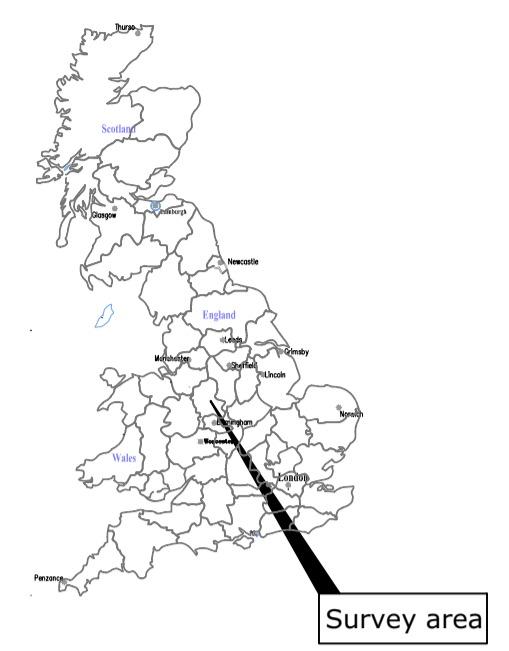


Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Site centred on NGR SJ 870 300

OS REFERENCING INFORMATION

A	387633.51, 327867.82
B	387547.58, 327951.58
C	387420.31, 327949.96
D	387269.93, 328096.55
E	387545.95, 328078.85
F	387481.51, 328141.68
G	387522.85, 328227.06
H	387501.37, 328248.00
I	387490.31, 328472.21
J	387460.25, 328524.13
K	387434.28, 328509.10
L	387374.15, 328612.94
M	387129.23, 328632.30
N	387117.20, 328811.90
O	387110.20, 329106.91
P	387064.05, 329145.26
Q	386882.19, 329036.04
R	386887.12, 329125.91

Job No.	33362	Survey Date	AUG-OCT 2013
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Client

ATKINS

Project Title

**NORTON BRIDGE,
STAFFORDSHIRE**

Subject

**SITE LOCATION, SURVEY
AREA & REFERENCING -
G001 - G008**

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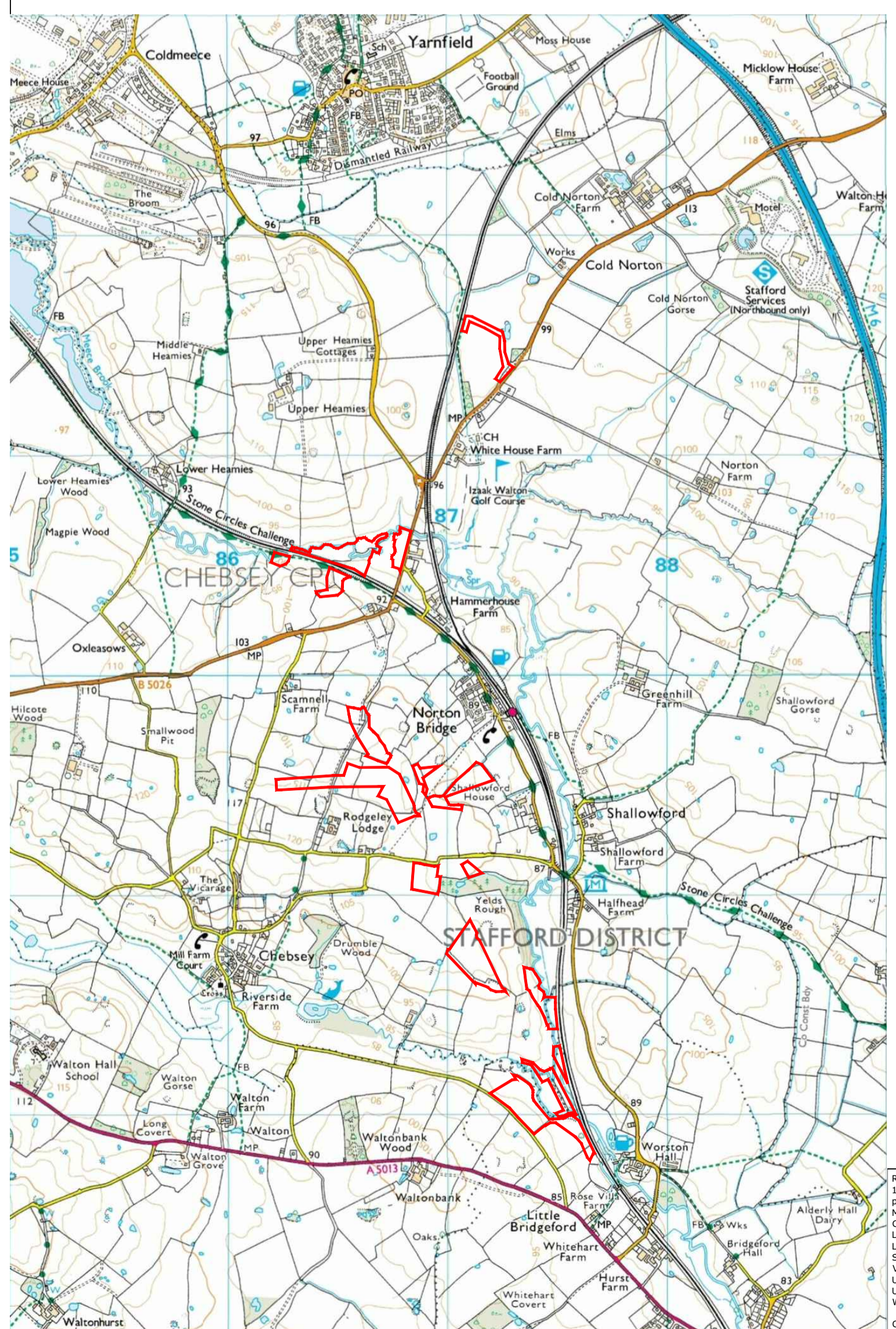
GPR ASSOCIATION

