREA 2**

**STRATASCAN™**  
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F: +44 (0)1684 594142  
E: info@stratascan.co.uk  
www.stratascan.co.uk

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

Plot <b>A3</b>	Checked by <b>SAS</b>	Issue No. <b>01</b>
Survey date <b>SEPT 05</b>	Drawn by <b>HH</b>	Figure No. <b>04</b>





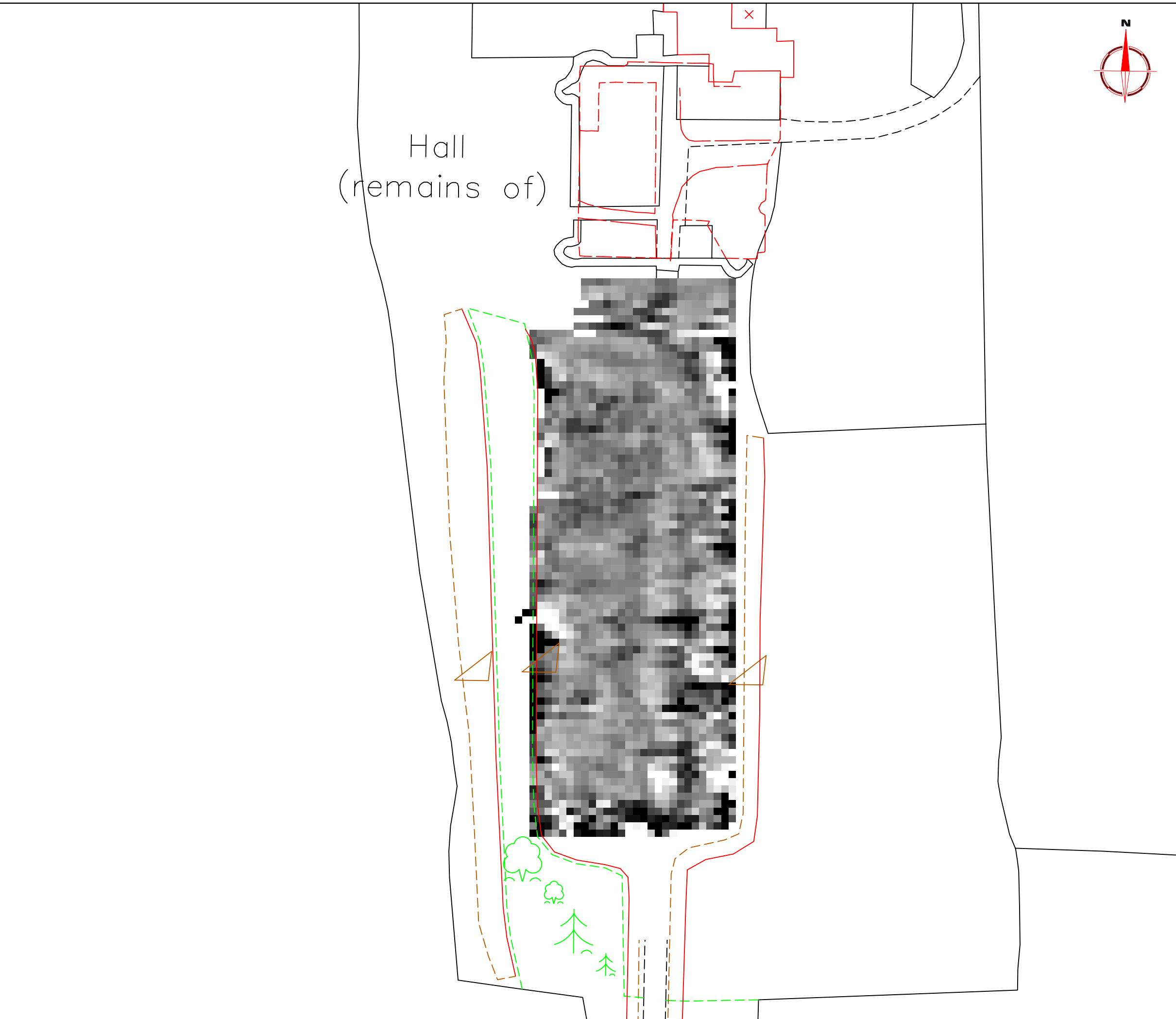
Amendments		
Issue No.	Date	Description
-	-	-
-	-	-

Plotting parameters	
Maximum +10Ω (black) Minimum -10Ω (white)	

