

Green Hill Solar Farm

EN010170

Environmental Statement

Appendix 12.4: Archaeological

Geophysical Survey Reports

Revision A

(Part 6 of 10)

Prepared by: Lanpro
Date: November 2025

Document Reference: EX1/GH6.3.12.4_A
APFP Regulation 5(2)(a)



Schedule of Changes

Revision	Section Reference	Description of Changes	Reason for Revision
A	[cover]	Updated document reference to Revision A	Updated survey results (see Parts 8-10 of 10).



Title

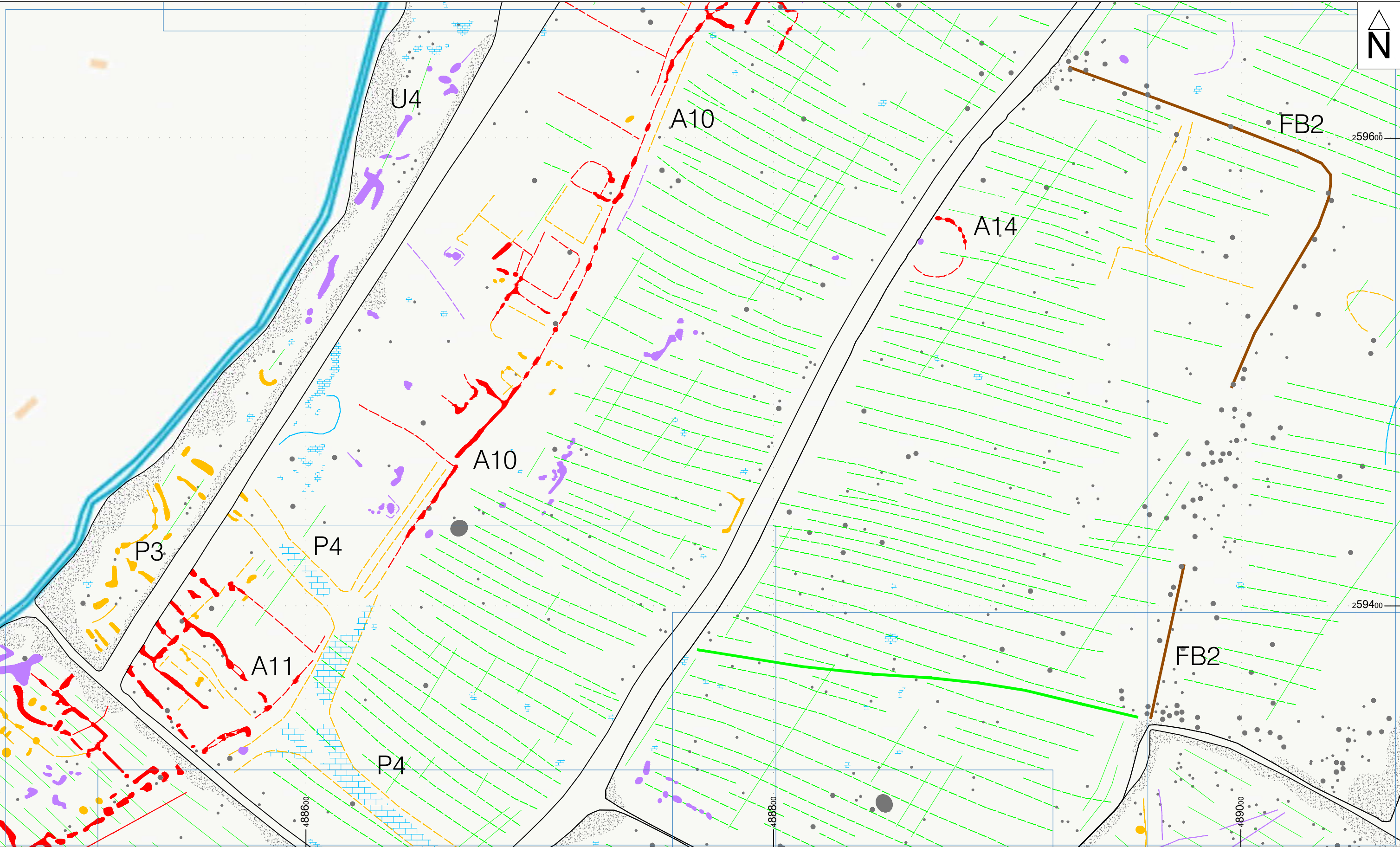
SECTOR BOUNDARY

15.0 nT/cm

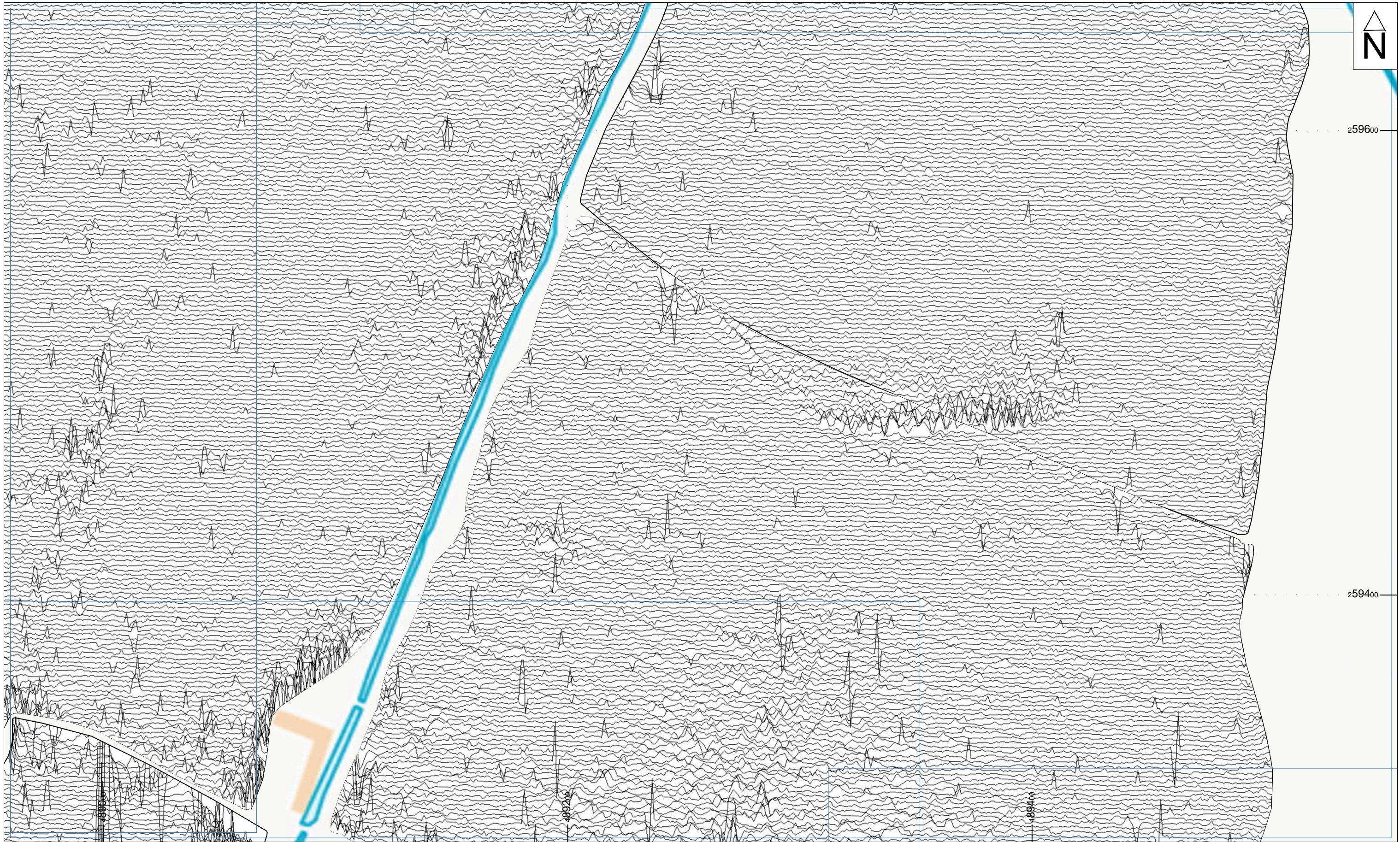
0 50m

1:1500 @ A3

Fig. 27



Title		Interpretation					
	SECTOR BOUNDARY		FERROUS		AGRICULTURAL		UNCERTAIN
	MAGNETIC DISTURBANCE		FORMER FIELD BOUNDARY		ARCHAEOLOGY?		ARCHAEOLOGY
	RIDGE & FURROW		GEOLOGY				





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Project ID: XK77_EXG23 Area F

