





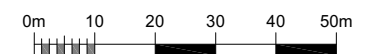


**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 19 south**

-  Positive linear anomaly - possible ditch-like feature
-  Linear anomaly - ridge and furrow
-  Magnetic debris - spread of magnetically thermoremanent/ferrous material
-  Magnetic disturbance from ferrous material
-  Strong multiple dipolar linear anomaly - pipeline / cable / service
-  Strong dipolar anomaly - ferrous object

SCALE 1:1250

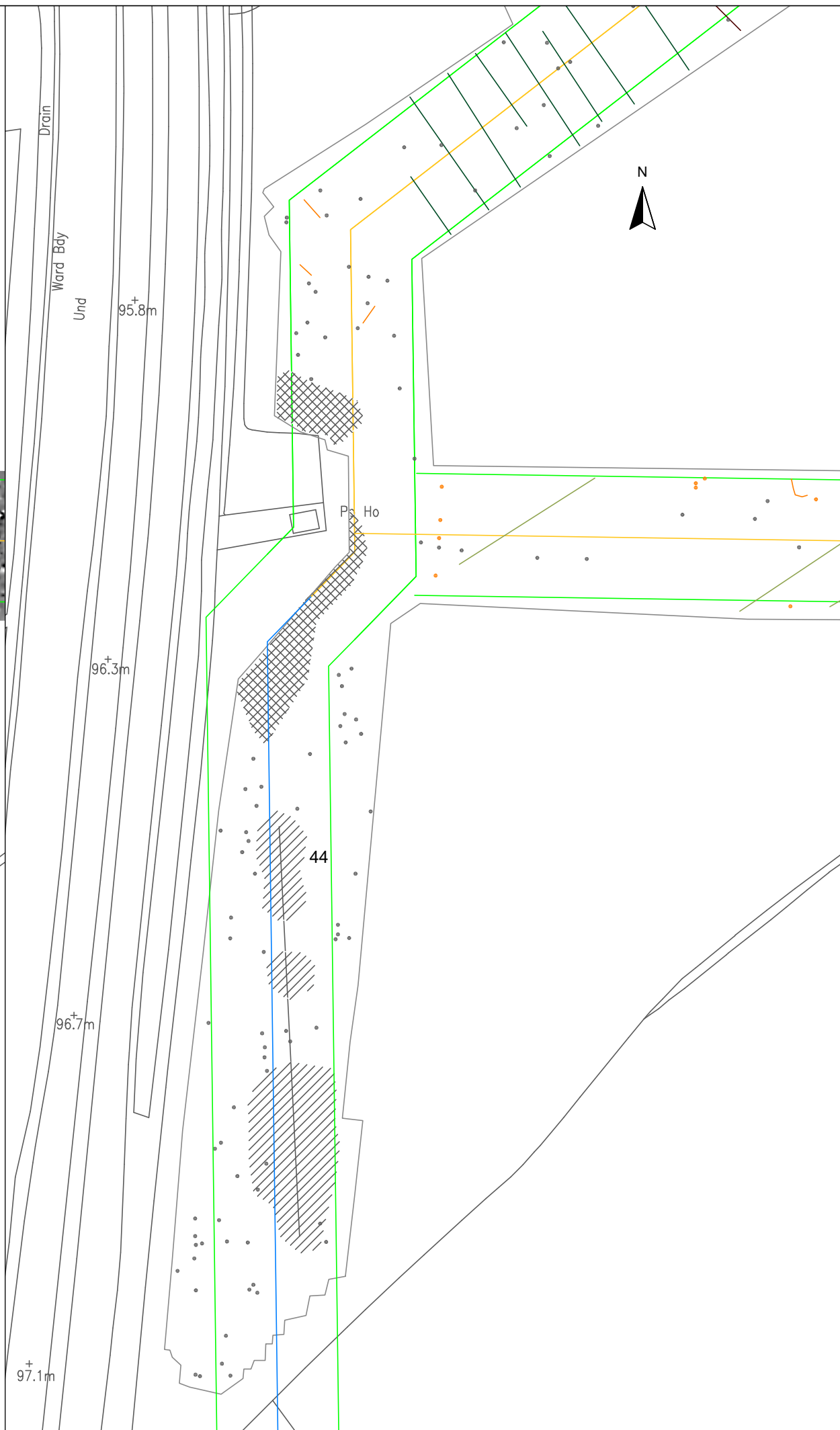
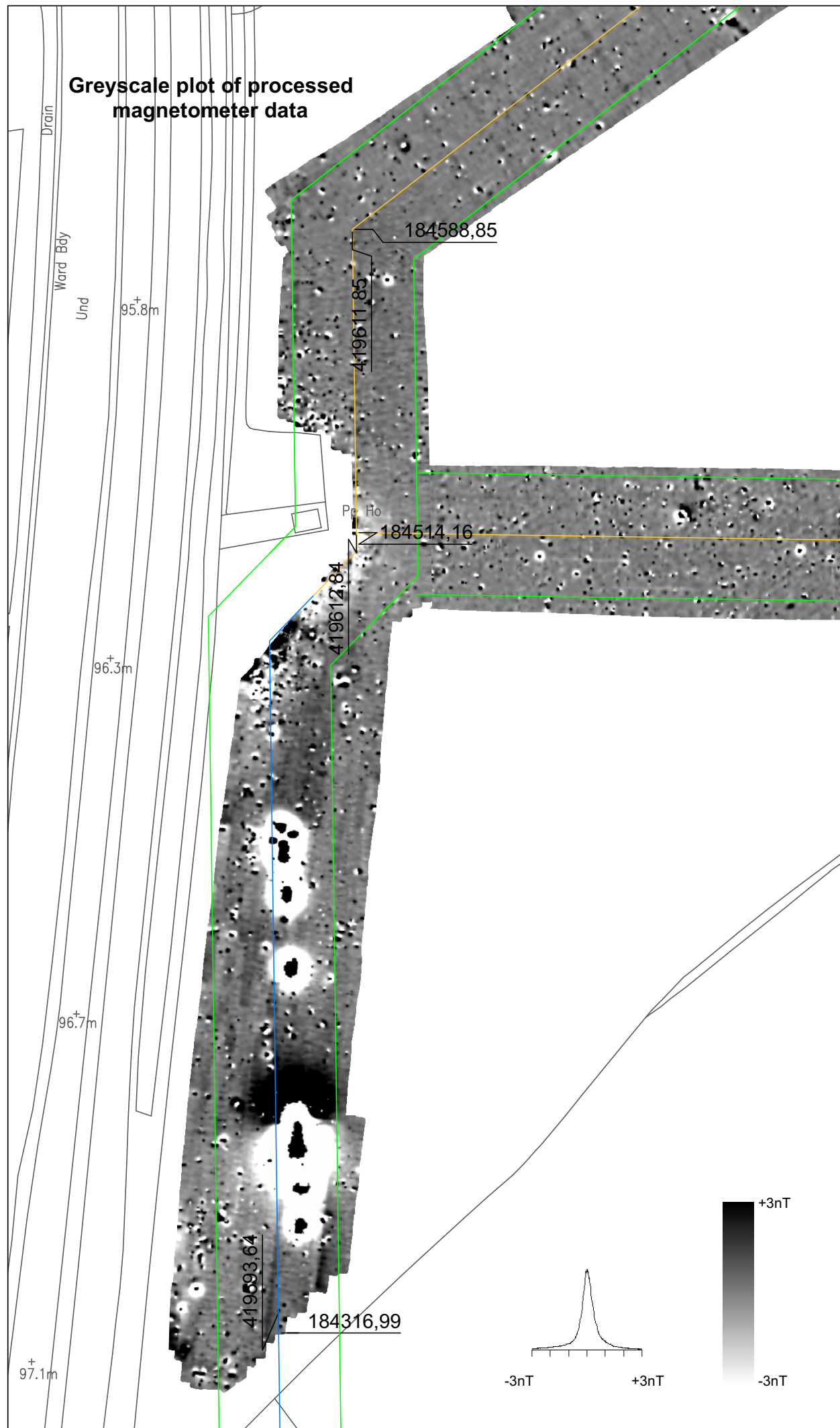