Client	NIGEL DALY DESIGN	
Project Title	Job No.	2058
GEOPHYSICAL SURVEY - BIDDULPH OLD HALL		
Subject	PLOT OF PROCESSED RESISTANCE DATA AREA 1	
<b>STRATASCAN™</b> GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE UPPER HOOK ROAD UPTON UPON SEVERN UK WR8 0SA T: +44 (0)1684 592266 F: +44 (0)1684 594142 E: info@stratascan.co.uk www.stratascan.co.uk		
Scale	1:150	
Plot	Checked by	Issue No.
A3	SAS	01
Survey date	Drawn by	Figure No.
OCT 05	HH	05



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

Plotting parameters

Maximum +30Ω (black)  
Minimum +5Ω (white)

Client  
**NIGEL DALY DESIGN**

Project Title Job No. 2058  
**GEOPHYSICAL SURVEY -  
BIDDULPH OLD HALL**

Subject  
**PLOT OF PROCESSED  
RESISTANCE DATA  
AREA 2**

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www.stratascan.co.uk

REGISTERED ORGANISATION  
IFA

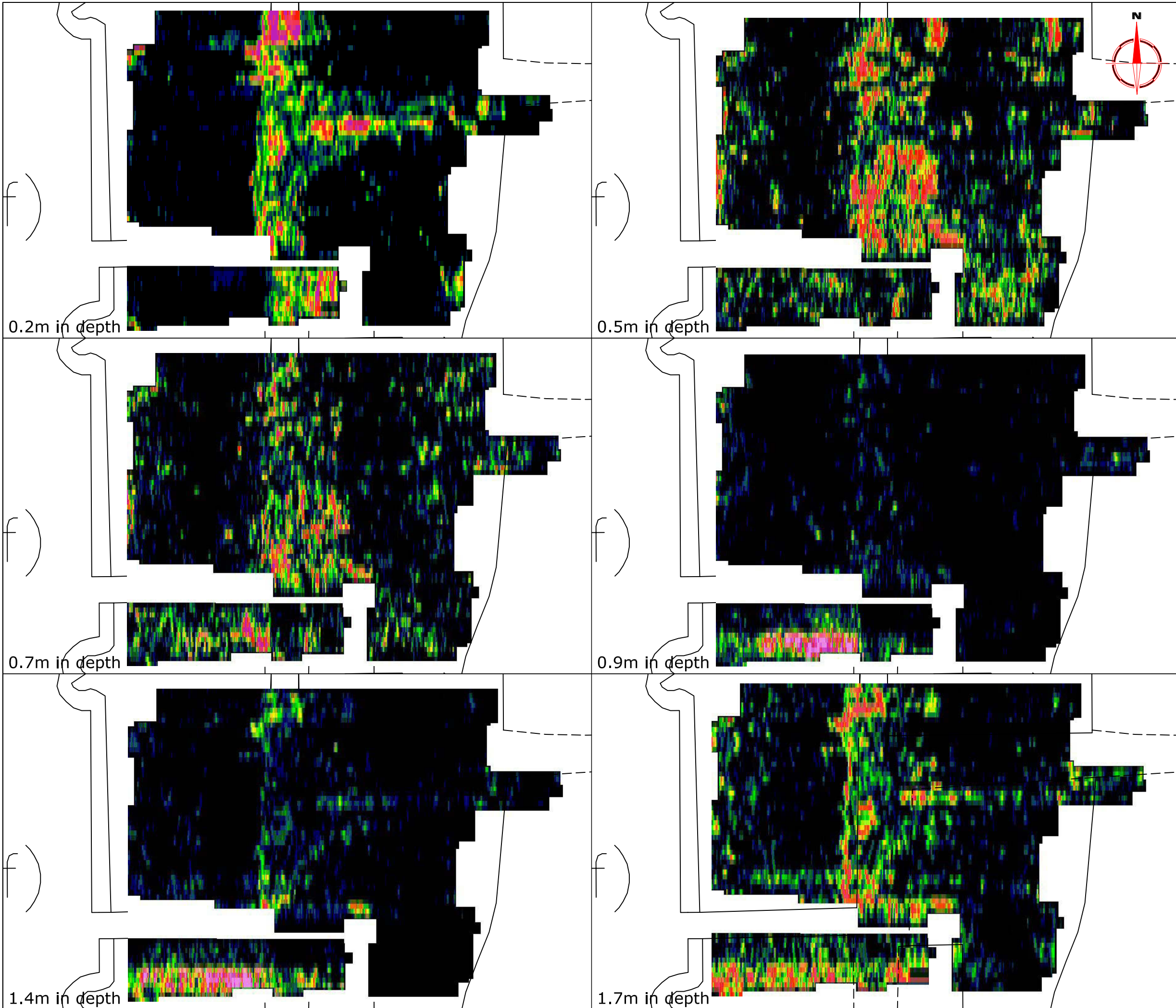
Scale **1:500**  
0m 5 10 15 20 25m

Plot <b>A3</b>	Checked by <b>SAS</b>	Issue No. <b>01</b>
Survey date <b>SEPT 05</b>	Drawn by <b>HH</b>	Figure No. <b>06</b>