XY trace plot of minimally processed magnetometer data;
Sector 9

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Fig. 30

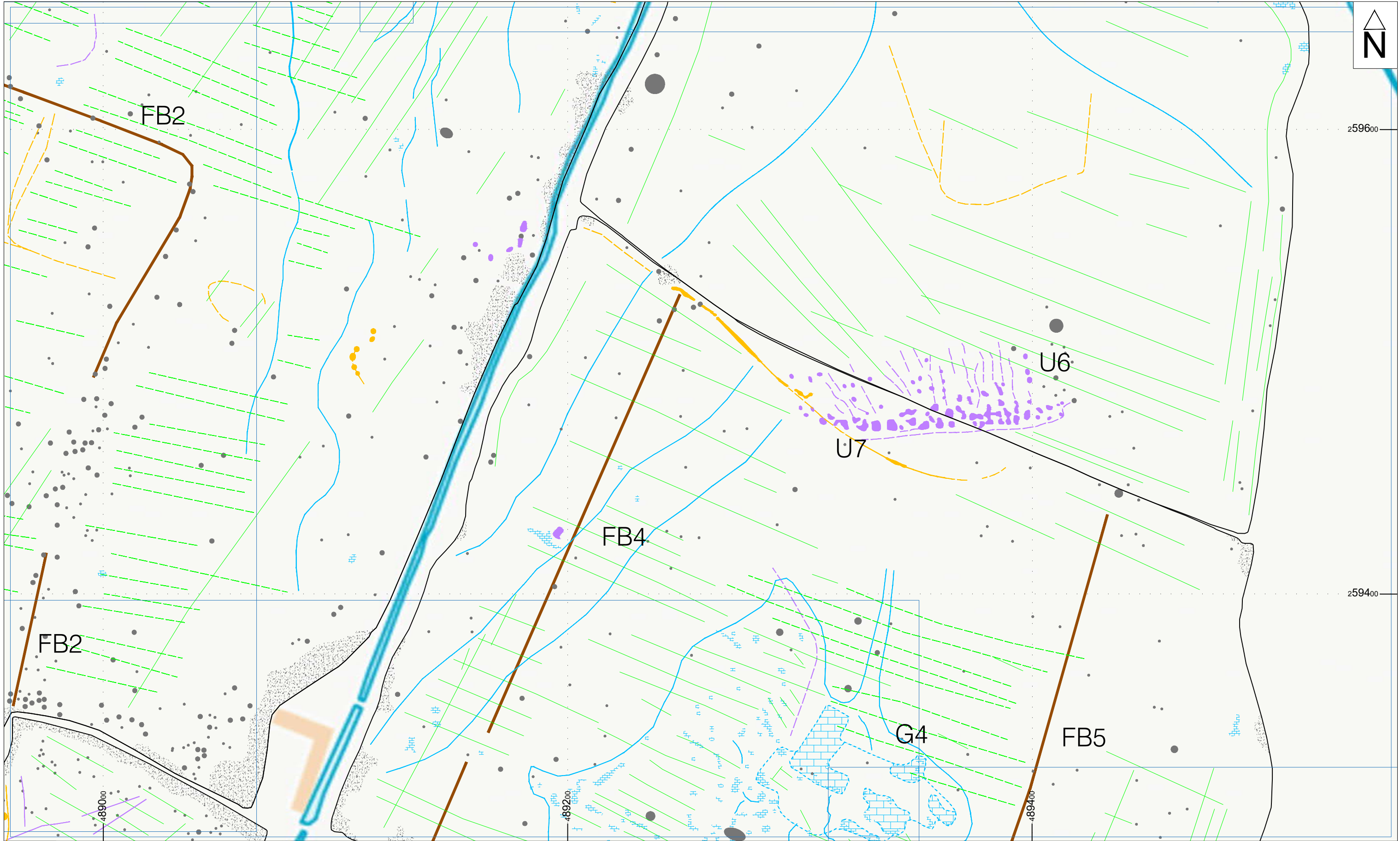
Title

SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3





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Interpretation of magnetometer data; Sector 9

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Fig. 31

Title		Interpretation			
	SECTOR BOUNDARY		FERROUS		AGRICULTURAL
			MAGNETIC DISTURBANCE		FORMER FIELD BOUNDARY
			RIDGE & FURROW		GEOLOGY
					UNCERTAIN
					ARCHAEOLOGY?

0 50m
1:1500 @ A3



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Processed greyscale magnetometer data; Sector 10