SUMO GROUP MEMBER

ISO 9001 certified
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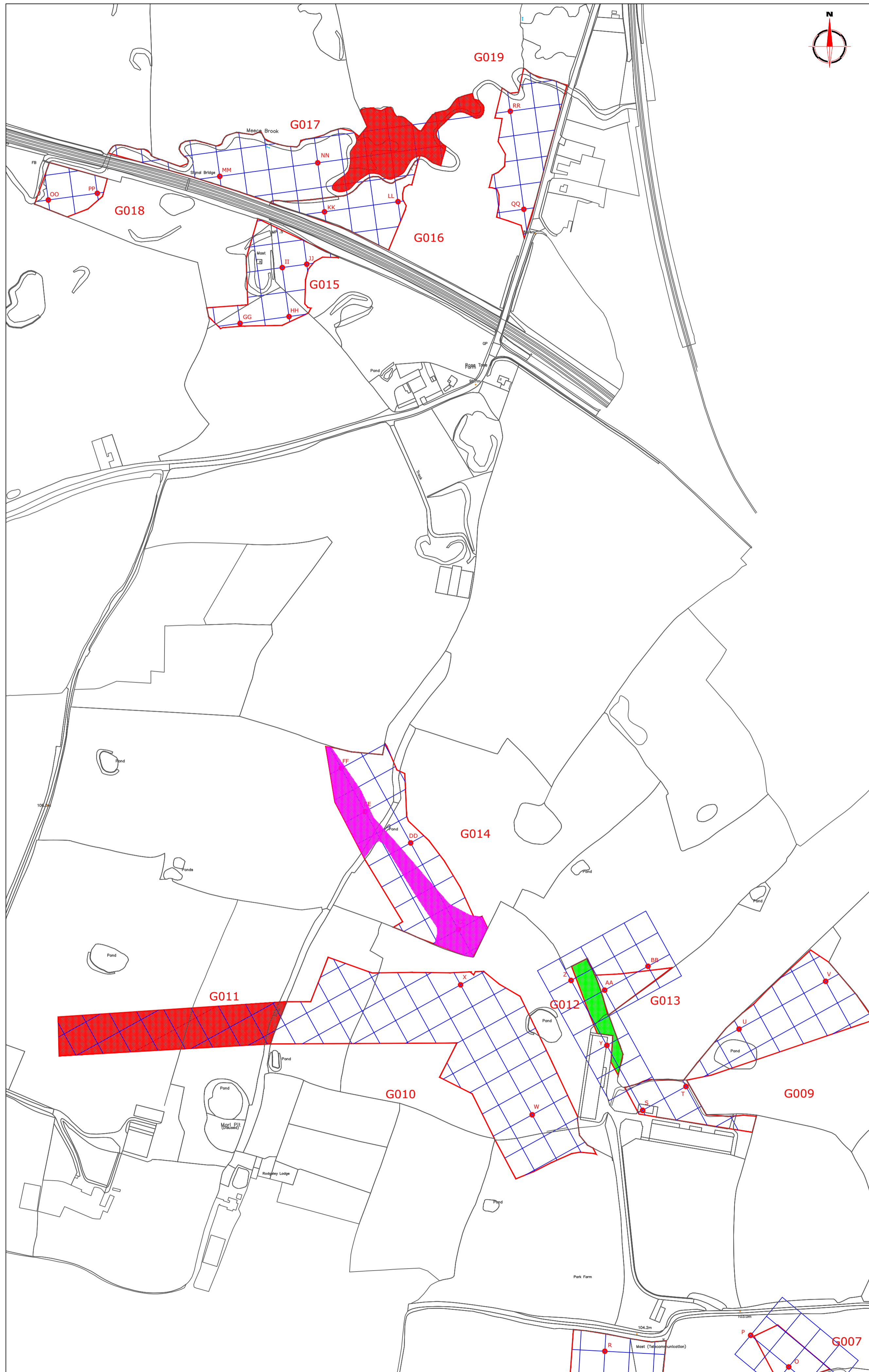
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Scale	1:3000
Plot	A1
Checked by	DGE
Issue No.	01
Date	AUG 2013
Drawn by	TR
Figure No.	01



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OS 100m square = SJ



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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KEY	
	No access to area
	Area unsurveyable - overgrown vegetation
	Area unsurveyable - excavation for pipe

OS REFERENCING INFORMATION	
S	386932.99, 329418.12
T	386985.54, 329447.07
U	387049.90, 329516.77
V	387155.00, 329574.67
W	386798.93, 329412.77
X	386712.08, 329570.42
Y	386889.56, 329496.95
Z	386846.14, 329575.77
AA	386886.89, 329563.97
BB	386939.44, 329592.93
CC	386709.40, 329637.45
DD	386651.50, 329742.56
EE	386596.27, 329780.64
FF	386567.32, 329833.19
GG	386444.51, 330372.87
HH	386503.94, 330381.08
II	386495.74, 330440.51
JJ	386525.46, 330444.61
KK	386546.97, 330508.15
LL	386636.13, 330520.45
MM	386419.90, 330551.18
NN	386538.77, 330567.59
OO	386211.87, 330522.48
PP	386271.31, 330530.68
QQ	386788.82, 330511.24
RR	386772.42, 330630.11
SS	387082.34, 331594.29
TT	387271.68, 331503.45

Job No.	J3362	Survey Date	AUG-OCT 2013
Client	ATKINS		
Project Title	NORTON BRIDGE, STAFFORDSHIRE		
Subject	SURVEY AREA & REFERENCING - G009 - G019 & G020		