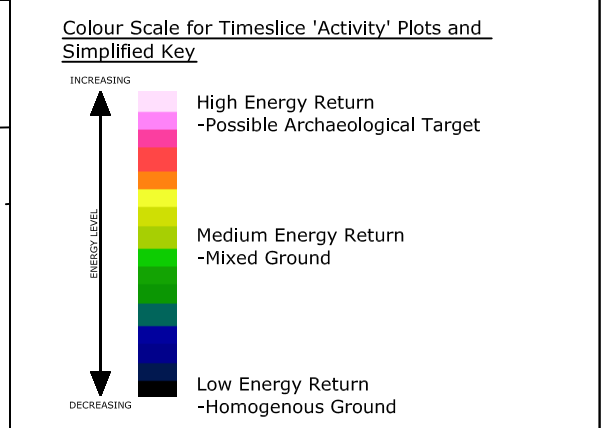


Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
<b>KEY</b>		
	High resistance area anomaly possibly relating to structural remains of archaeological origin	
	Moderate high resistance area anomaly possibly relating to structural remains or debris	
	Moderate high resistance linear anomaly weak evidence for possible structural remains	
	Moderate high resistance area anomaly possibly relating to structural debris	
	Low resistance area anomaly possibly relating to cut features of archaeological origin	
	Faint high resistance linear anomaly - structural remains or compacted ground of possible archaeological origin	
	High resistance area anomaly possibly caused by nearby vegetation and tree roots	
	High resistance area anomaly of possible archaeological origin	
	Moderate high resistance area anomaly of possible archaeological origin	
	Low resistance area anomaly relating to pathway	
	Low resistance area anomaly of unknown origin	
	Faint low resistance area anomaly of unknown origin	
Client		
<b>NIGEL DALY DESIGN</b>		
Project Title	Job No.	2058
<b>GEOPHYSICAL SURVEY - BIDDULPH OLD HALL</b>		
Subject		
<b>ABSTRACTION AND INTERPRETATION OF RESISTANCE ANOMALIES</b>		
<b>STRATASCAN™</b>		
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING		
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Scale		
<b>AS SHOWN</b>		
Plot	Checked by	Issue No.
<b>A3</b>	<b>SAS</b>	<b>01</b>
Survey date	Drawn by	Figure No.
<b>SEPT 05</b>	<b>HH</b>	<b>07</b>