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Fig. 32

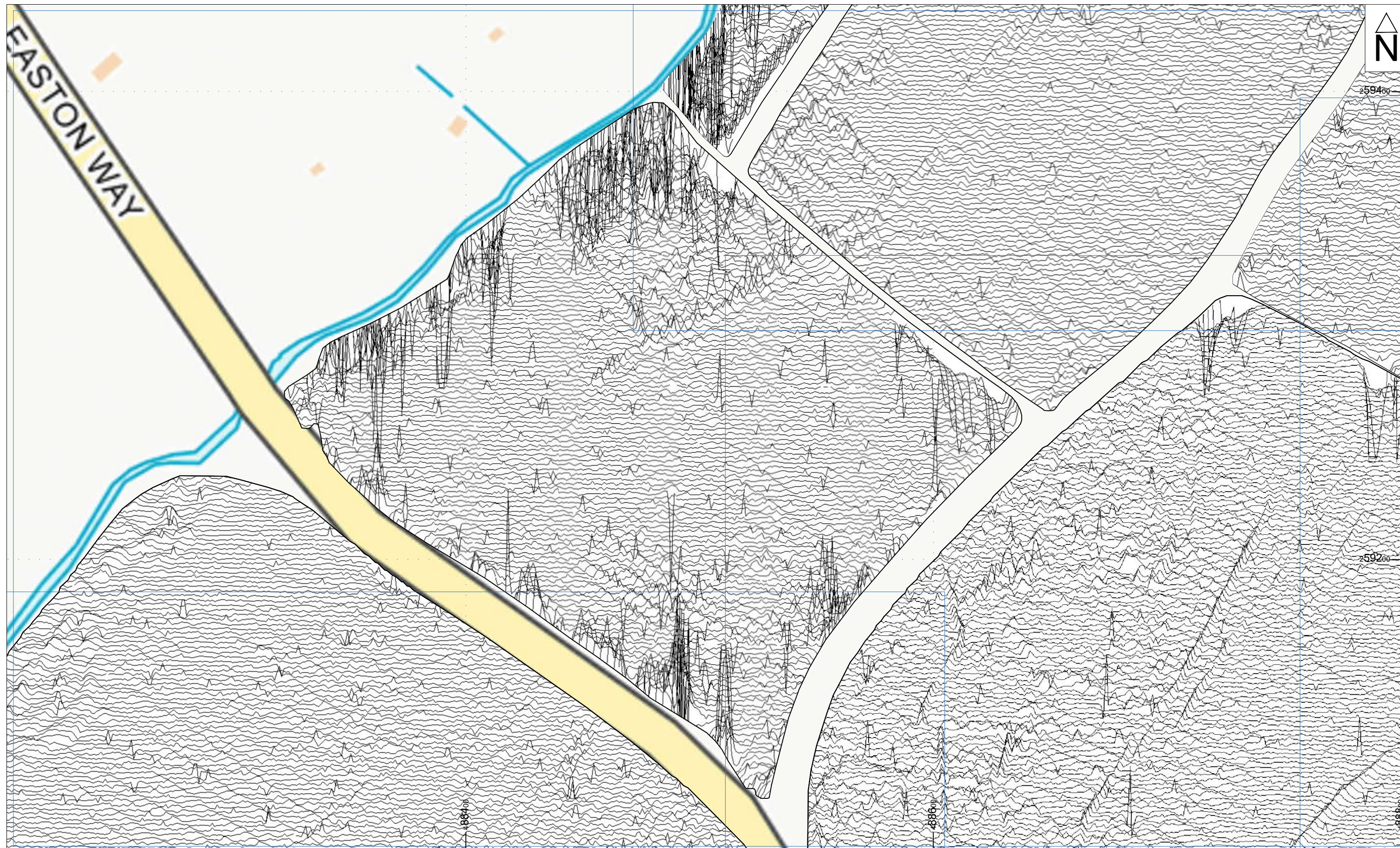
Title

SECTOR BOUNDARY



0 50m

1:1500 @ A3



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Sector 10

Title

SECTOR BOUNDARY

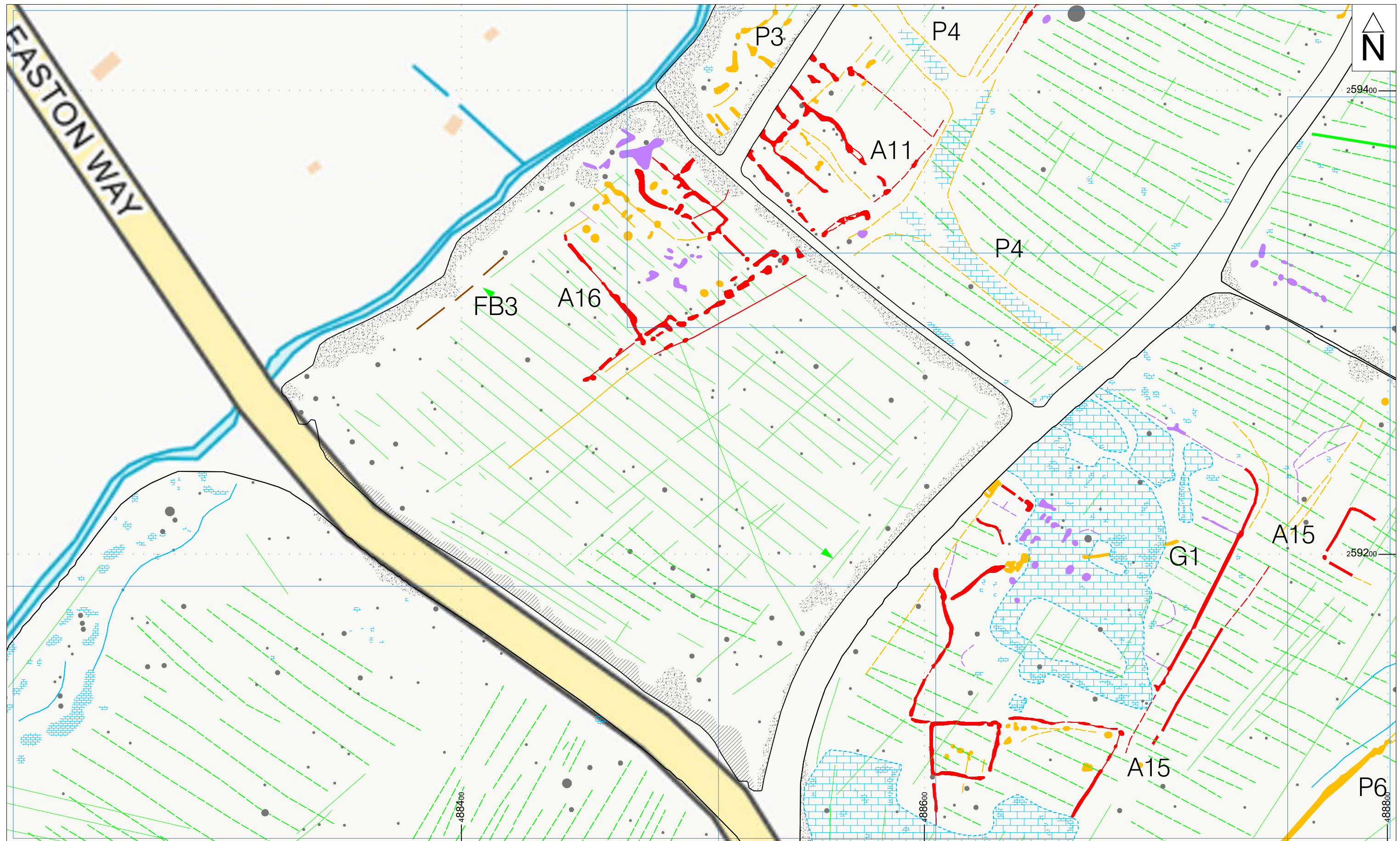
15.0 nT/cm

0 50m

1:1500 @ A3

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Fig. 33



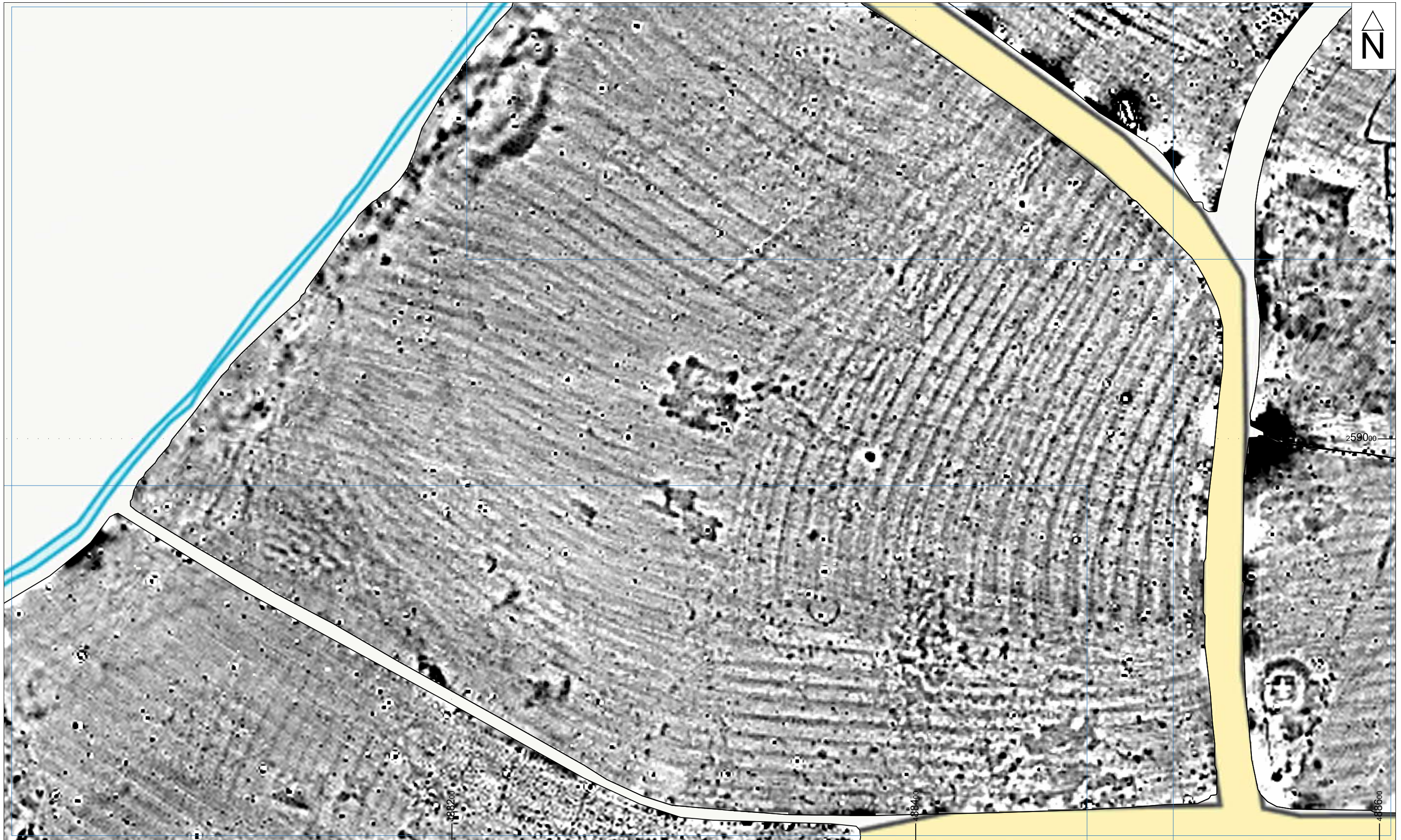
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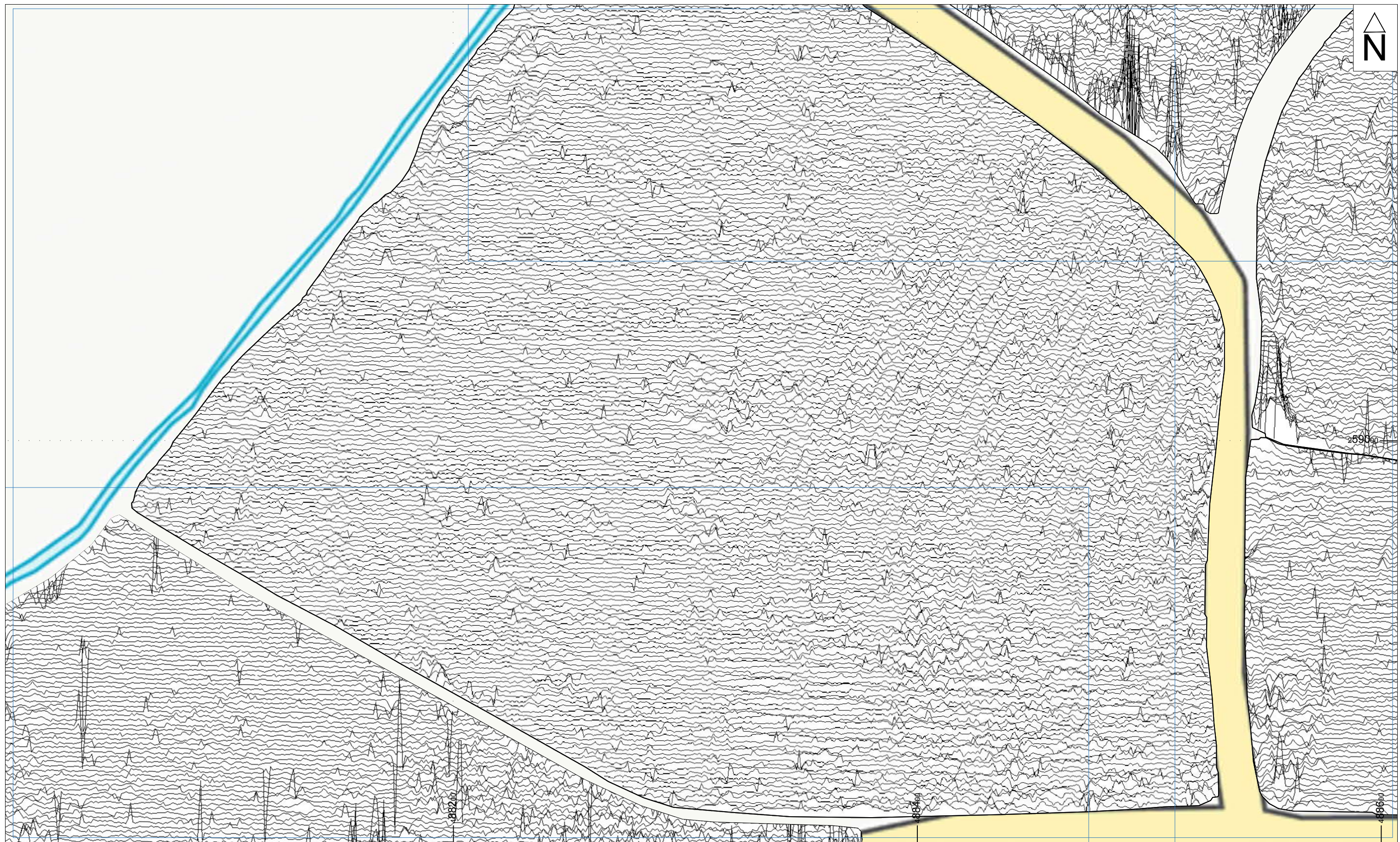
SECTOR BOUNDARY

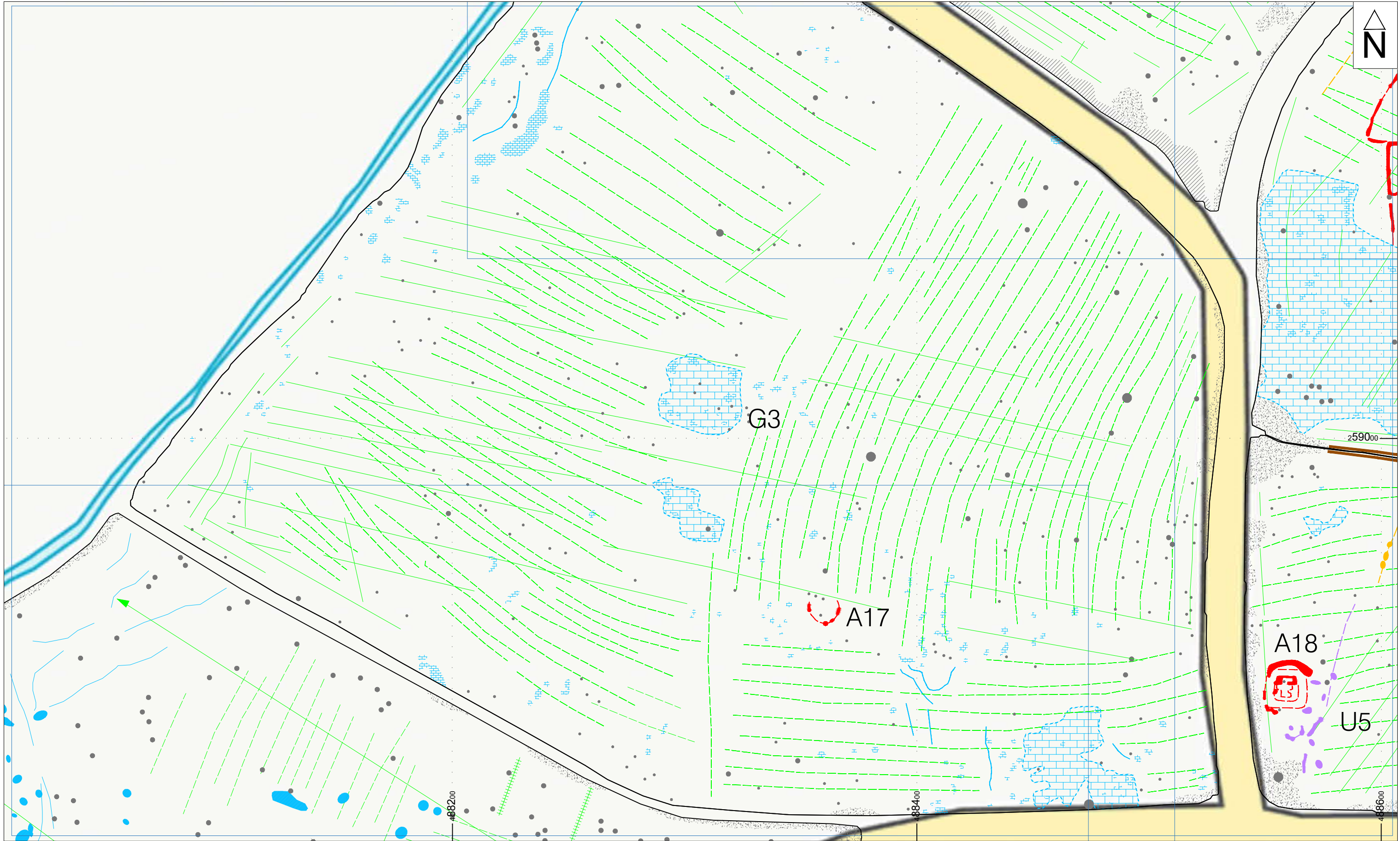
Interpretation						
	FERROUS		AGRICULTURAL			UNCERTAIN
	SERVICE PIPE		FORMER FIELD BOUNDARY			ARCHAEOLOGY?
	MAGNETIC DISTURBANCE					
	RIDGE & FURROW					ARCHAEOLOGY