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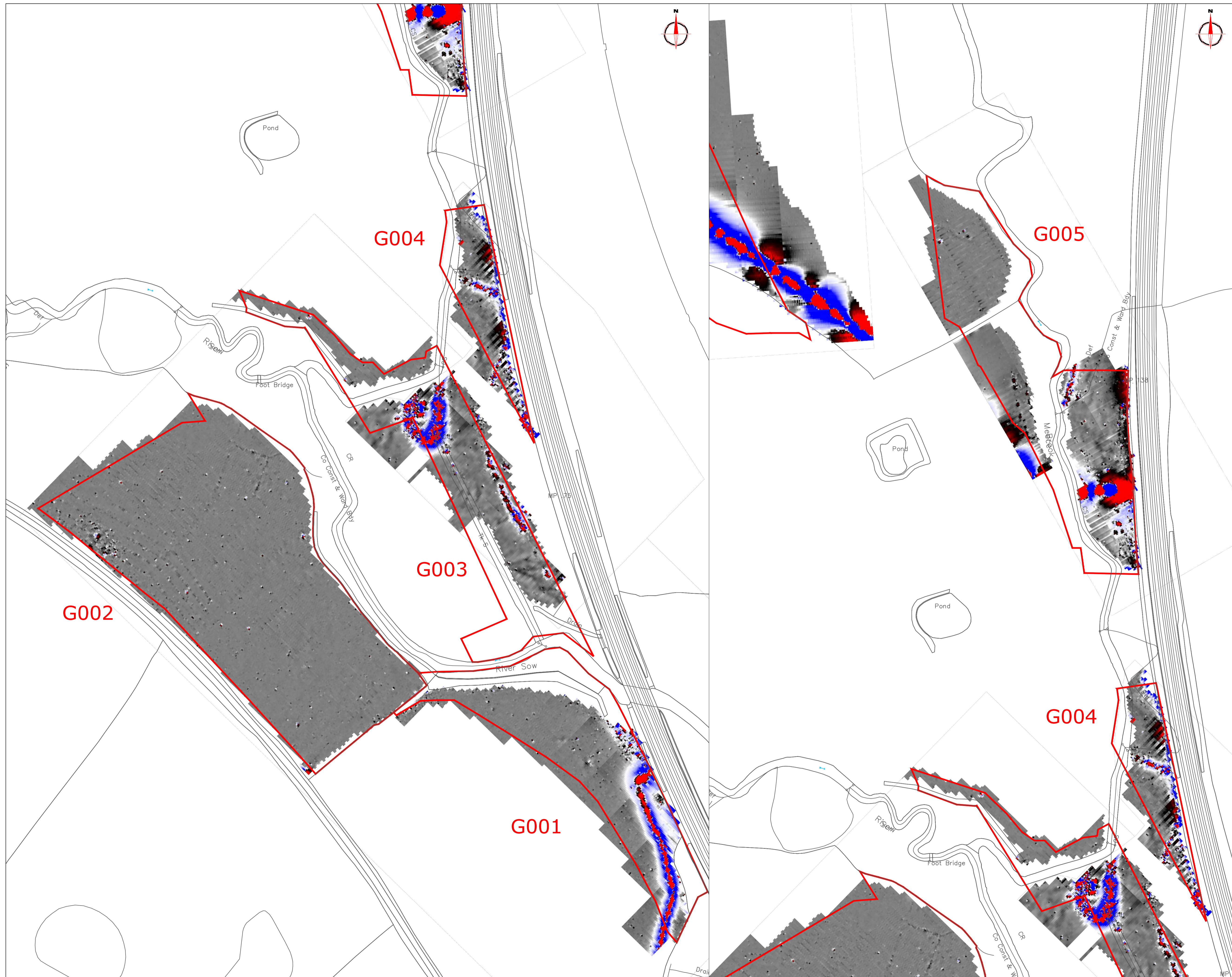
GPR ASSOCIATION

SUMO GROUP MEMBER

ISO 9001 certified
 ISO 14001 certified
 ISO 18001 certified

Scale 0m 30 60 90 120 150 180m
1:3000

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	02



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters

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

Job No.	J3362	Survey Date	AUG-OCT 2013
Client	ATKINS		
Project Title	NORTON BRIDGE, STAFFORDSHIRE		
Subject	COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - G001-G004 & G005		

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WR8 0SA www.stratascan.co.uk