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



Client  
**NIGEL DALY DESIGN**

Project Title  
**BIDDULPH OLD HALL**

Job No. 2060

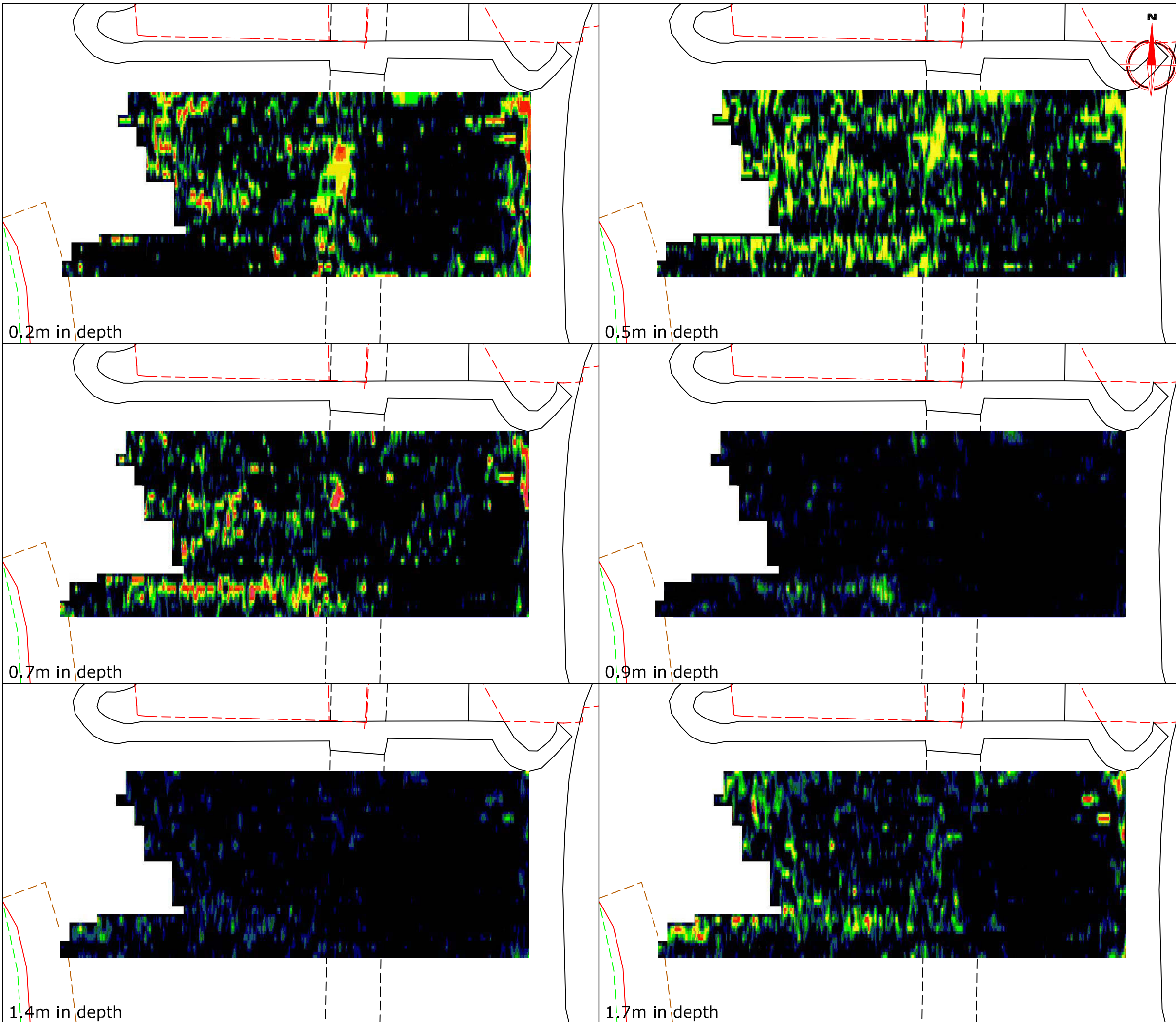
Subject  
**AREA 1 GPR TIMESLICE PLOT AT VARYING DEPTHS AT A WIDTH OF 0.25m**

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Scale <b>1:250</b>	0m 5 10m	
Plot <b>A3</b>	Checked by <b>SAS</b>	Issue No. <b>01</b>
Survey date <b>SEPT 05</b>	Drawn by <b>HH</b>	Figure No. <b>08</b>





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

**Colour Scale for Timeslice 'Activity' Plots and Simplified Key**

INCREASING ↑

ENERGY LEVEL

DECREASING ↓

- High Energy Return - Possible Archaeological Target
- Medium Energy Return - Mixed Ground
- Low Energy Return - Homogenous Ground