0 50m

1:1500 @ A3







Title		Interpretation					
	SECTOR BOUNDARY		FERROUS		RIDGE & FURROW		UNCERTAIN
			SERVICE PIPE		AGRICULTURAL		ARCHAEOLOGY?
			MAGNETIC DISTURBANCE		GEOLOGY		ARCHAEOLOGY



Title

 SECTOR BOUNDARY

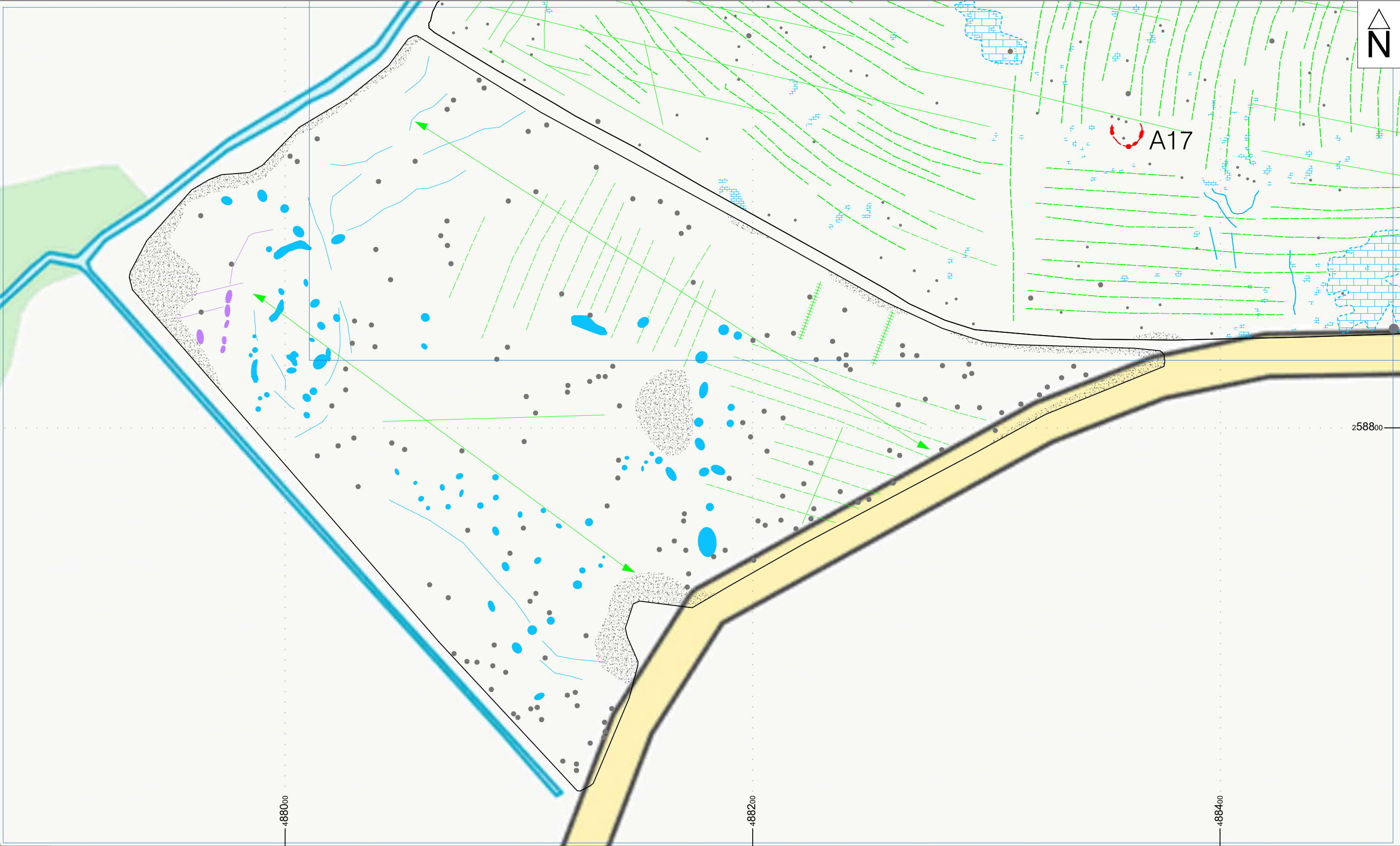


0 50m

1:1500 @ A3

Fig. 38







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Interpretation of magnetometer data; Sector 12

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Fig. 40

Title

SECTOR BOUNDARY

Interpretation

FERROUS

MAGNETIC DISTURBANCE

RIDGE & FURROW

AGRICULTURAL

GEOLOGY

UNCERTAIN

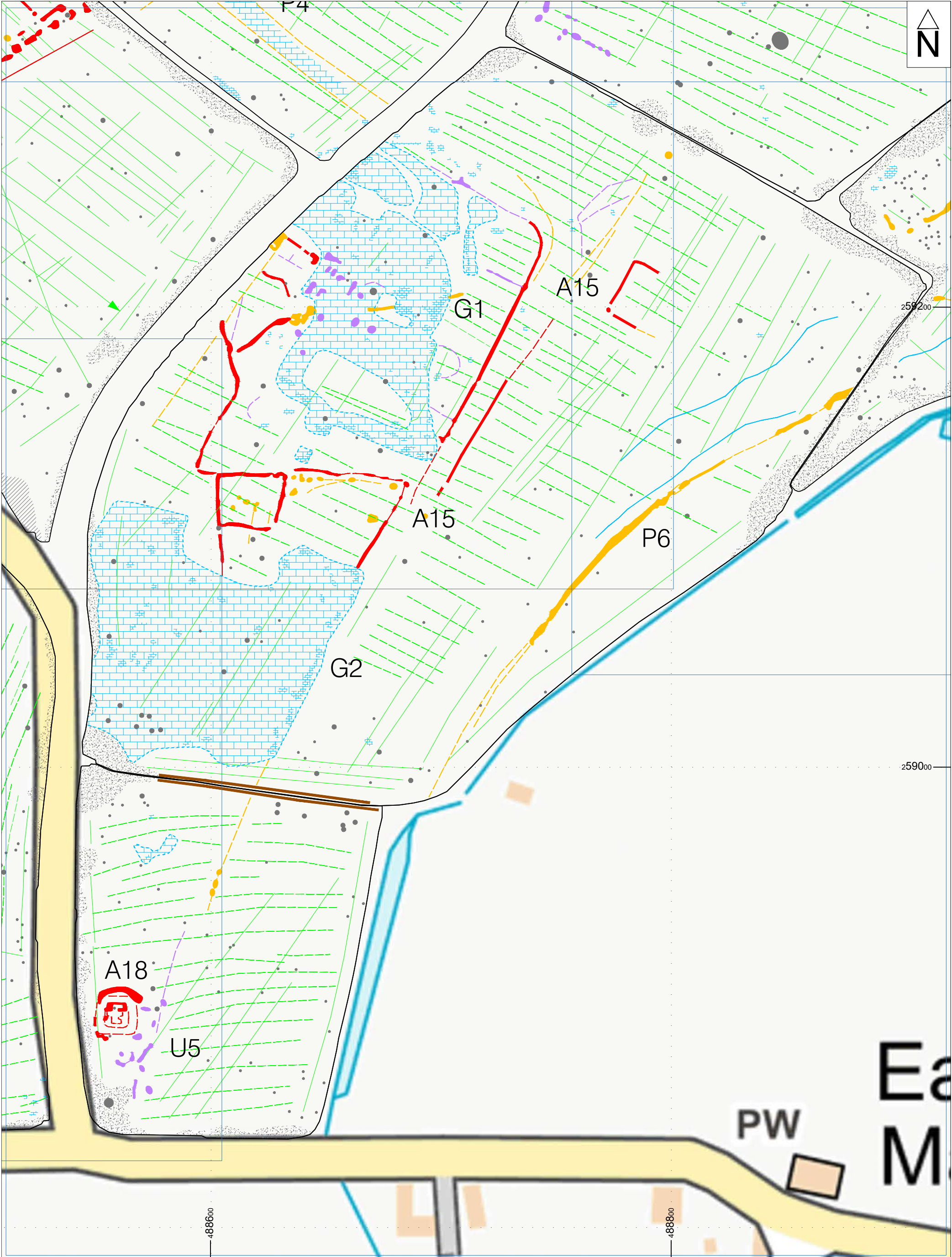
ARCHAEOLOGY?