GPR ASSOCIATION
SUMO GROUP MEMBER

Scale 1:1250
0m 10 20 30 40 50 60 70 80m

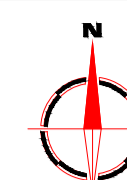
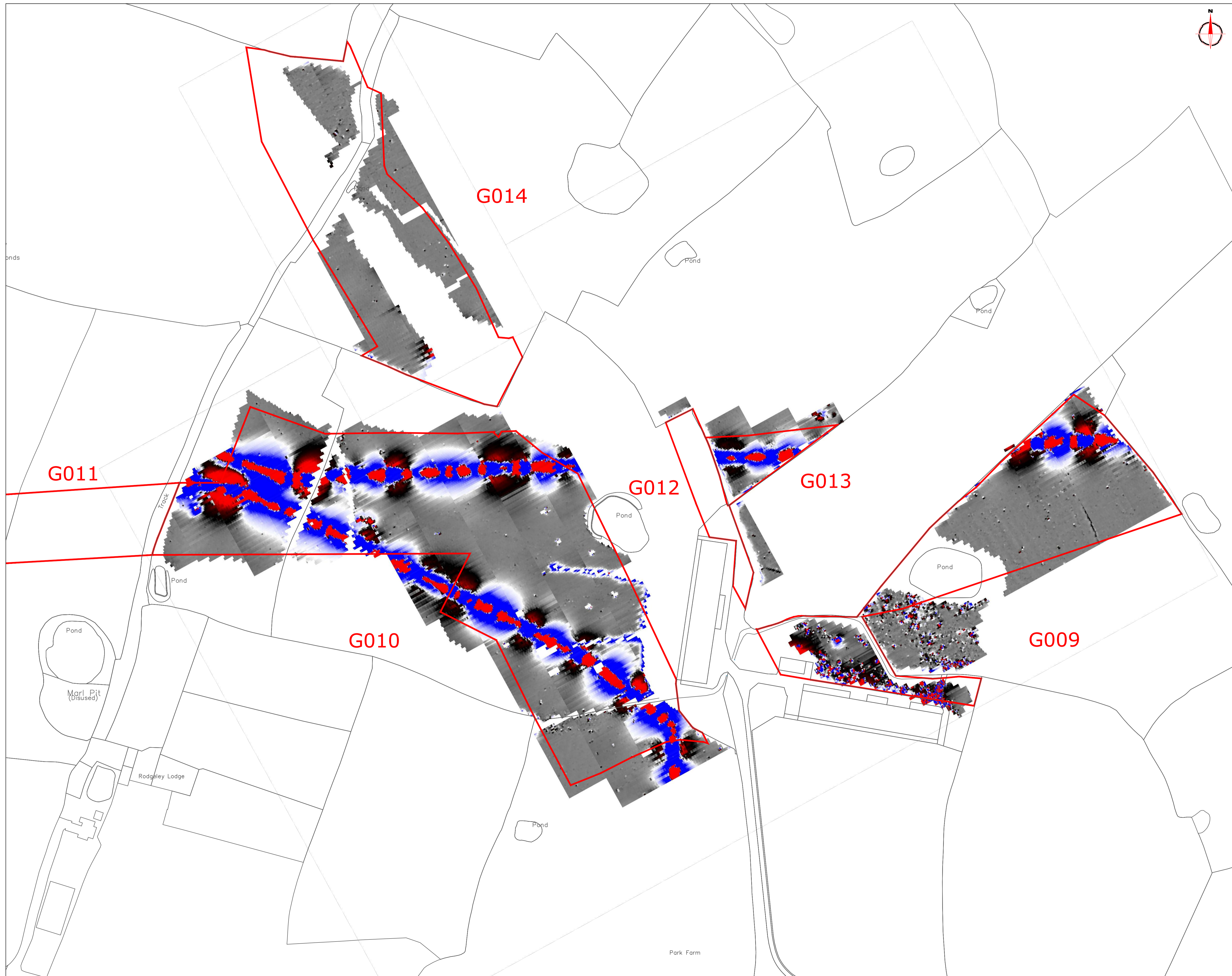
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Date	AUG 2013	Drawn by	TR	Figure No.	03



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters		
Maximum +100nT (red)		
Minimum -100nT (blue)		

Job No.	J3362	Survey Date	AUG-OCT 2013
Client	ATKINS		
Project Title	NORTON BRIDGE, STAFFORDSHIRE		
Subject	COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - G006-G008		
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE T: 01684 592266 UPTON UPON SEVERN E: info@stratascan.co.uk WR8 0SA www.stratascan.co.uk			
Scale	0m 10 20 30 40 50 60 70 80m		
1:1250			
Plot	A1	Checked by	DGE
Date	AUG 2013	Issue No.	01
		Figure No.	04



Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

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

Job No.	J3362	Survey Date	AUG-OCT 2013
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Client
ATKINS

Project Title
**NORTON BRIDGE,
STAFFORDSHIRE**

Subject
**COLOUR PLOT OF
GRADIOMETER DATA
SHOWING EXTREME VALUES -
G009-G014**

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SUMO GROUP MEMBER

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Scale 1:1250
0m 10 20 30 40 50 60 70 80m

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	05



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters		
Maximum +100nT (red)		
Minimum -100nT (blue)		

Job No.	J3362	Survey Date	AUG-OCT 2013
Client	ATKINS		
Project Title	NORTON BRIDGE, STAFFORDSHIRE		
Subject	COLOUR PLOT OF GRADIOMETER DATA SHOWING EXTREME VALUES - G015-G019 & G020		

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Scale 0m 10 20 30 40 50 60 70 80m
 1:1250

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	06



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters		+2nT
Maximum +2nT (black)		
Minimum -2nT (white)		
		-2nT

Job No.	Survey Date	
J3362	AUG-OCT 2013	
Client		
ATKINS		
Project Title		
NORTON BRIDGE, STAFFORDSHIRE		
Subject		
PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - G001-G004 & G005		
GEOPHYSICS FOR ARCHAEOLOGY AND ENGINEERING VINEYARD HOUSE T: 01684 592266 UPTON UPON SEVERN E: info@stratascan.co.uk WR8 0SA www.stratascan.co.uk		
Scale		
1:1250		
Plot	Checked by	Issue No.
A1	DGE	01
Date	Drawn by	Figure No.
AUG 2013	TR	07