Client: **NIGEL DALY DESIGN**

Project Title: **BIDDULPH OLD HALL** Job No.: 2060

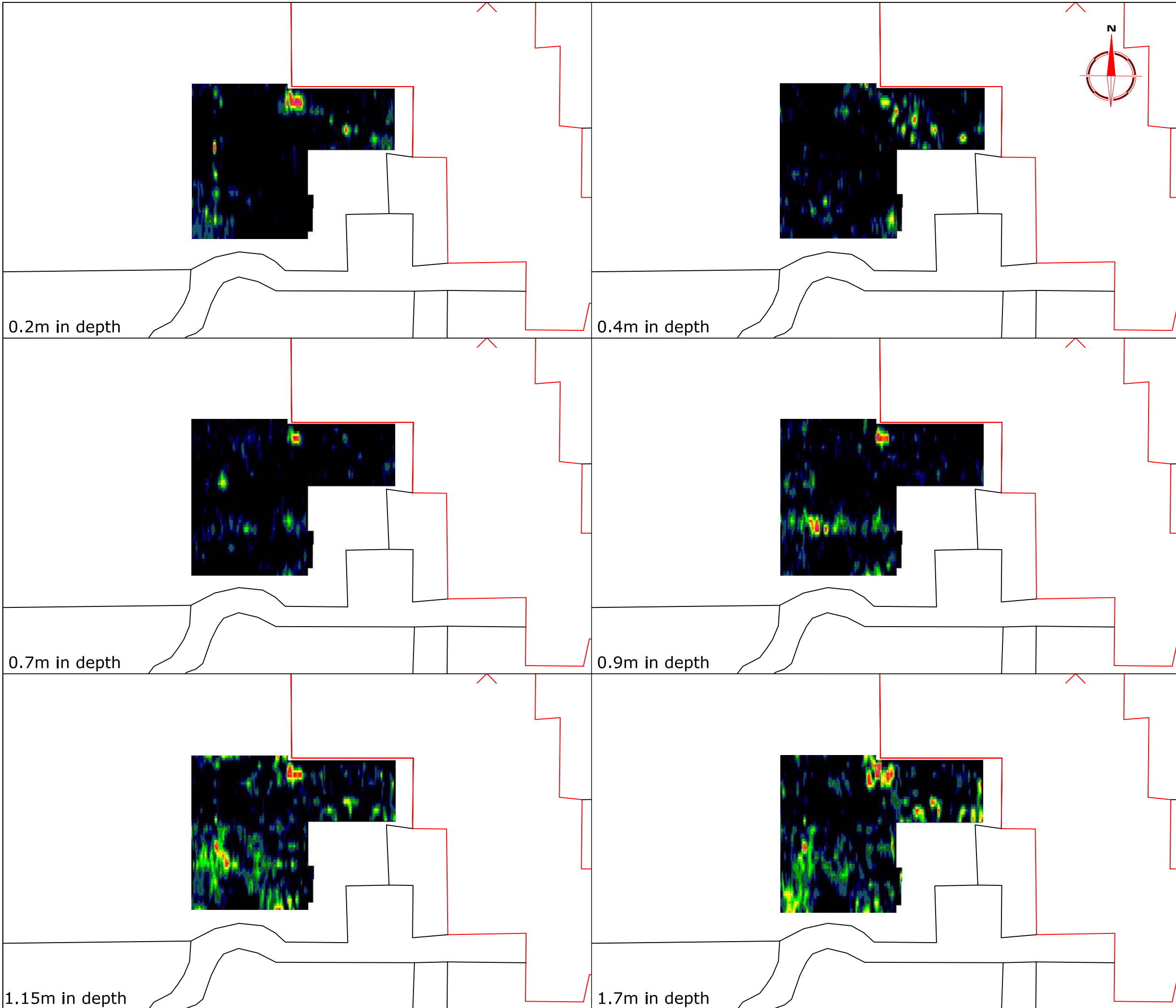
Subject: **AREA 2 GPR TIMESLICE PLOT AT VARYING DEPTHS AT A WIDTH OF 0.25m**

**STRATASCAN™**  
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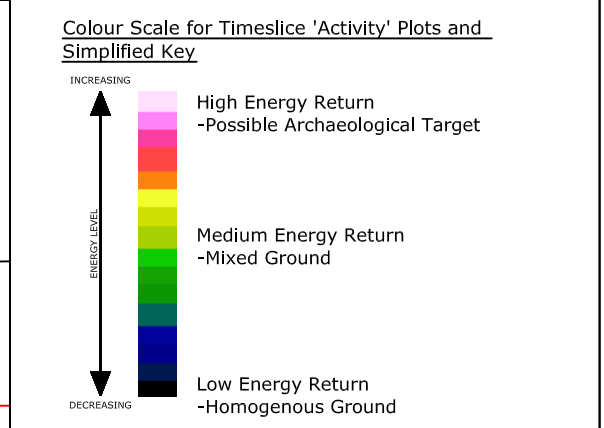
Scale: 1:200

Plot: **A3** Checked by: **SAS** Issue No.: **01**

Survey date: **SEPT 05** Drawn by: **HH** Figure No.: **09**



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



Client  
**NIGEL DALY DESIGN**

Project Title Job No. 2060  
**BIDDULPH OLD HALL**

Subject  
**AREA 3 GPR TIMESLICE PLOT AT VARYING DEPTHS AT A WIDTH OF 0.25m**

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AND ENGINEERING  
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E: info@stratascan.co.uk  
www.stratascan.co.uk