0

50m

1:1500 @ A3







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Title

	SECTOR BOUNDARY
---	-----------------

Interpretation

	FERROUS		AGRICULTURAL
	SERVICE PIPE		GEOLOGY
	MAGNETIC DISTURBANCE		ARCHAEOLOGY?
	RIDGE & FURROW		ARCHAEOLOGY

0 50m

1:1500 @ A3

Fig. 43



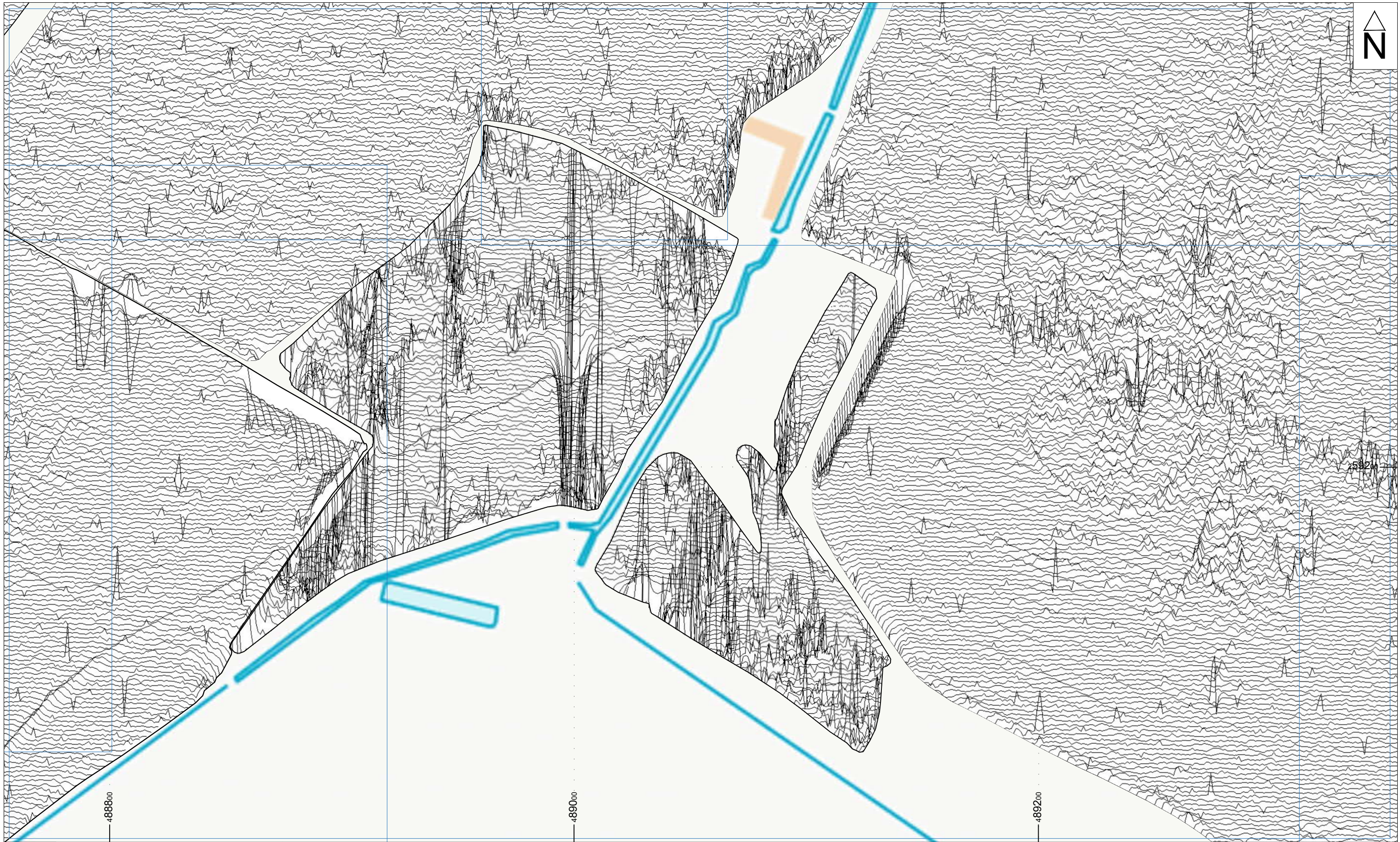
Title

SECTOR BOUNDARY



0 50m

1:1500 @ A3



Title

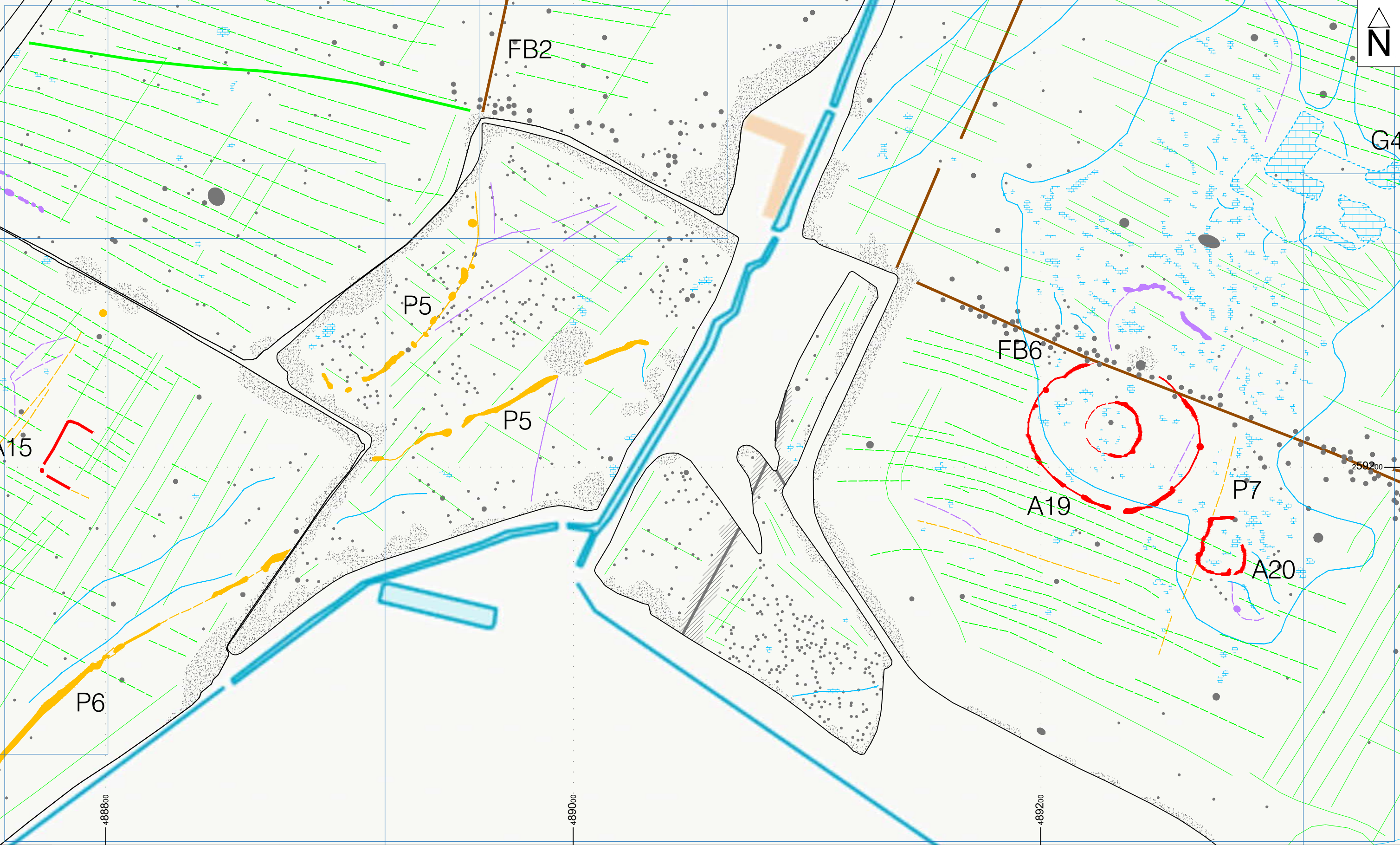
 SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3

Fig. 45





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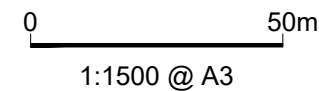
Project ID: XK77_EXG23 Area F

Interpretation of magnetometer data; Sector 14

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Fig. 46

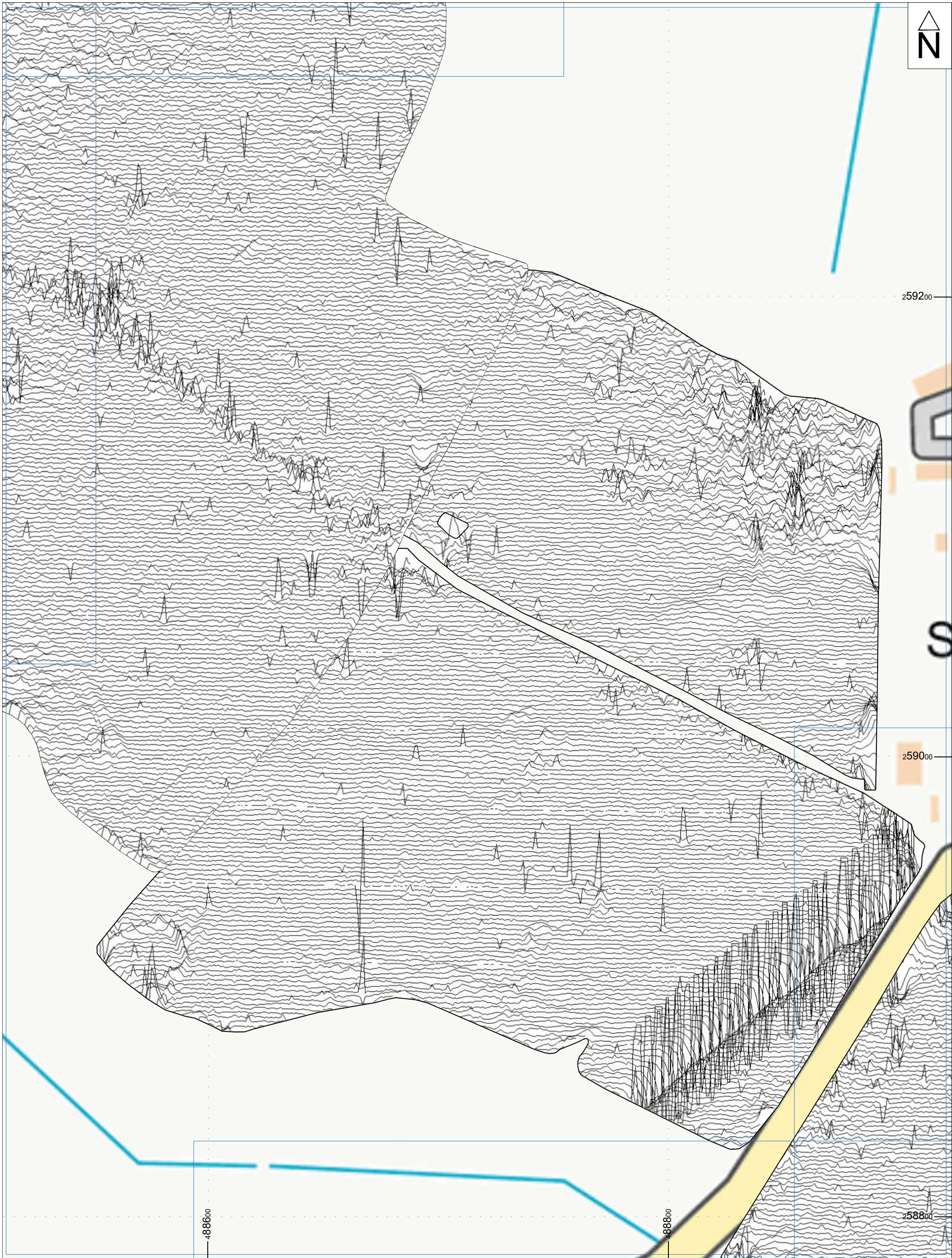
Title		Interpretation			
	SECTOR BOUNDARY		FERROUS		RIDGE & FURROW
			SERVICE PIPE		AGRICULTURAL
			MAGNETIC DISTURBANCE		FORMER FIELD BOUNDARY
					GEOLOGY
					UNCERTAIN
					ARCHAEOLOGY?
					ARCHAEOLOGY