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters

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

Job No. J3362 Survey Date AUG-OCT 2013

Client
ATKINS

Project Title
**NORTON BRIDGE,
STAFFORDSHIRE**

Subject
**PLOT OF MINIMALLY
PROCESSED GRADIOMETER
DATA - G006-G008**

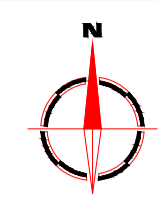
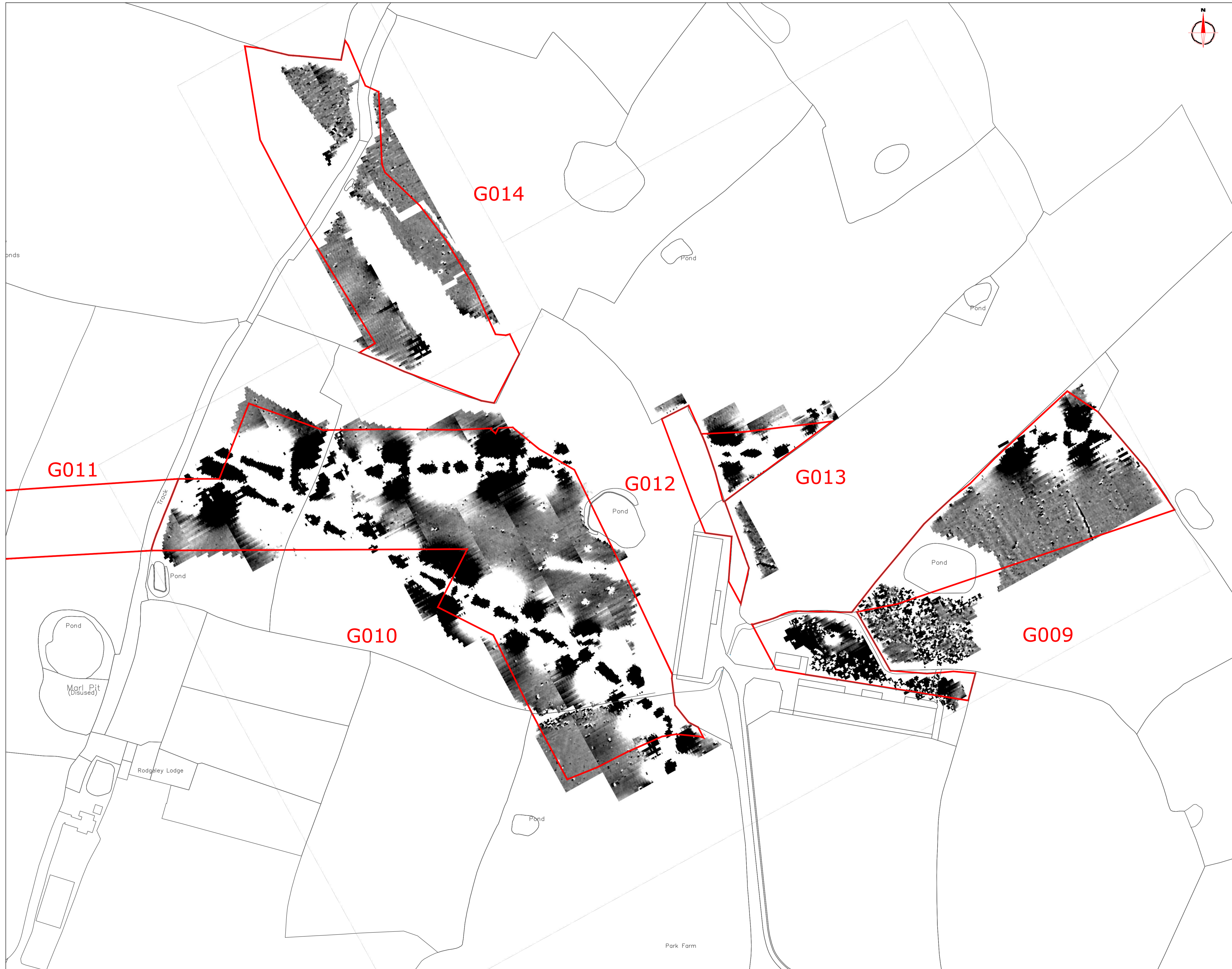
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Scale 0m 10 20 30 40 50 60 70 80m
1:1250

Plot A1	Checked by DGE	Issue No. 01
Date AUG 2013	Drawn by TR	Figure No. 08



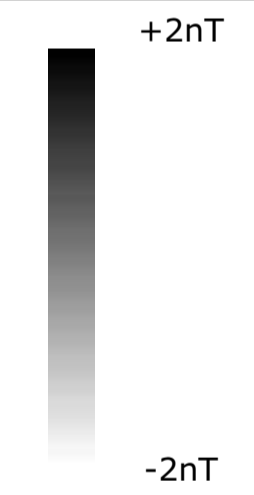
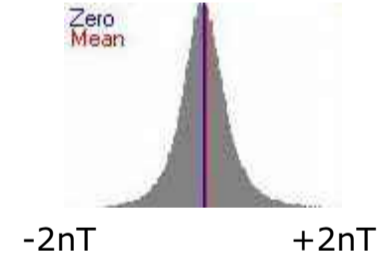
Amendments

Issue No.	Date	Description
-	-	-
-	-	-

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Plotting parameters

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



Job No. J3362 Survey Date AUG-OCT 2013

Client **ATKINS**

Project Title
**NORTON BRIDGE,
STAFFORDSHIRE**

Subject
**PLOT OF MINIMALLY
PROCESSED GRADIOMETER
DATA - G009-G014**

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Scale 1:1250
0m 10 20 30 40 50 60 70 80m

Plot A1	Checked by DGE	Issue No. 01
Date AUG 2013	Drawn by TR	Figure No. 09



Amendments		
Issue No.	Date	Description
-	-	-
-	-	-
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Plotting parameters		+2nT
Maximum +2nT (black)		[Color scale bar]
Minimum -2nT (white)		
-2nT	+2nT	-2nT

Job No.	J3362	Survey Date	AUG-OCT 2013
Client	ATKINS		
Project Title	NORTON BRIDGE, STAFFORDSHIRE		
Subject	PLOT OF MINIMALLY PROCESSED GRADIOMETER DATA - G015-G019 & G020		