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


FIG 19

**Greyscale plot of processed
magnetometer data**



**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Areas 21 & 22**

-  Positive linear anomaly - possible ditch-like feature
-  Magnetic debris - spread of magnetically thermoremnant/ferrous material
-  Magnetic disturbance from ferrous material
-  Strong multiple dipolar linear anomaly - pipeline / cable / service
-  Strong dipolar anomaly - ferrous object

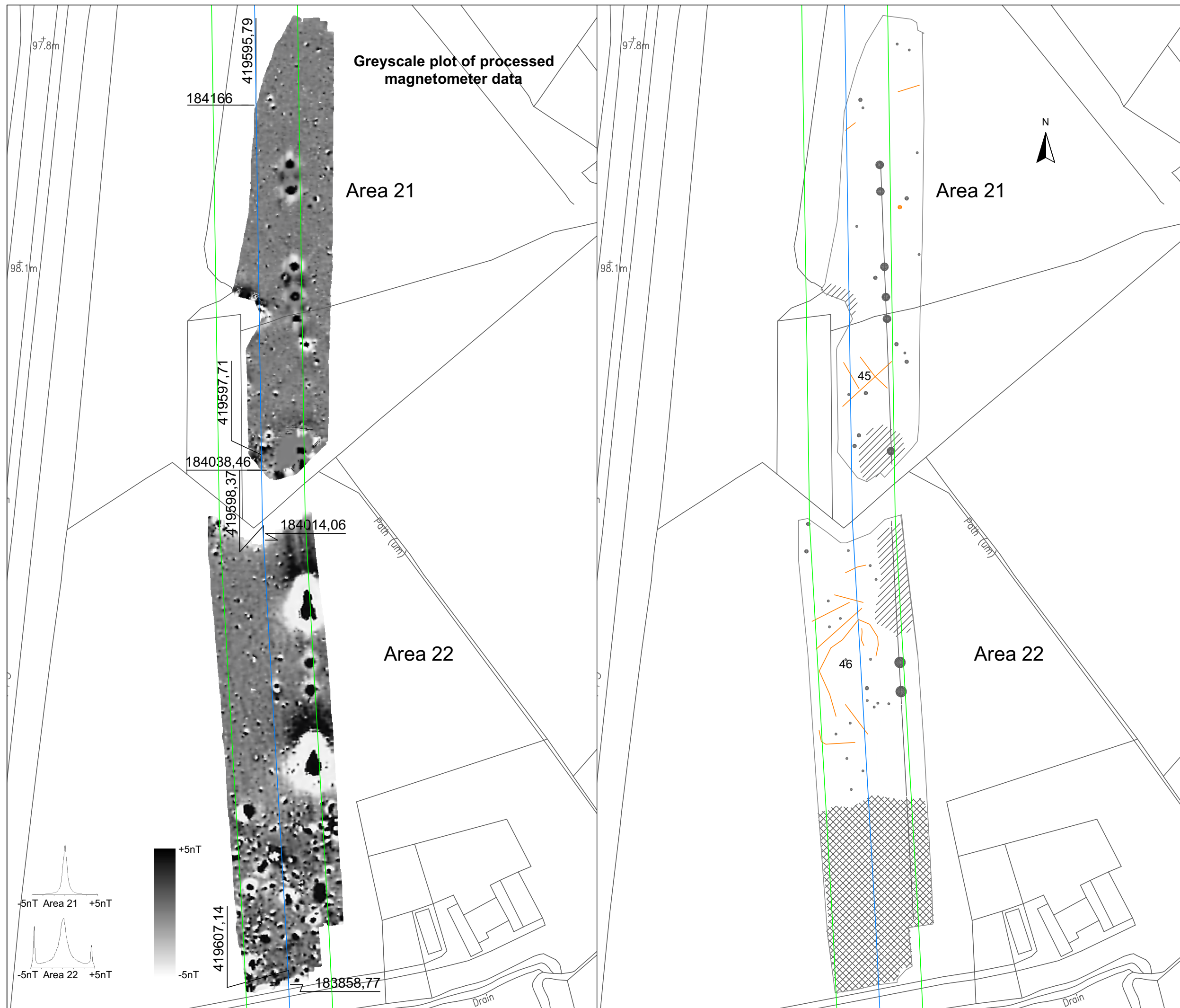
SCALE 1:1250



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FIG 20



Greyscale plot of processed magnetometer data

Area 21

Area 21

Area 22

Area 22



-5nT Area 21 +5nT

-5nT Area 22 +5nT

Drain

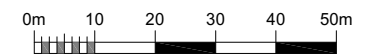
Drain

**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Areas 24 & 25**

- Positive linear anomaly - cut feature of archaeological potential
- Positive linear anomaly - possible ditch-like feature
- Linear anomaly - ridge and furrow
- Discrete positive response - cut feature of archaeological potential
- Discrete positive response - possible pit-like feature
- Magnetic disturbance from ferrous material
- Strong multiple dipolar linear anomaly - pipeline / cable / service
- Strong dipolar anomaly - ferrous object