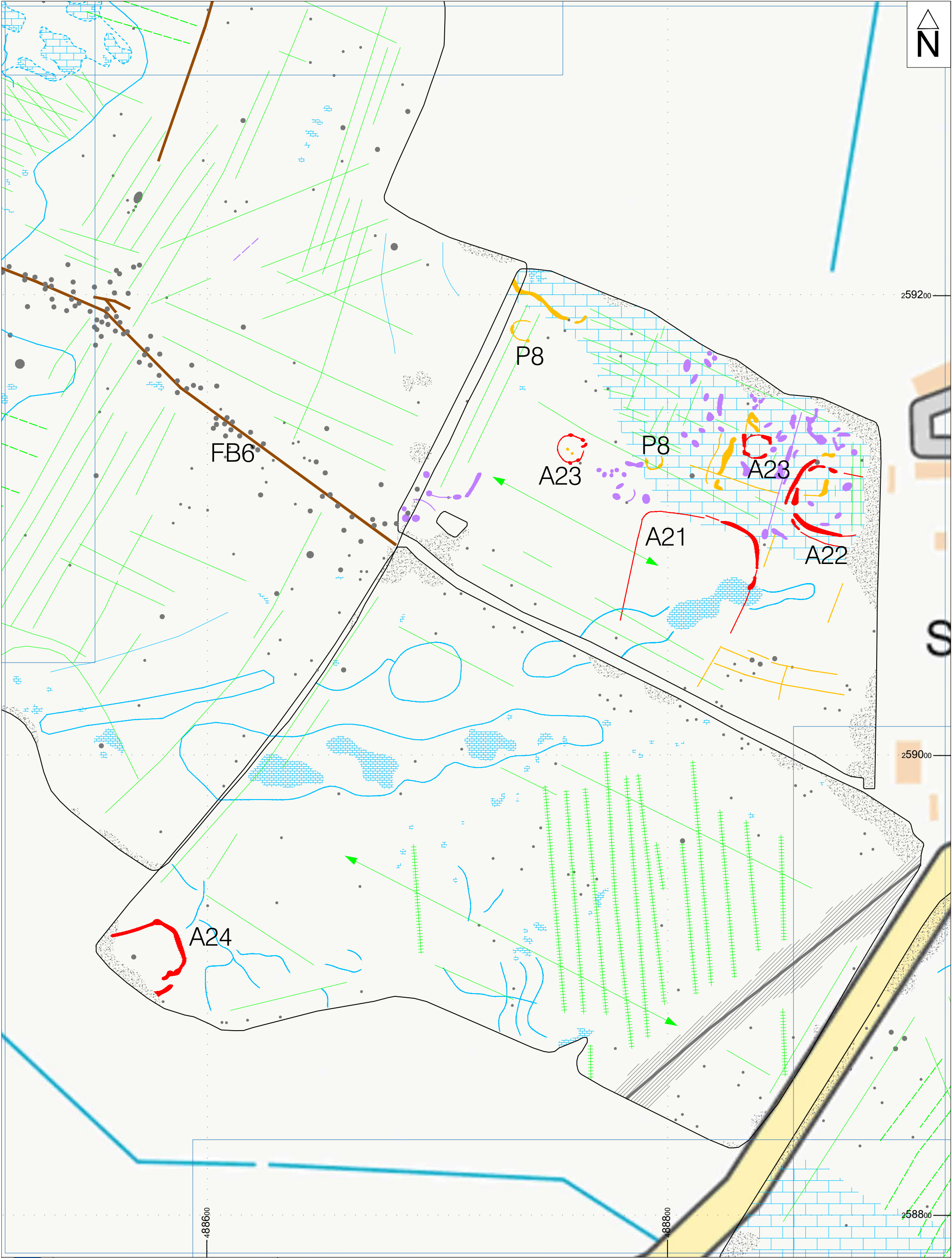




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		SECTOR BOUNDARY
		
Project ID: XK77_EXG23 Area F		 1:1500 @ A3
Processed greyscale magnetometer data; Sector 15		
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Fig. 47







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Interpretation of magnetometer data; Sector 15

Title		Interpretation			
	SECTOR BOUNDARY		MAGNETIC DISTURBANCE		GEOLOGY ZONE
	FERROUS		FIELD DRAIN		UNCERTAIN
	SERVICE PIPE		AGRICULTURAL		ARCHAEOLOGY?
			GEOLOGY		ARCHAEOLOGY

0 50m

1:1500 @ A3

Fig. 49



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Project ID: XK77_EXG23 Area F

Processed greyscale magnetometer data; Sector 16

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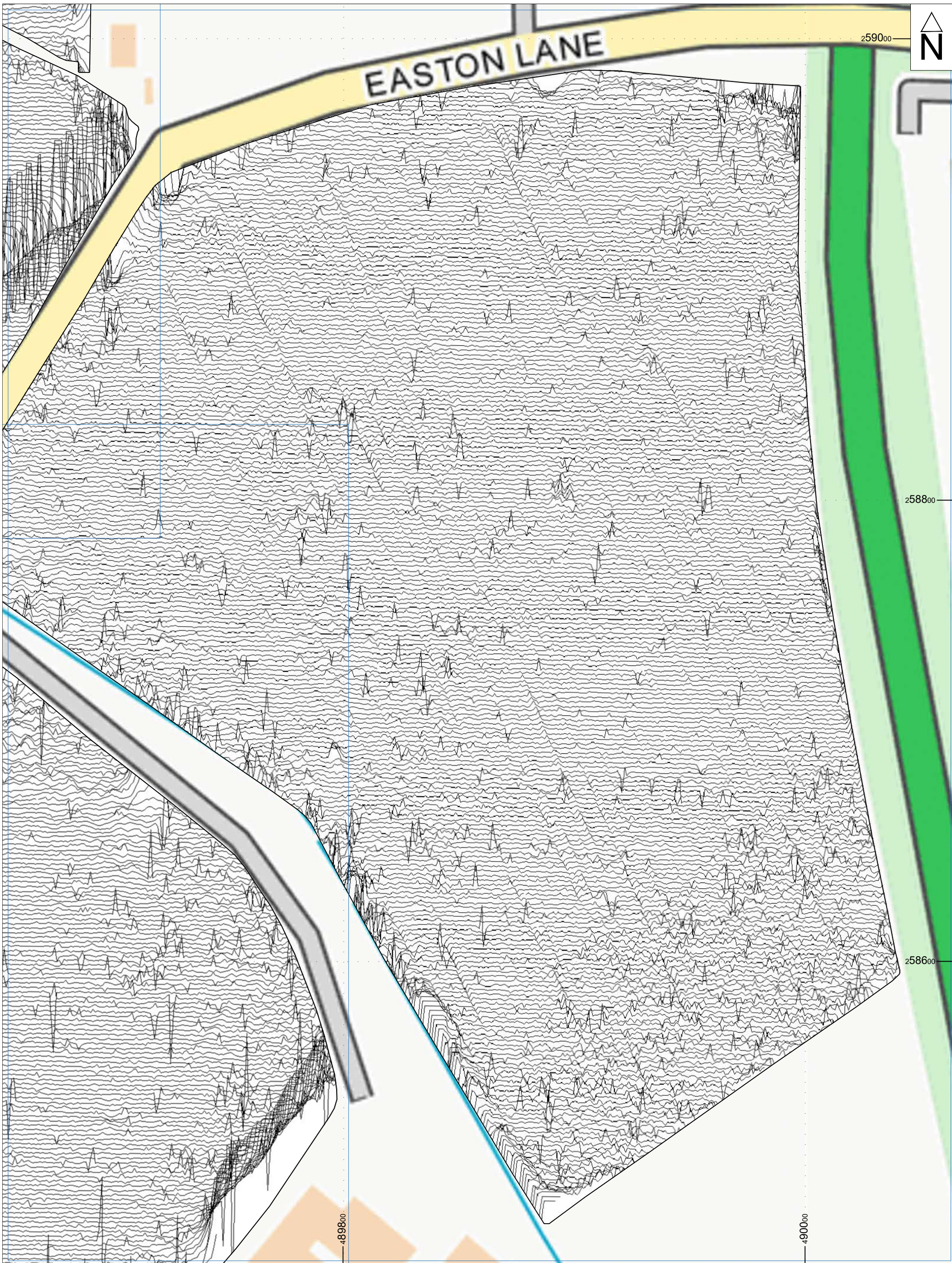
Title

SECTOR BOUNDARY



1:1500 @ A3

Fig. 50





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XY trace plot of minimally processed magnetometer data;
Sector 16

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Title

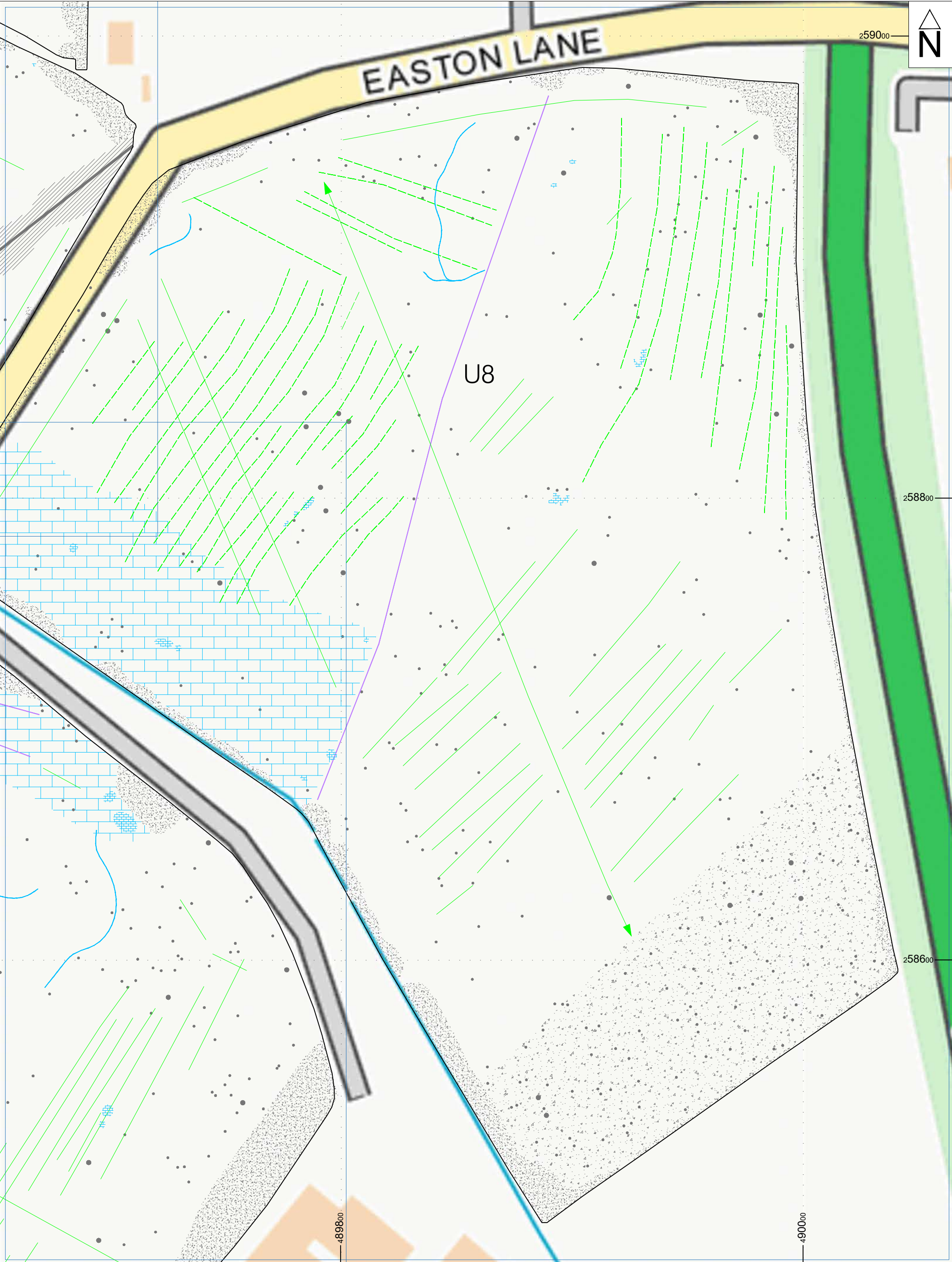
 SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3