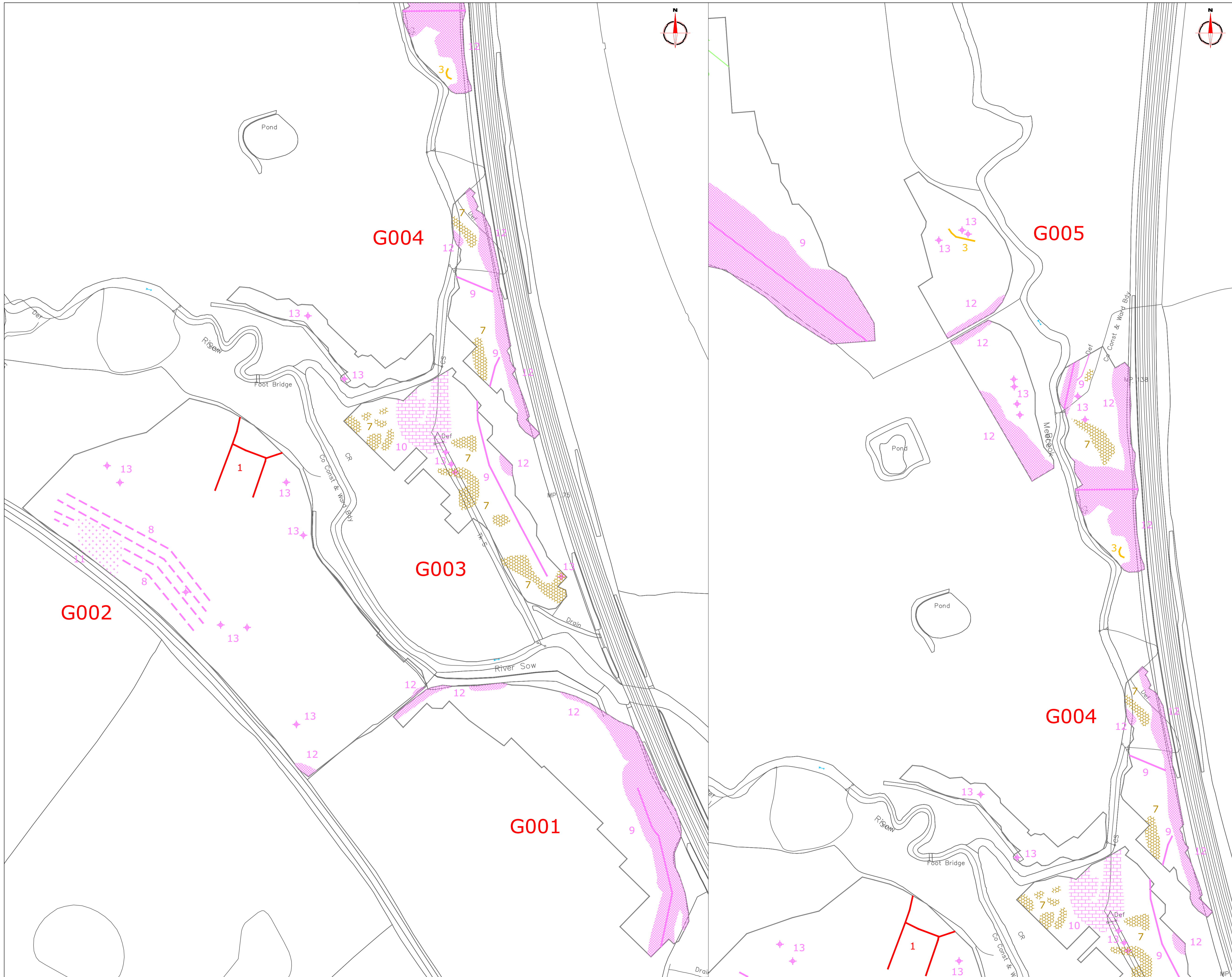
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Scale 0m 10 20 30 40 50 60 70 80m
 1:1250

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	10



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

Job No.	J3362	Survey Date	AUG-OCT 2013
Client			
ATKINS			
Project Title			
NORTON BRIDGE, STAFFORDSHIRE			
Subject			
INTERPRETATION - G001-G004 & G005			