SCALE 1:1250



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FIG 21

Greyscale plot of processed
magnetometer data

Area 24

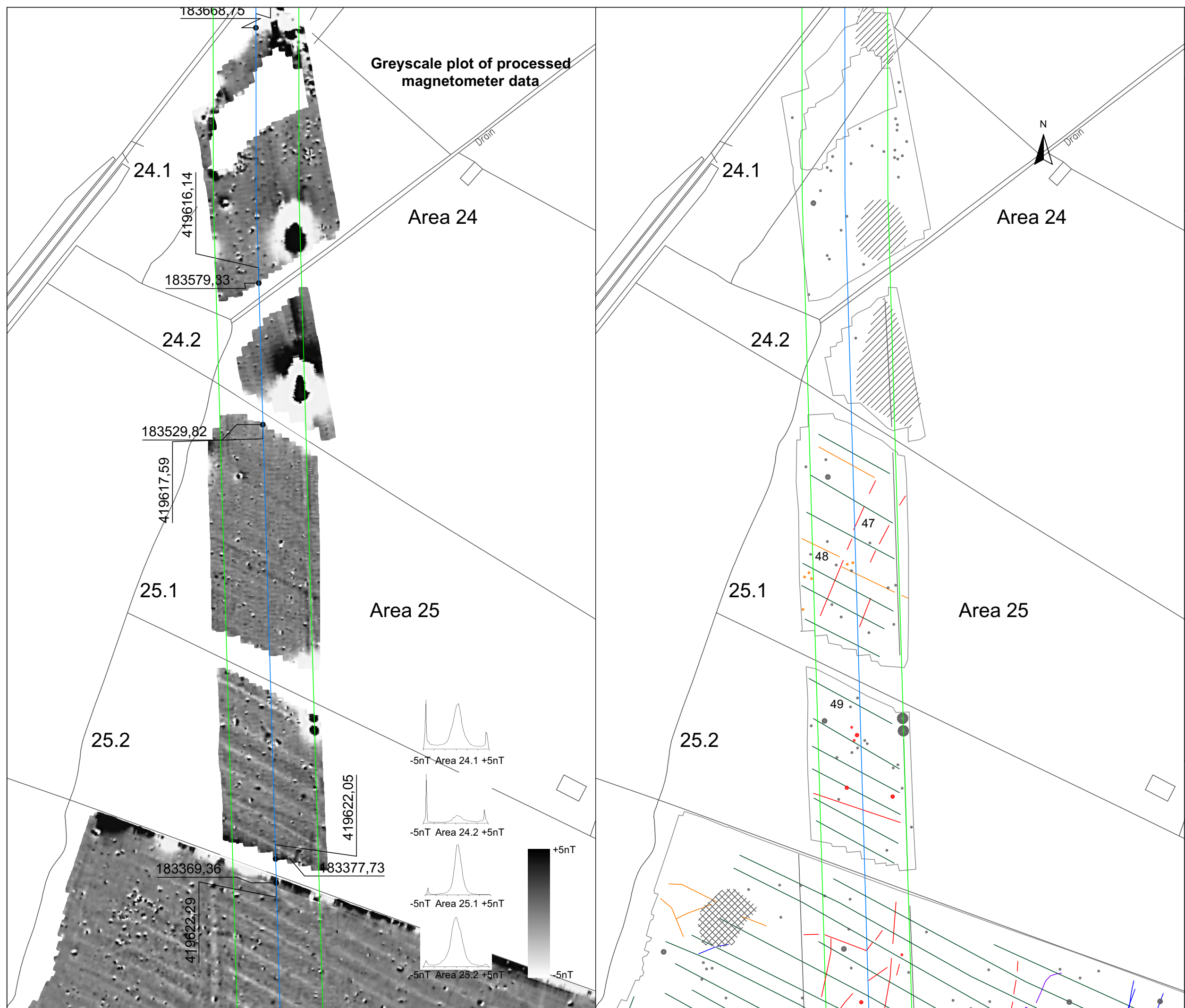
Area 25

-5nT Area 24.1 +5nT

-5nT Area 24.2 +5nT

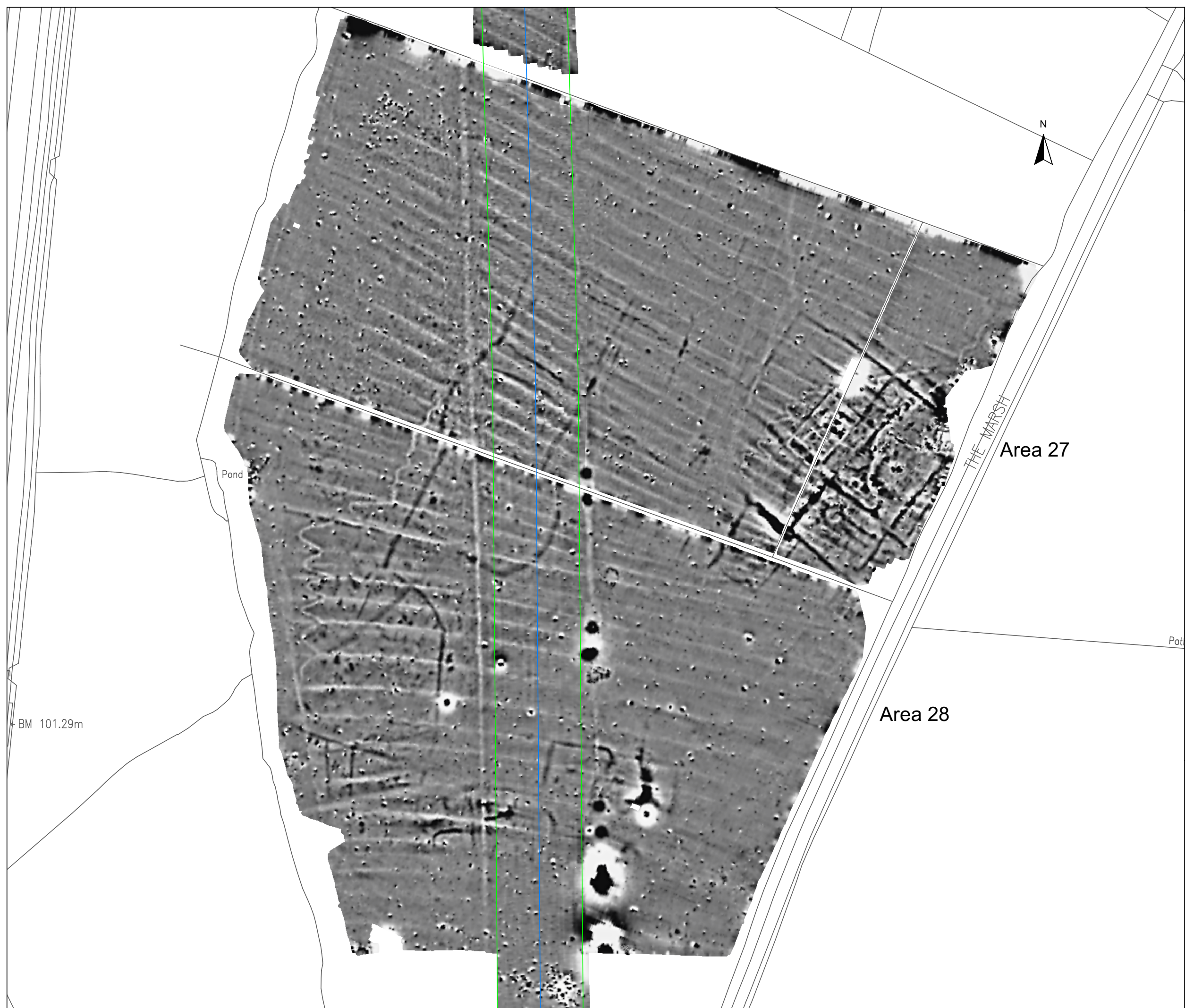
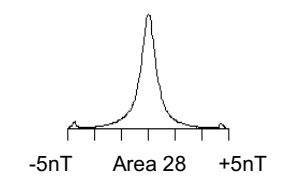
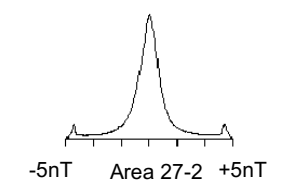
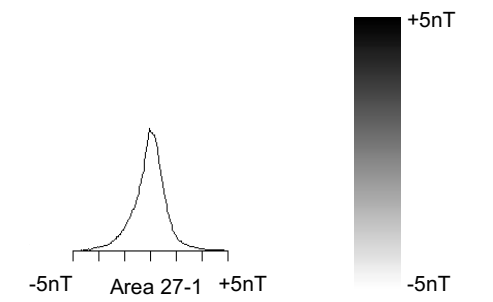
-5nT Area 25.1 +5nT

-5nT Area 25.2 +5nT

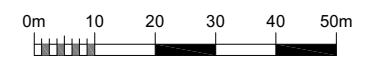


**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Greyscale plot of minimally
processed magnetometer data -
Phase 3 Areas 27 & 28 north**



SCALE 1:1250
















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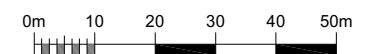
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**Geophysical Survey
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(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Areas 27 & 28**

-  Positive linear anomaly - cut feature of archaeological potential
-  Positive rectilinear/curvilinear anomaly - enclosure ditch
-  Positive curvilinear anomaly - possible ring ditch
-  Negative linear anomaly - structural remains of archaeological potential
-  Linear anomaly - ridge and furrow
-  Positive linear anomaly - possible ditch-like feature
-  Negative linear anomaly - material of low magnetic susceptibility
-  Discrete positive response - cut feature of archaeological potential
-  Discrete positive response - possible pit-like feature
-  Magnetic debris - spread of magnetically thermoremanent/ferrous material
-  Magnetic disturbance from ferrous material
-  Strong multiple dipolar linear anomaly - pipeline / cable / service
-  Strong dipolar anomaly - ferrous object

SCALE 1:1250














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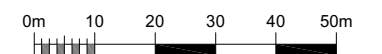


Geophysical Survey Axford & Ogbourne Licence Reduction Scheme (Axford Pipeline)