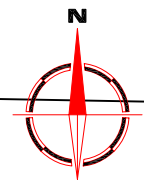
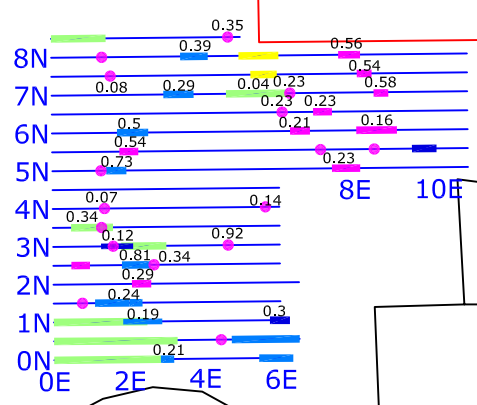


Scale **1:200**  
0m 10 20 30 40 50

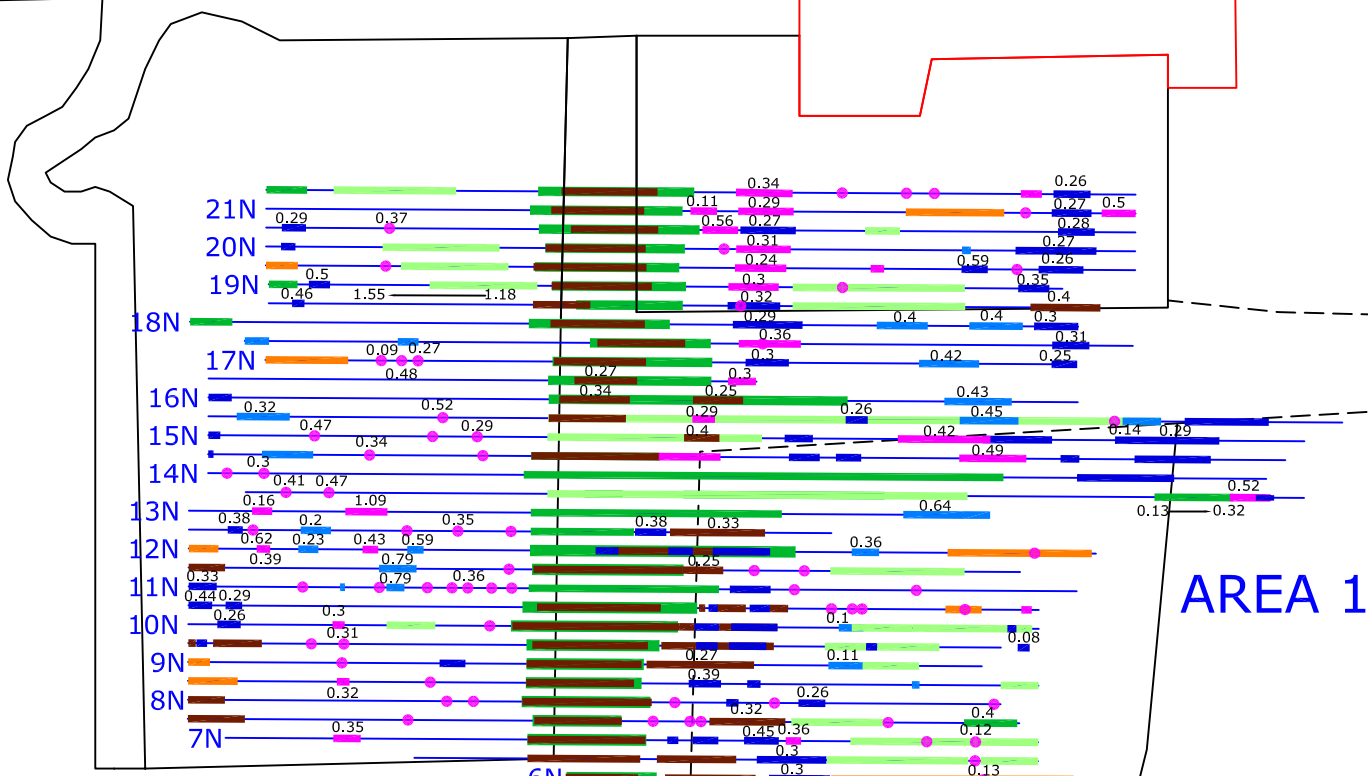
Plot <b>A3</b>	Checked by <b>SAS</b>	Issue No. <b>01</b>
Survey date <b>SEPT 05</b>	Drawn by <b>HH</b>	Figure No. <b>10</b>