Fig. 51





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Interpretation of magnetometer data; Sector 16

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Fig. 52

Title

	SECTOR BOUNDARY
---	-----------------

Interpretation

	FERROUS		AGRICULTURAL
	SERVICE PIPE		GEOLOGY
	MAGNETIC DISTURBANCE		GEOLOGY ZONE
	RIDGE & FURROW		UNCERTAIN

0 50m

1:1500 @ A3



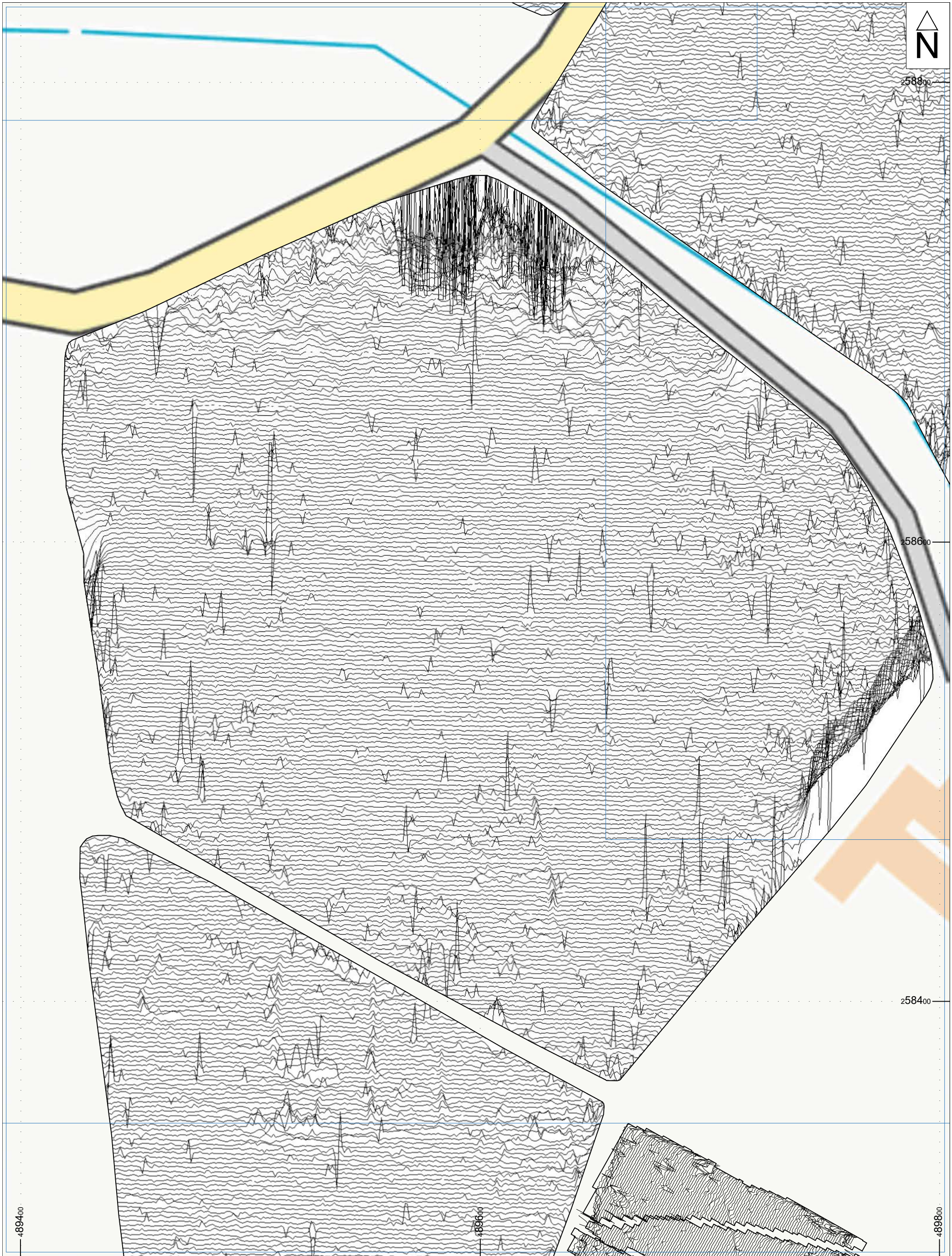
 © ASWYAS 2025. Archaeological Services W Y A S, Nepshaw Lane South, Morley, LS27 7JQ Tel: 0113 535 3007 Email: archaeology@wyjs.org.uk www.aswyas.com	Title	
	SECTOR BOUNDARY	
	Project ID: XK77_EXG23 Area F	
Processed greyscale magnetometer data; Sector 17		
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0

50m

1:1500 @ A3

Fig. 53





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XY trace plot of minimally processed magnetometer data;
Sector 17

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Title

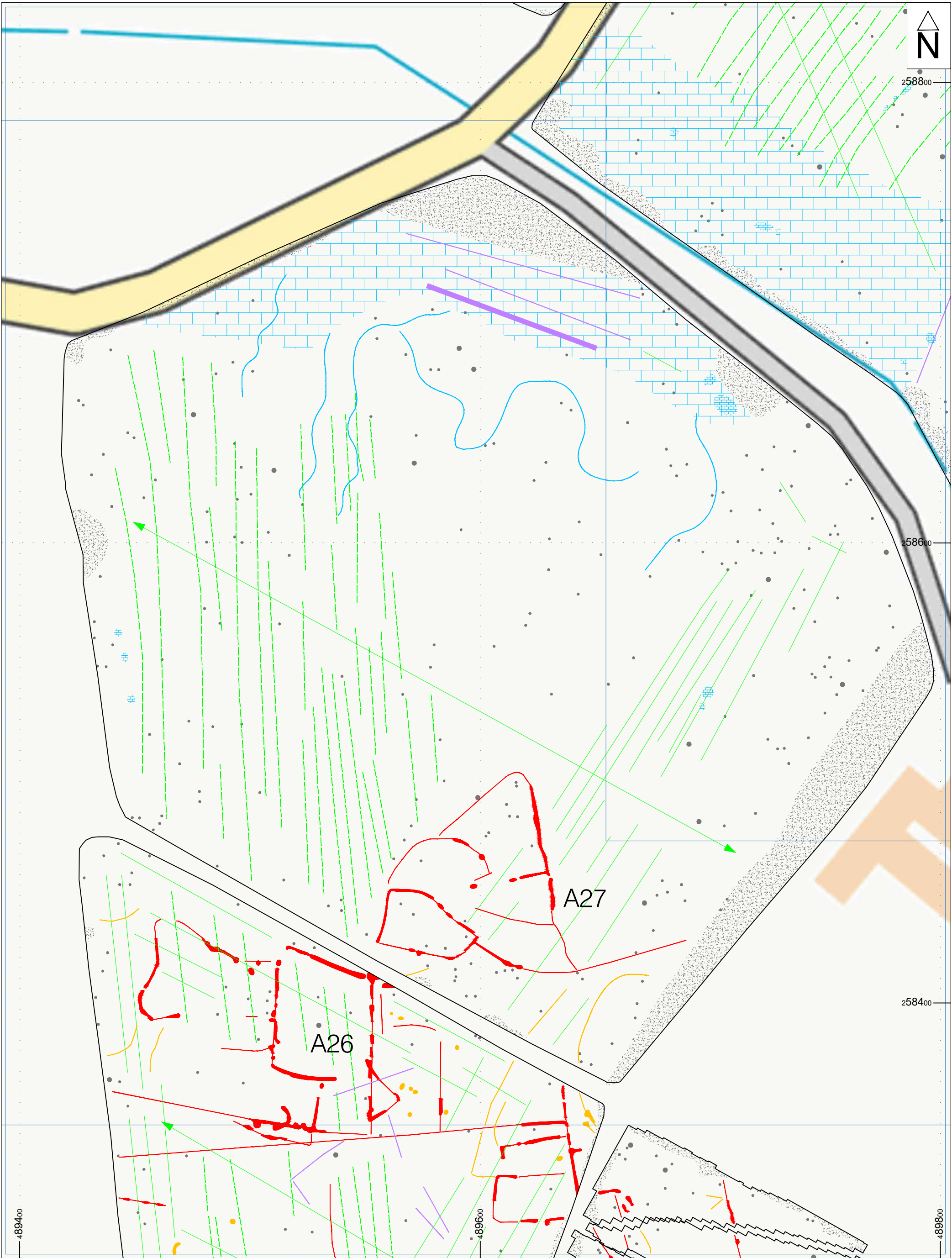
SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3

Fig. 54





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Interpretation of magnetometer data; Sector 17

Title		Interpretation	
	SECTOR BOUNDARY		FERROUS
	MAGNETIC DISTURBANCE		GEOLOGY
	RIDGE & FURROW		GEOLOGY ZONE
	AGRICULTURAL		UNCERTAIN
			ARCHAEOLOGY?
			ARCHAEOLOGY