Abstraction and interpretation of magnetometer anomalies - Phase 3 Area 28 south

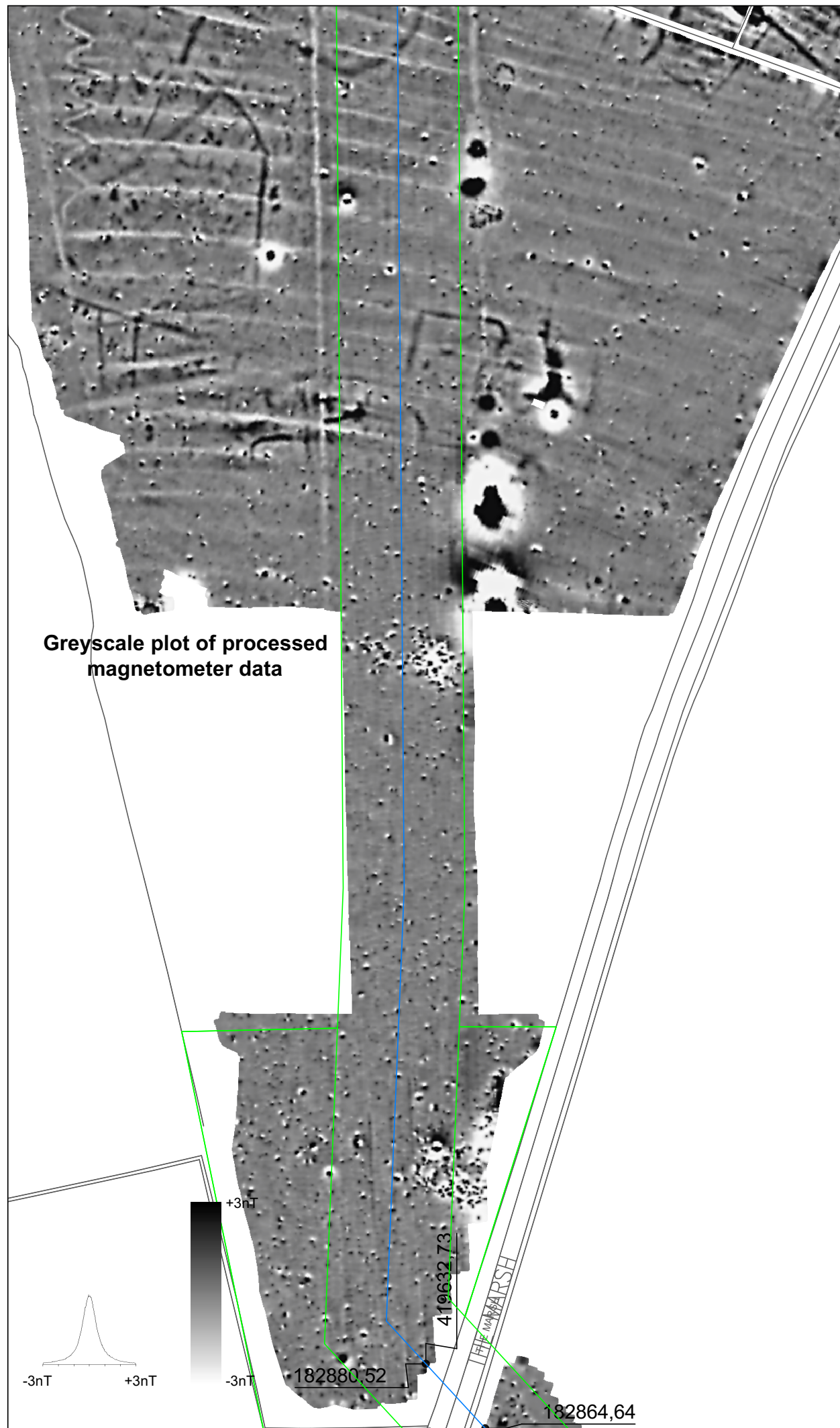
-  Positive linear anomaly - cut feature of archaeological potential
-  Positive rectilinear/curvilinear anomaly - enclosure ditch
-  Positive curvilinear anomaly - possible ring ditch
-  Positive linear anomaly - possible ditch-like feature
-  Linear anomaly - ridge and furrow
-  Negative linear anomaly - material of low magnetic susceptibility
-  Discrete positive response - cut feature of archaeological potential
-  Discrete positive response - possible pit-like feature
-  Magnetic debris - spread of magnetically thermoremnant/ferrous material
-  Magnetic disturbance from ferrous material
-  Strong dipolar anomaly - ferrous object

SCALE 1:1250

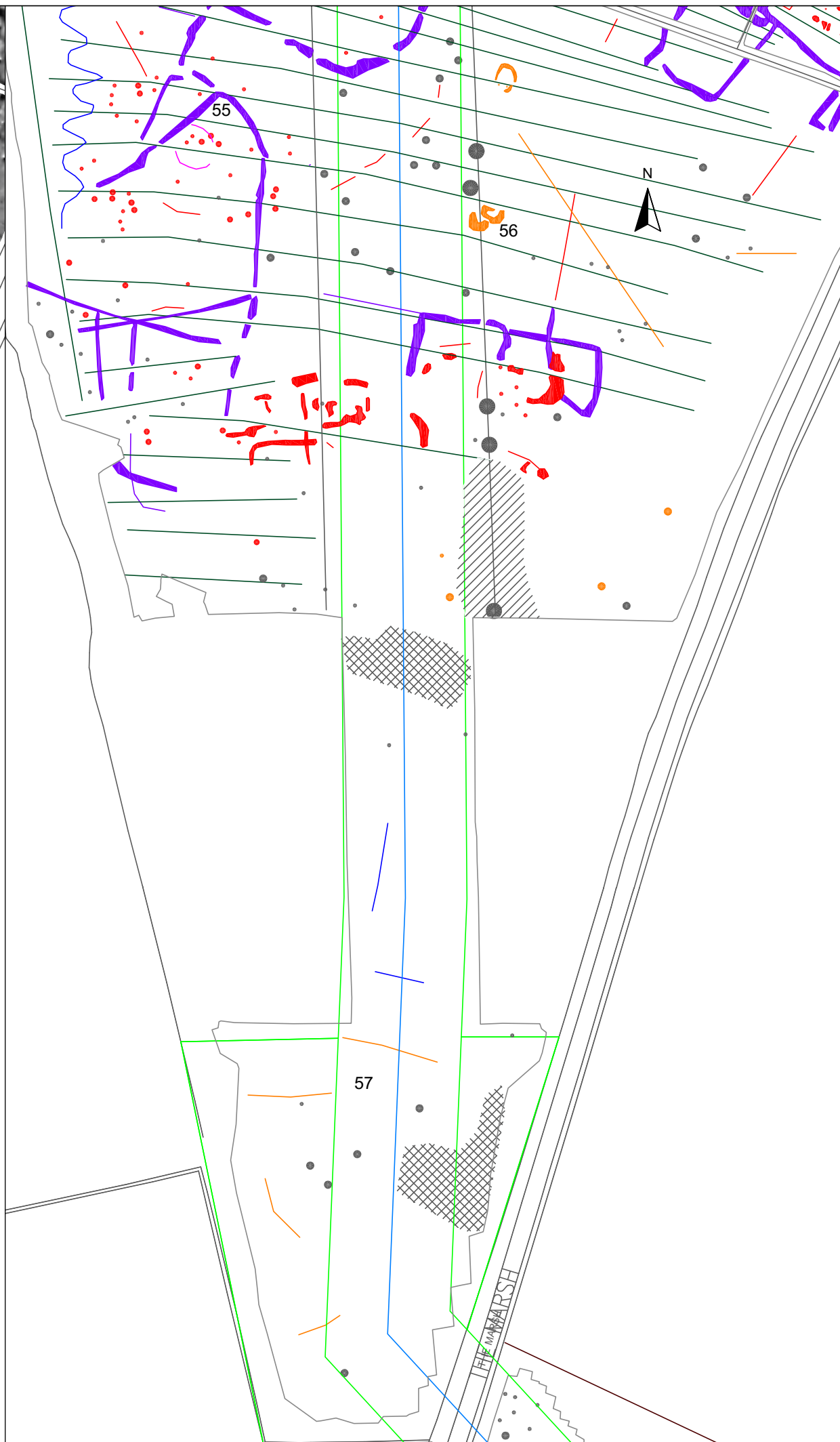


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Greyscale plot of processed magnetometer data