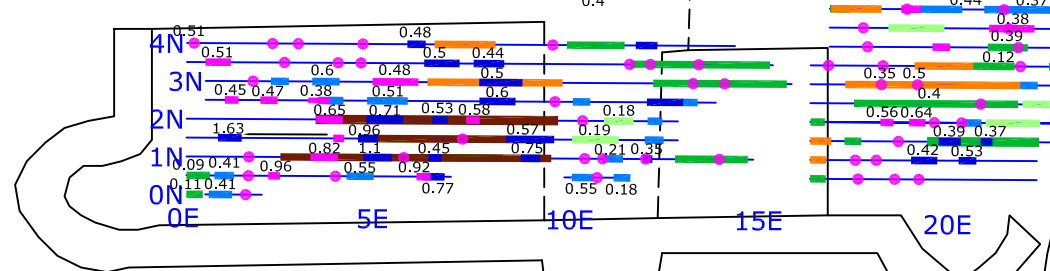
# AREA 3



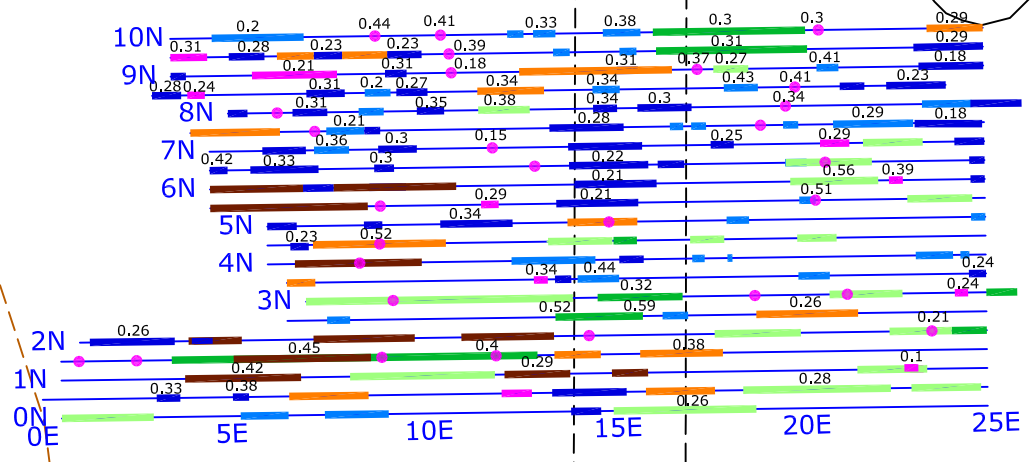
Hall  
rains of)