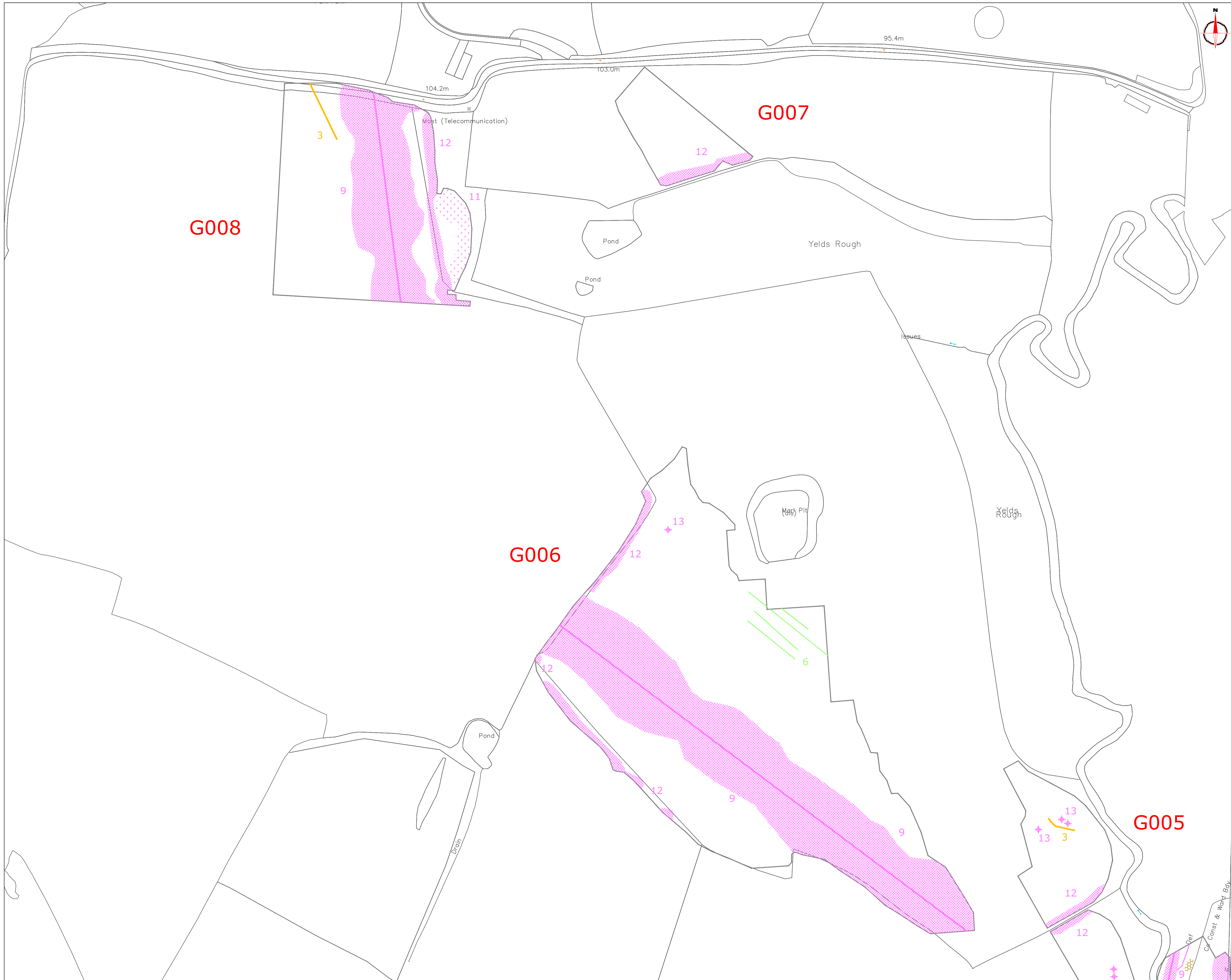
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Scale 1:1250
0m 10m 20m 30m 40m 50m 60m 70m 80m

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	11



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

Job No.	J3362	Survey Date	AUG-OCT 2013
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Client

ATKINS

Project Title

**NORTON BRIDGE,
STAFFORDSHIRE**

Subject

**INTERPRETATION -
G006-G008**

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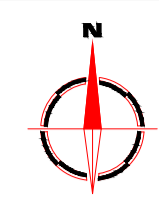
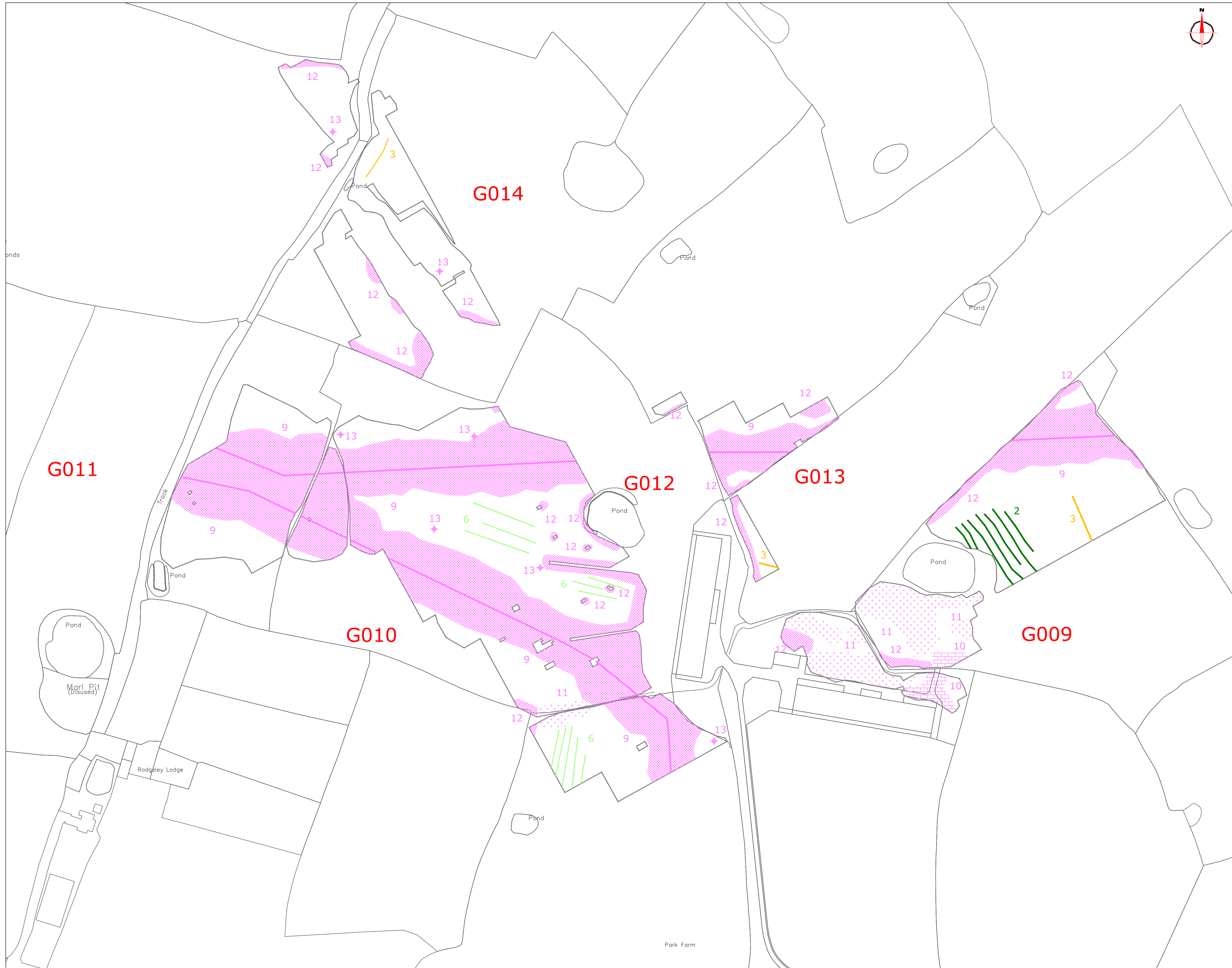
GPR ASSOCIATION