-3nT +3nT

+3nT

-3nT

419632.73

182880.52

182864.64

55






56

57

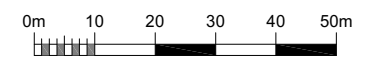


**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 29 & Area 30 north**

-  Positive linear anomaly - possible ditch-like feature
-  Weakly positive response - of possible natural origin
-  Magnetic disturbance from ferrous material
-  Strong multiple dipolar linear anomaly - pipeline / cable / service
-  Strong dipolar anomaly - ferrous object

SCALE 1:1250







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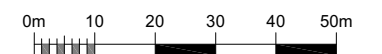


**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 30 south**

-  Positive linear anomaly - possible ditch-like feature
-  Weakly positive response - of possible natural origin
-  Magnetic disturbance from ferrous material
-  Strong dipolar anomaly - ferrous object

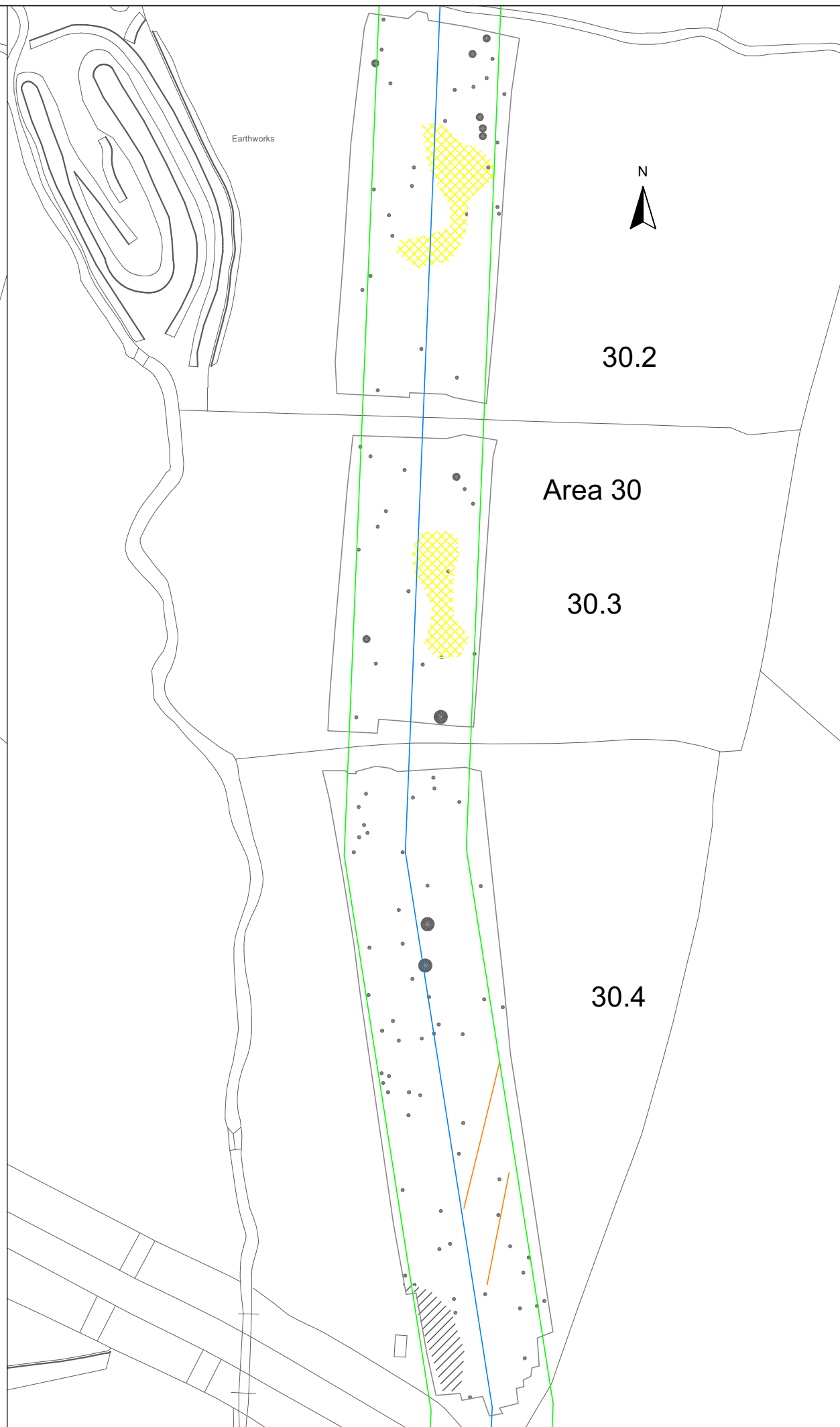
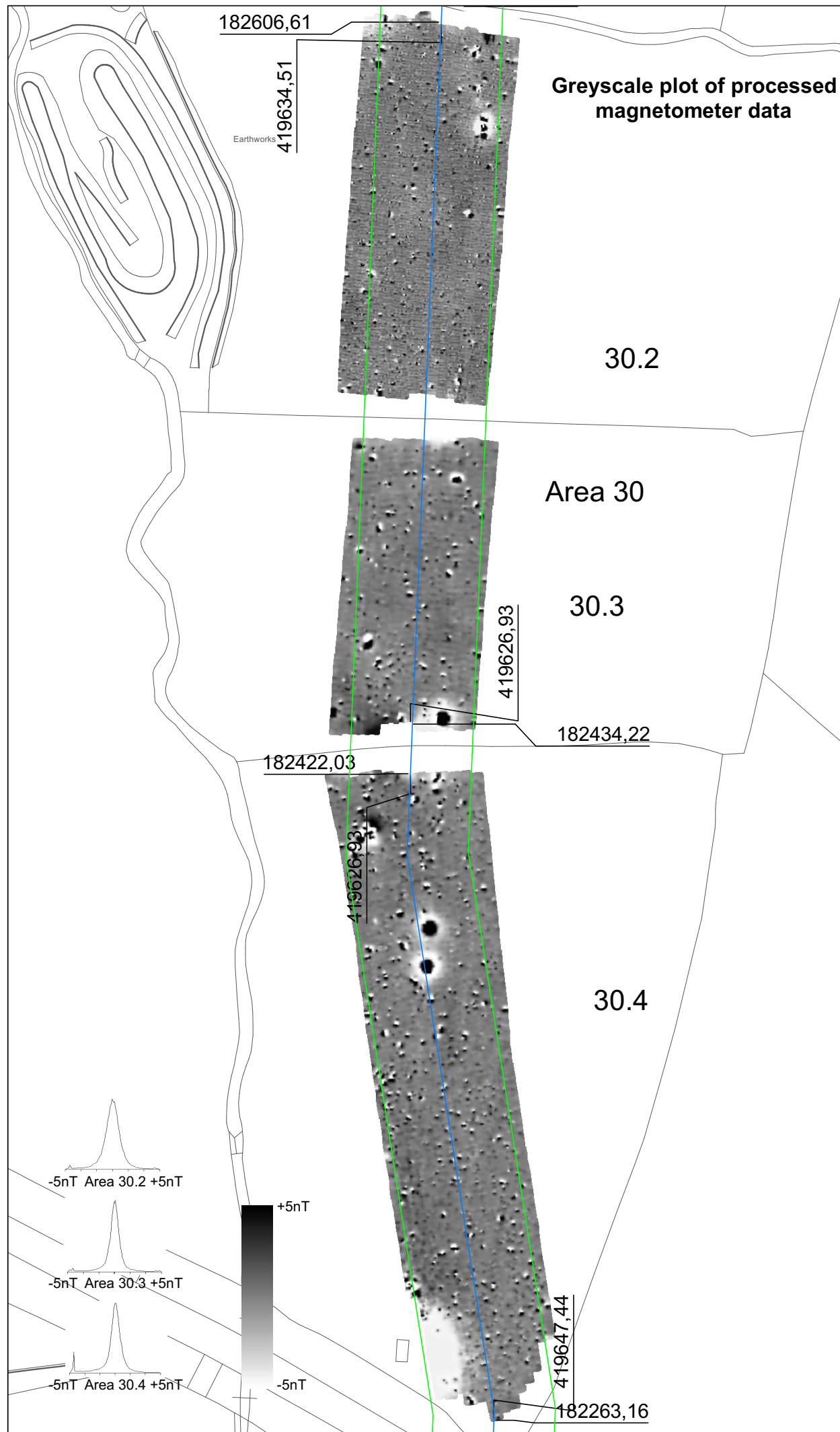
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FIG 26