# AREA 1



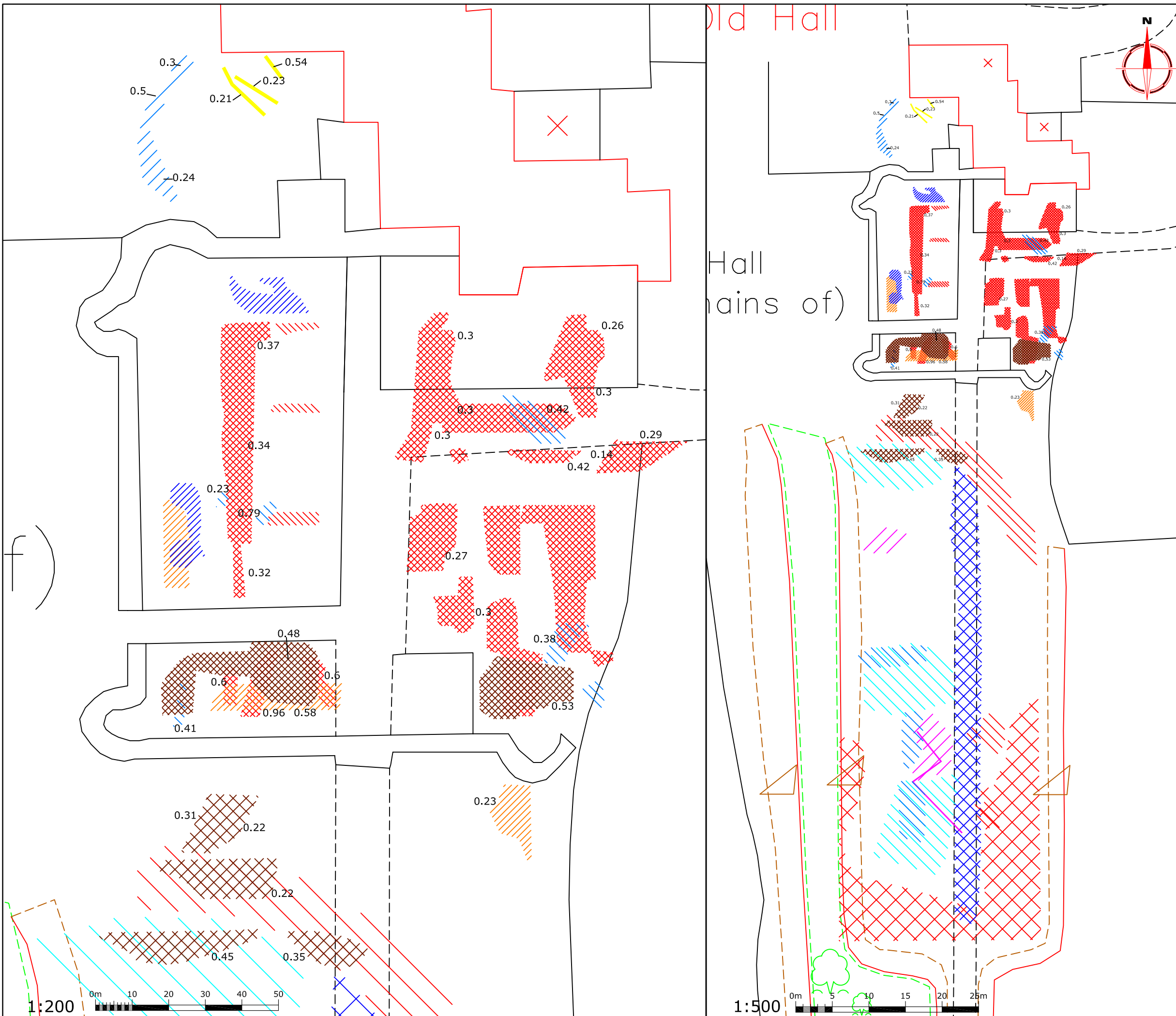
# AREA 2



Amendments		
Issue No.	Date	Description
-	-	-
RADAR ABSTRACTION KEY		
	Strong Discrete	
	Weak Discrete	
	Strong Complex	
	Weak Complex	
	Point Diffraction	
	Broad Crested	
	Strong Planar	
	Weak Planar	
	Conductive Surface	
	Inclined Event	
0.25	Depth to top of feature [m]	
Client <b>NIGEL DALY DESIGN</b>		
Project Title <b>BIDDULPH OLD HALL</b>		Job No. 2058
Subject <b>ABSTRACTION OF GROUND PENETRATING RADAR DATA</b>		
 <b>STRATASCAN™</b> GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE UPPER HOOK ROAD UPTON UPON SEVERN UK WR8 0SA T: +44 (0)1684 592266 F: +44 (0)1684 594142 E: info@stratascan.co.uk www.stratascan.co.uk		
Scale 1:200		
Plot <b>A3</b>	Checked by <b>SAS</b>	Issue No. <b>01</b>
Survey date <b>SEPT 05</b>	Drawn by <b>HH</b>	Figure No. <b>11</b>







Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
<b>KEY</b>		
	Possible evidence for structural remains identified within the resistivity and GPR surveys	
	Possible areas of structural debris identified within the resistivity and GPR	
	Possible areas of landscaping of structural remains or debris	
	Possible areas of landscaping of structural debris	
	Weak responses for possible structural remains	
	Weak response possibly relating to an area of archaeological activity	
	Faint high resistance linear anomaly - structural remains or compacted ground of possible archaeological origin	
	High resistance area anomaly possibly caused by nearby vegetation and tree roots	
	High resistance area anomaly of possible archaeological origin	
	Moderate high resistance area anomaly of possible archaeological origin	
	Low resistance area anomaly relating to pathway	
	Low resistance area anomaly of unknown origin	
	Faint low resistance area anomaly of unknown origin	
	Possible service	
0.25	Depth to top of feature [m]	
Client		
<b>NIGEL DALY DESIGN</b>		
Project Title		Job No. 2058
<b>GEOPHYSICAL SURVEY - BIDDULPH OLD HALL</b>		
Subject		
<b>COMBINED INTERPRETATION</b>		
<b>STRATASCAN™</b>		
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING		
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Scale		
<b>AS SHOWN</b>		
Plot	Checked by	Issue No.
<b>A3</b>	<b>SAS</b>	<b>01</b>
Survey date	Drawn by	Figure No.
<b>OCT 05</b>	<b>HH</b>	<b>13</b>

1:200

1:500