SUMO GROUP MEMBER

ISO 9001 certified
ISO 14001 certified

Scale 0m 10 20 30 40 50 60 70 80m
1:1250

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	12



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

Job No. J3362 Survey Date AUG-OCT 2013

Client

ATKINS

Project Title

**NORTON BRIDGE,
STAFFORDSHIRE**

Subject

**INTERPRETATION -
G009-G014**

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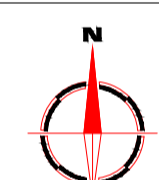
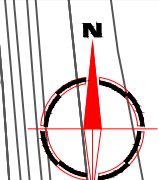
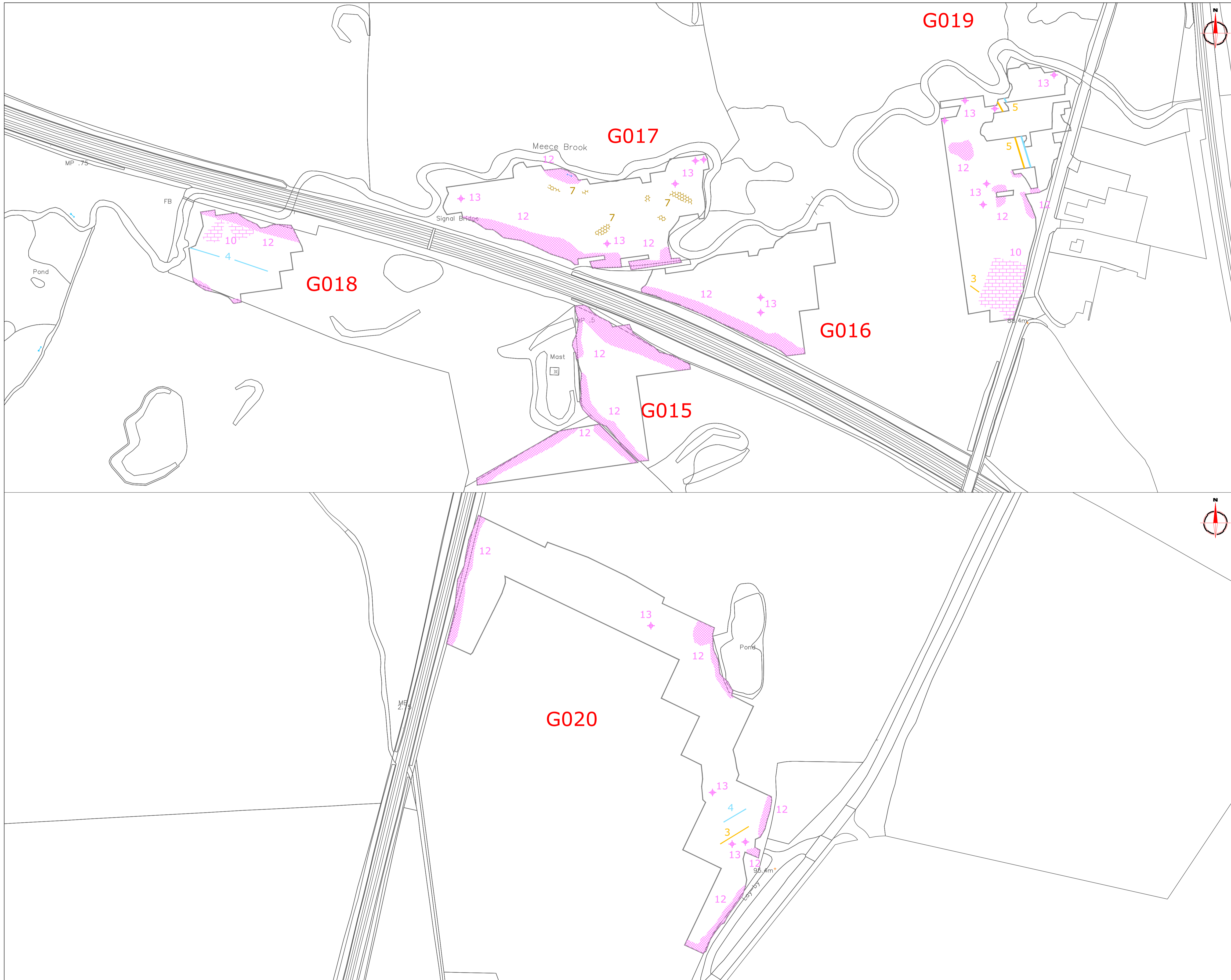
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WR8 0SA www.stratascan.co.uk



Scale 0m 10 20 30 40 50 60 70 80m
1:1250

Plot A1	Checked by DGE	Issue No. 01
Date AUG 2013	Drawn by TR	Figure No. 13



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

Job No.	J3362	Survey Date	AUG-OCT 2013
Client	ATKINS		

Project Title
NORTON BRIDGE, STAFFORDSHIRE

Subject
INTERPRETATION - G015-G019 & G020

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Scale 0m 10 20 30 40 50 60 70 80m
1:1250

Plot	A1	Checked by	DGE	Issue No.	01
Date	AUG 2013	Drawn by	TR	Figure No.	14