**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 31 north**

-  Positive linear anomaly - cut feature of archaeological potential
-  Positive linear anomaly - possible ditch-like feature
-  Discrete positive response - possible pit-like feature
-  Weakly positive anomaly - of possible natural origin
-  Strong dipolar anomaly - ferrous object

Greyscale plot of processed magnetometer data

182220,63

419645,63

B 4192

Area 31



-5nT +5nT



B 4192

Area 31

60

58

SCALE 1:1250








SCALE TRUE AT A3

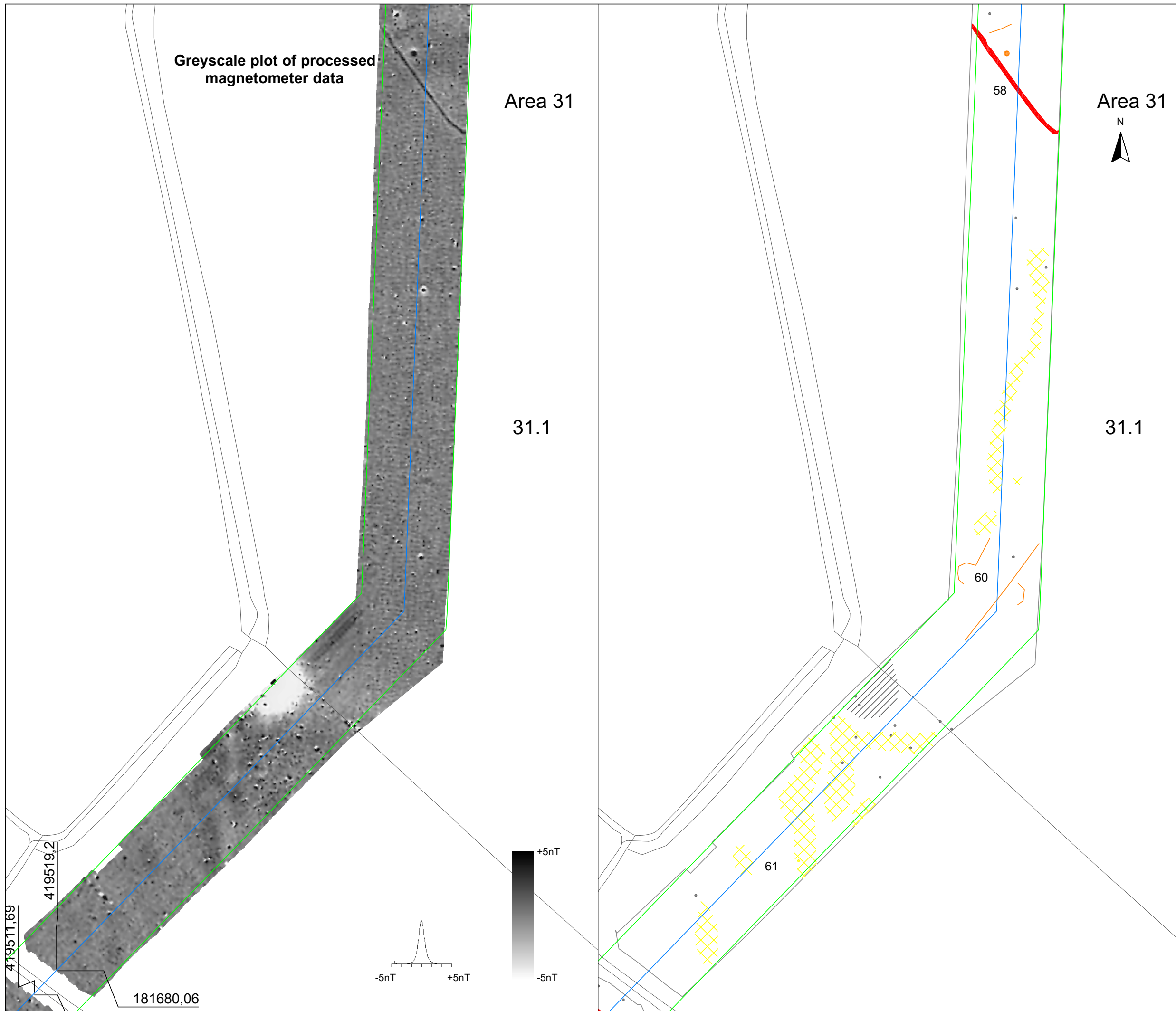
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FIG 27

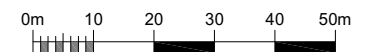
**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 31 centre**

-  Positive linear anomaly - cut feature of archaeological potential
-  Positive linear anomaly - possible ditch-like feature
-  Weakly positive anomaly - of natural origin
-  Magnetic disturbance from ferrous material
-  Strong dipolar anomaly - ferrous object



SCALE 1:1250



SCALE TRUE AT A3

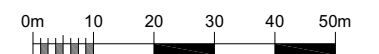
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**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 31 south**

- Positive linear anomaly - cut feature of archaeological potential
- Positive linear anomaly - possible ditch-like feature
- Discrete positive response - possible pit-like feature
- Strong dipolar anomaly - ferrous object

SCALE 1:1250

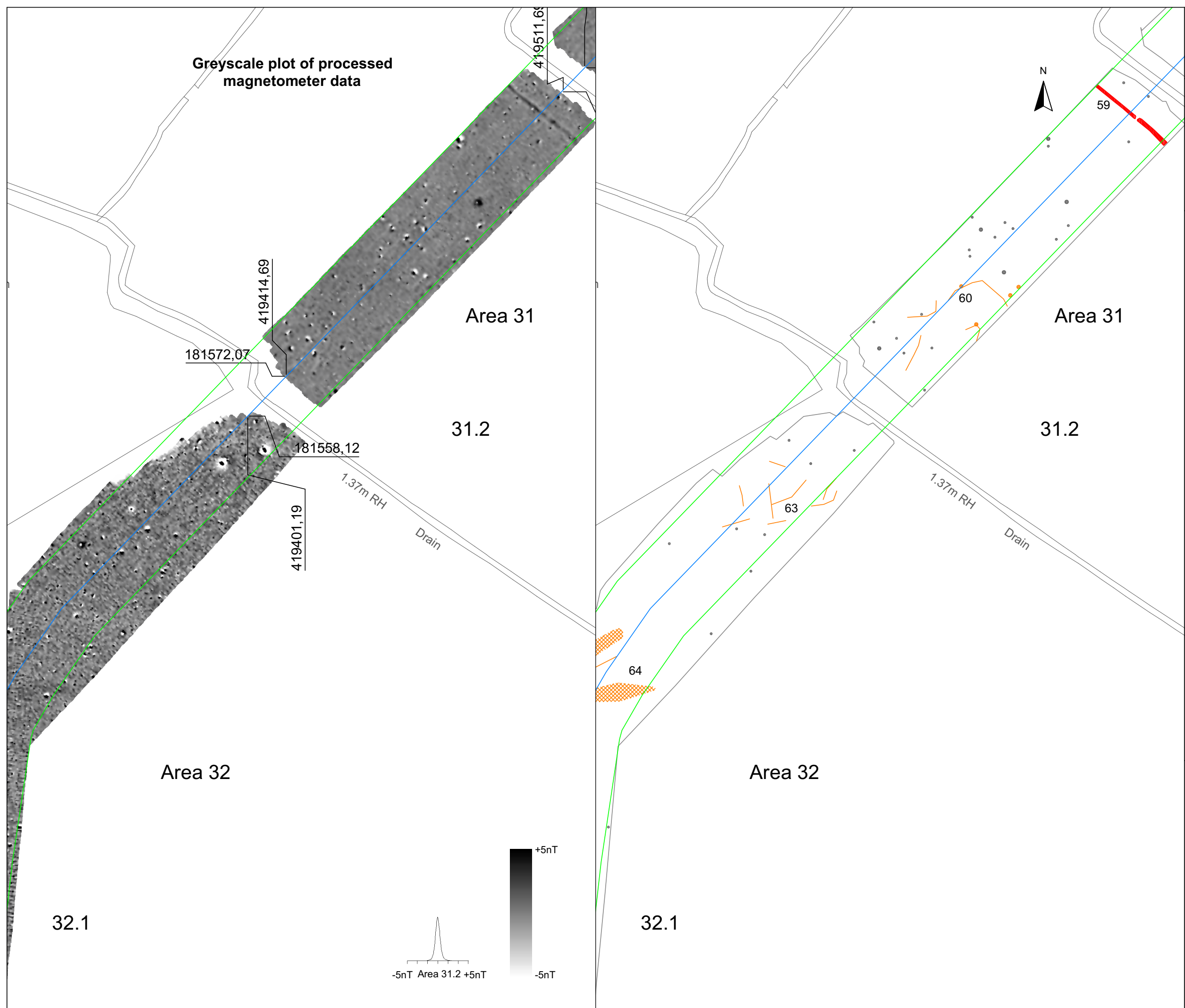


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FIG 29

Greyscale plot of processed
magnetometer data



419414,69

181572,07

181558,12

419401,19

1.37m RH

Drain

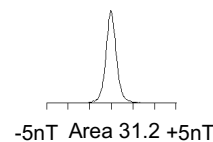
Area 31

31.2

Area 32

32.1

+5nT



-5nT Area 31.2 +5nT

-5nT



59

Area 31

31.2

60

63

64

1.37m RH








Drain

Area 32

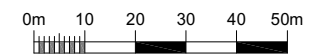
32.1

**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 32 north**

-  Positive linear anomaly - cut feature of archaeological potential
-  Positive linear anomaly - possible ditch-like feature
-  Positive linear anomaly - former field boundary
-  Negative linear anomaly - material of low magnetic susceptibility
-  Discrete positive response - possible pit-like feature
-  Positive anomaly - magnetically enhanced material
-  Strong dipolar anomaly - ferrous object

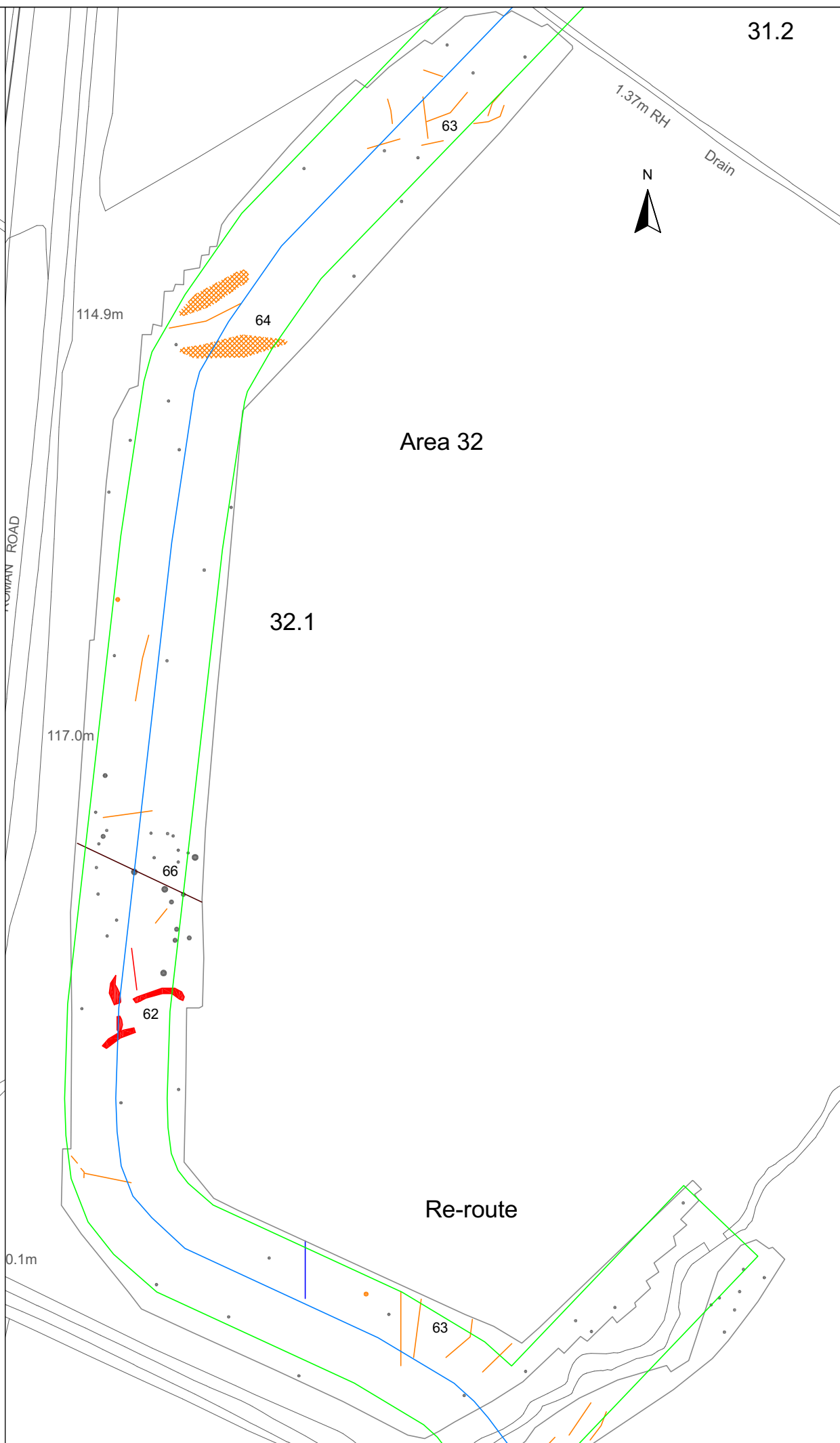
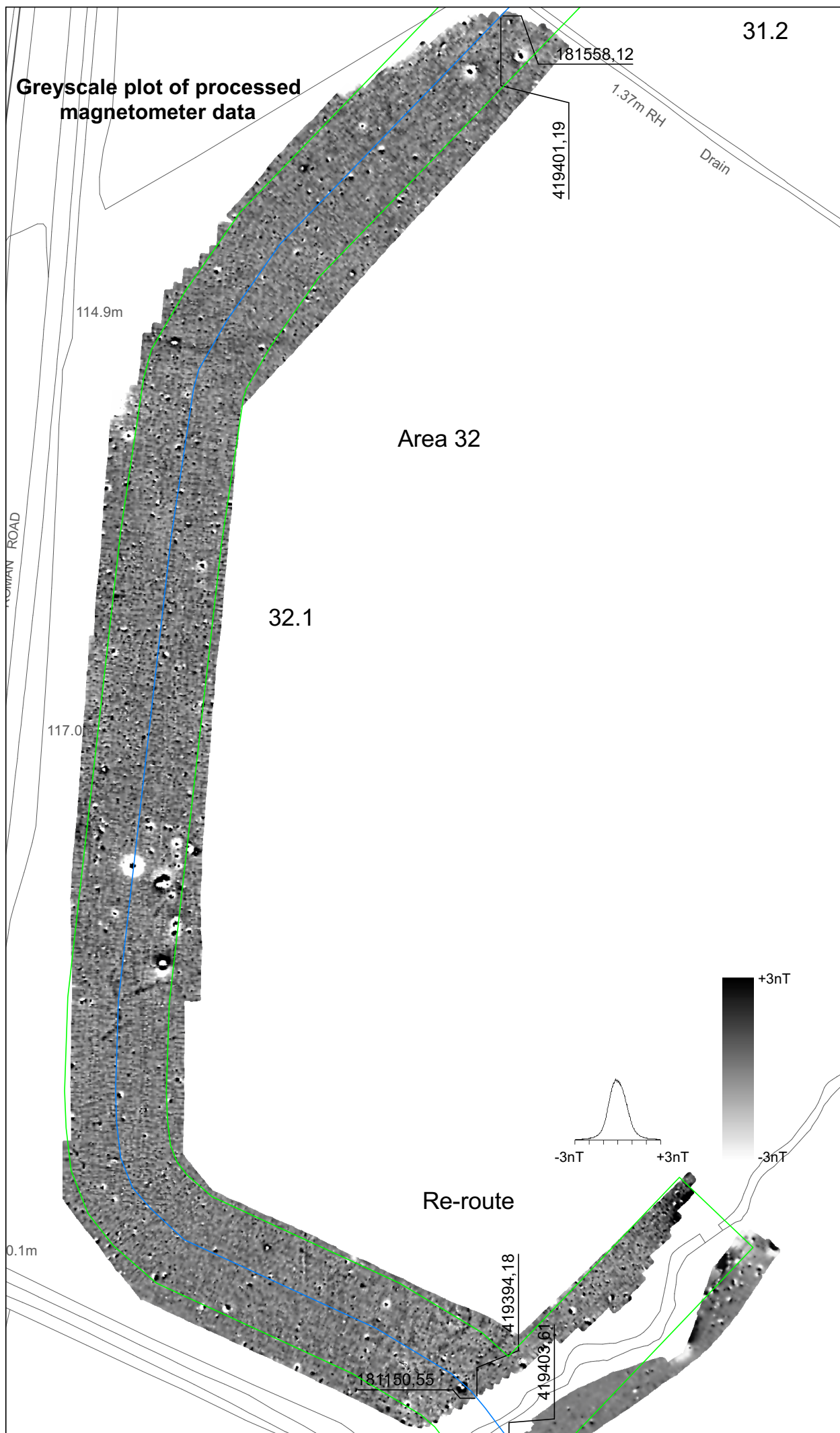
SCALE 1:1500



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FIG 30

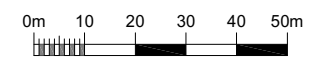


**Geophysical Survey
Axford & Ogbourne
Licence Reduction Scheme
(Axford Pipeline)**

**Abstraction and interpretation of
magnetometer anomalies -
Phase 3 Area 32 south**

-  Positive linear anomaly - possible ditch-like feature
-  Positive linear anomaly - possible land drain
-  Positive / dipolar linear anomaly - former field boundary
-  Magnetic debris - spread of magnetically thermoremanent/ferrous material
-  Strong dipolar anomaly - ferrous object

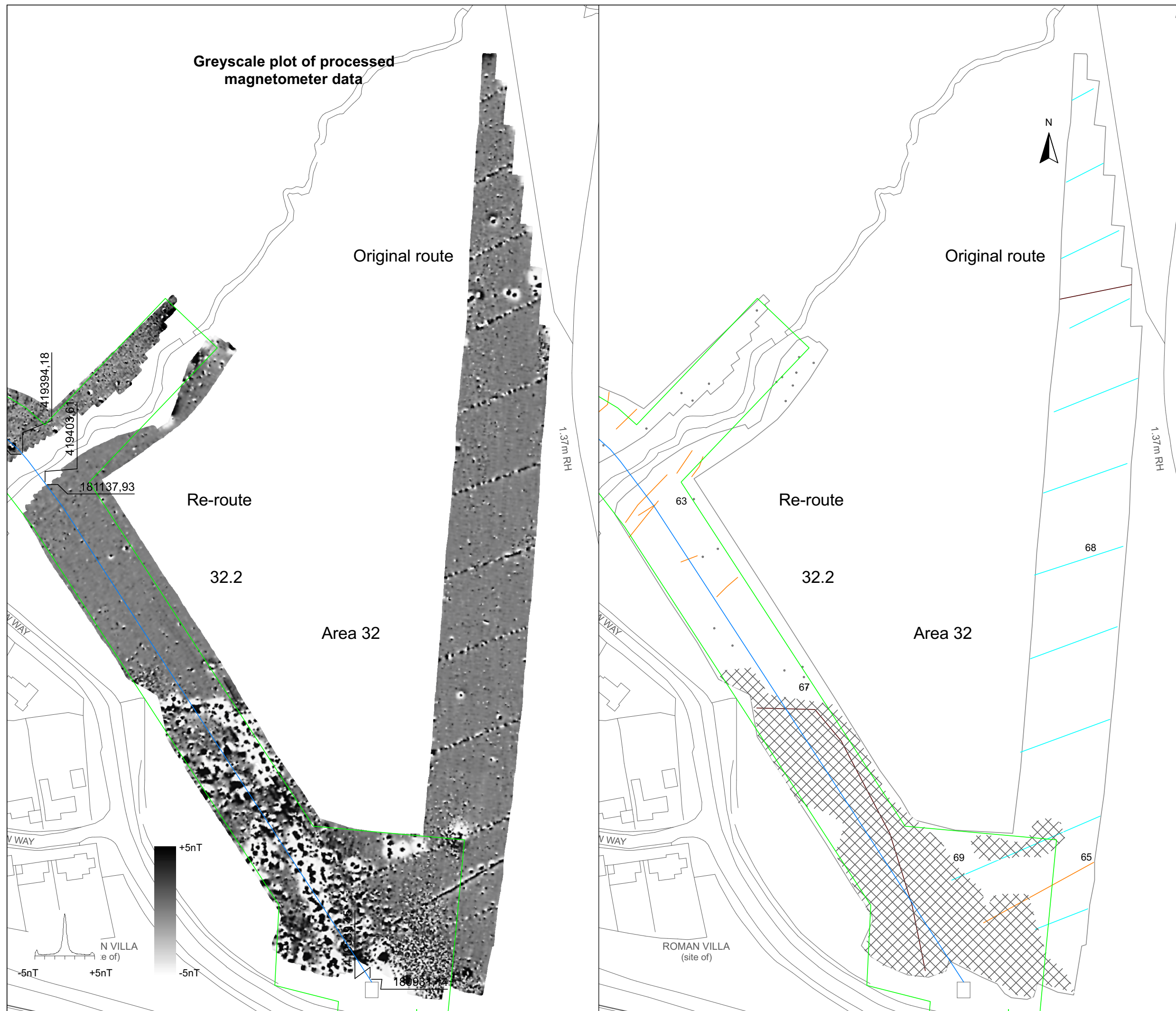
SCALE 1:1500



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FIG 31



Greyscale plot of processed magnetometer data

Original route

Re-route

32.2

Area 32

+5nT

-5nT

+5nT

-5nT



Original route

Re-route

32.2

Area 32

ROMAN VILLA
(site of)

1.37m RH

1.37m RH

419394,18
419403,61
181137,93

180931,14

63

67

68

69

65

W WAY

V WAY

W WAY

V WAY