0 50m

1:1500 @ A3

Fig. 55

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Title

SECTOR BOUNDARY



0 50m
1:1500 @ A3



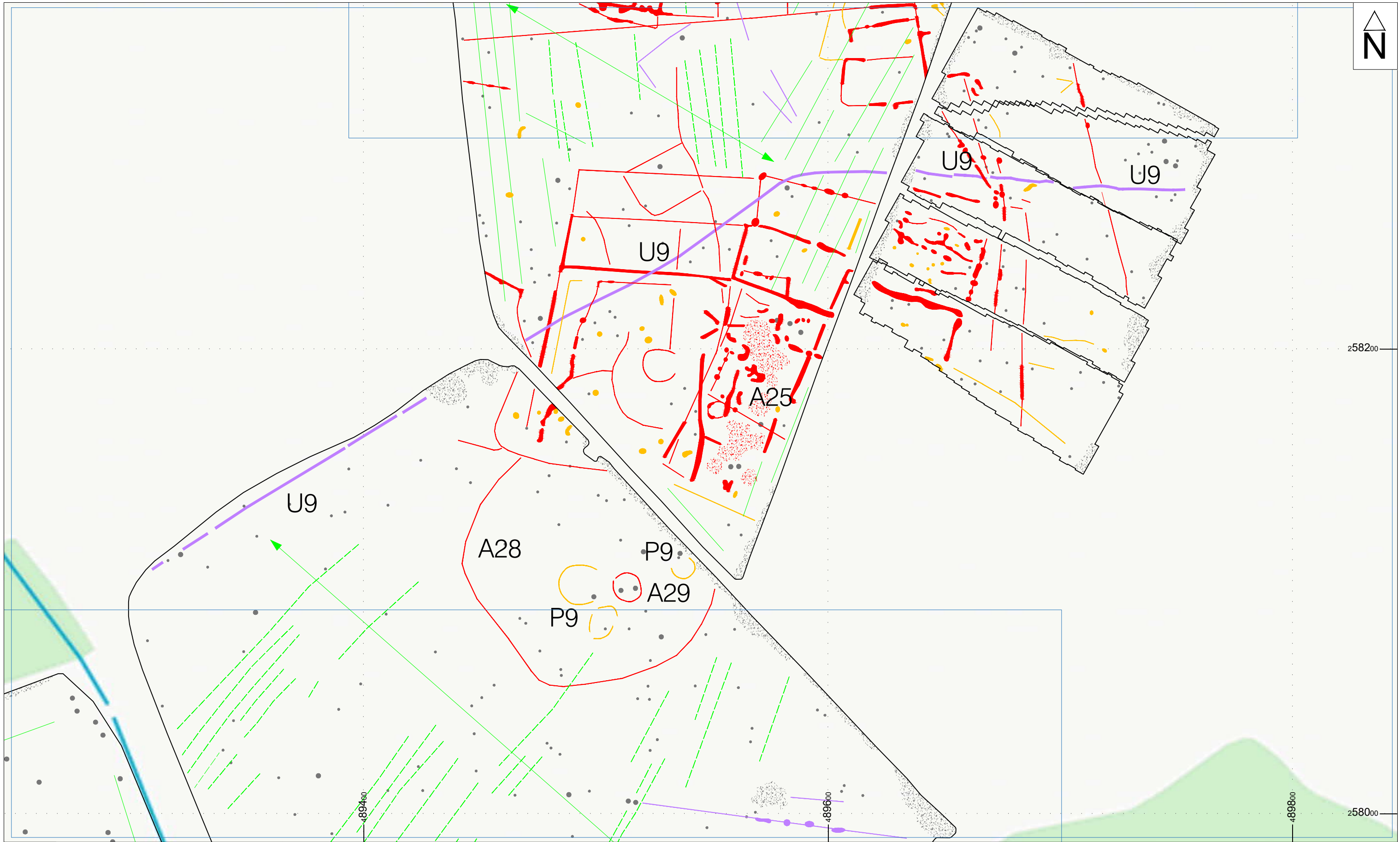
Title

SECTOR BOUNDARY

15.0 nT/cm

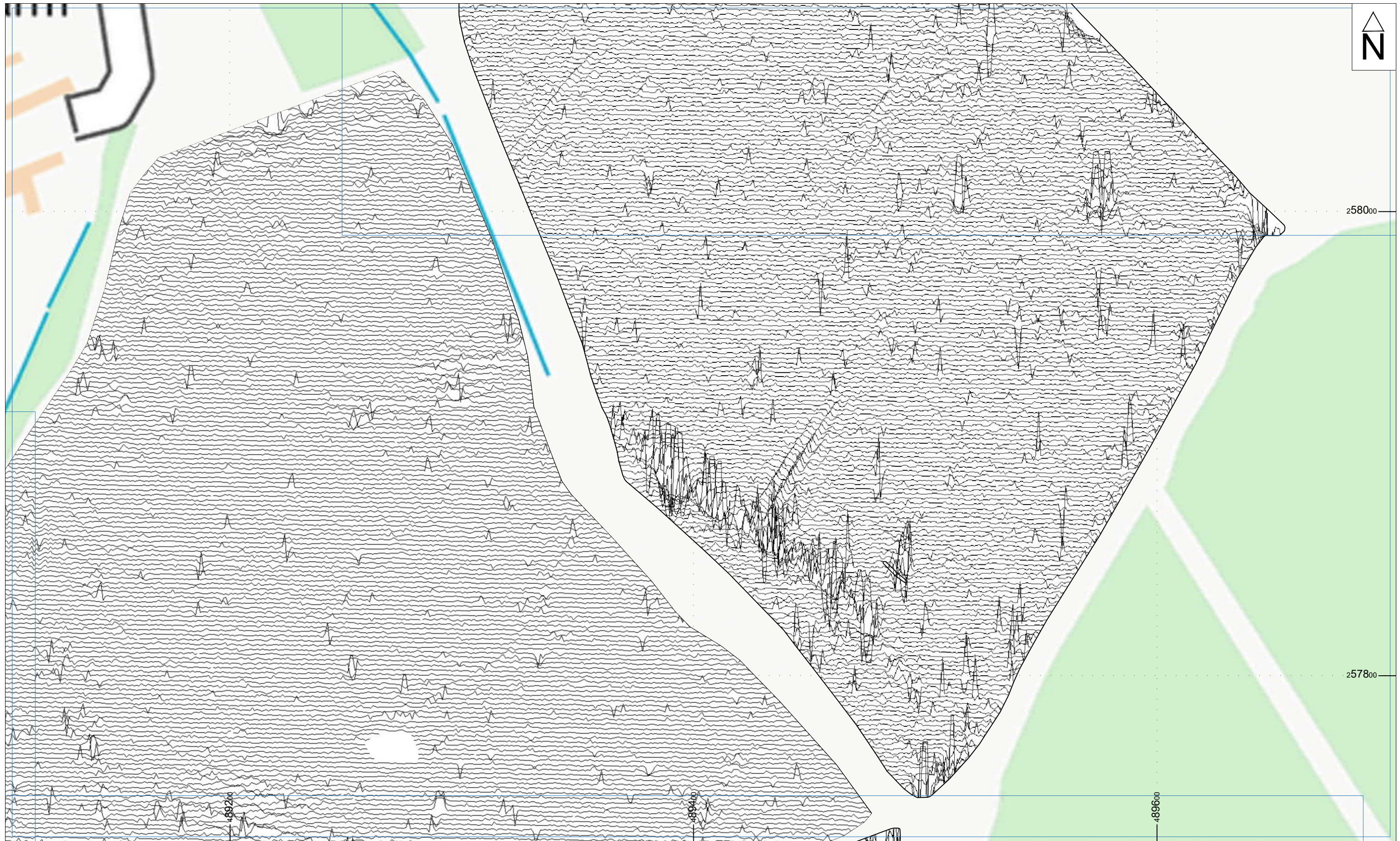
0 50m

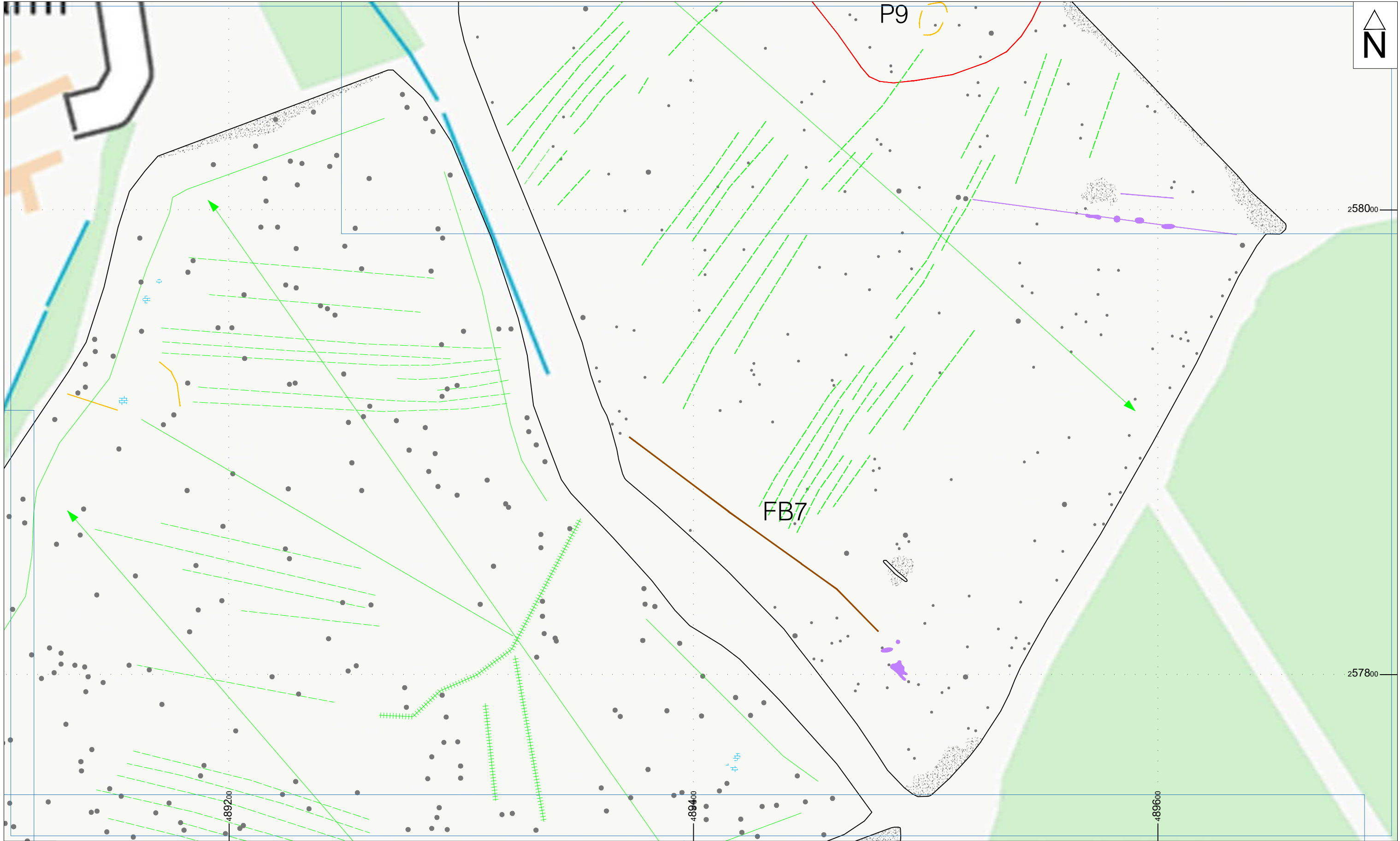
1:1500 @ A3



Title		Interpretation					
	SECTOR BOUNDARY		FERROUS		RIDGE & FURROW		UNCERTAIN
			MAGNETIC DISTURBANCE		AGRICULTURAL		ARCHAEOLOGY?
							ARCHAEOLOGY

Fig. 58







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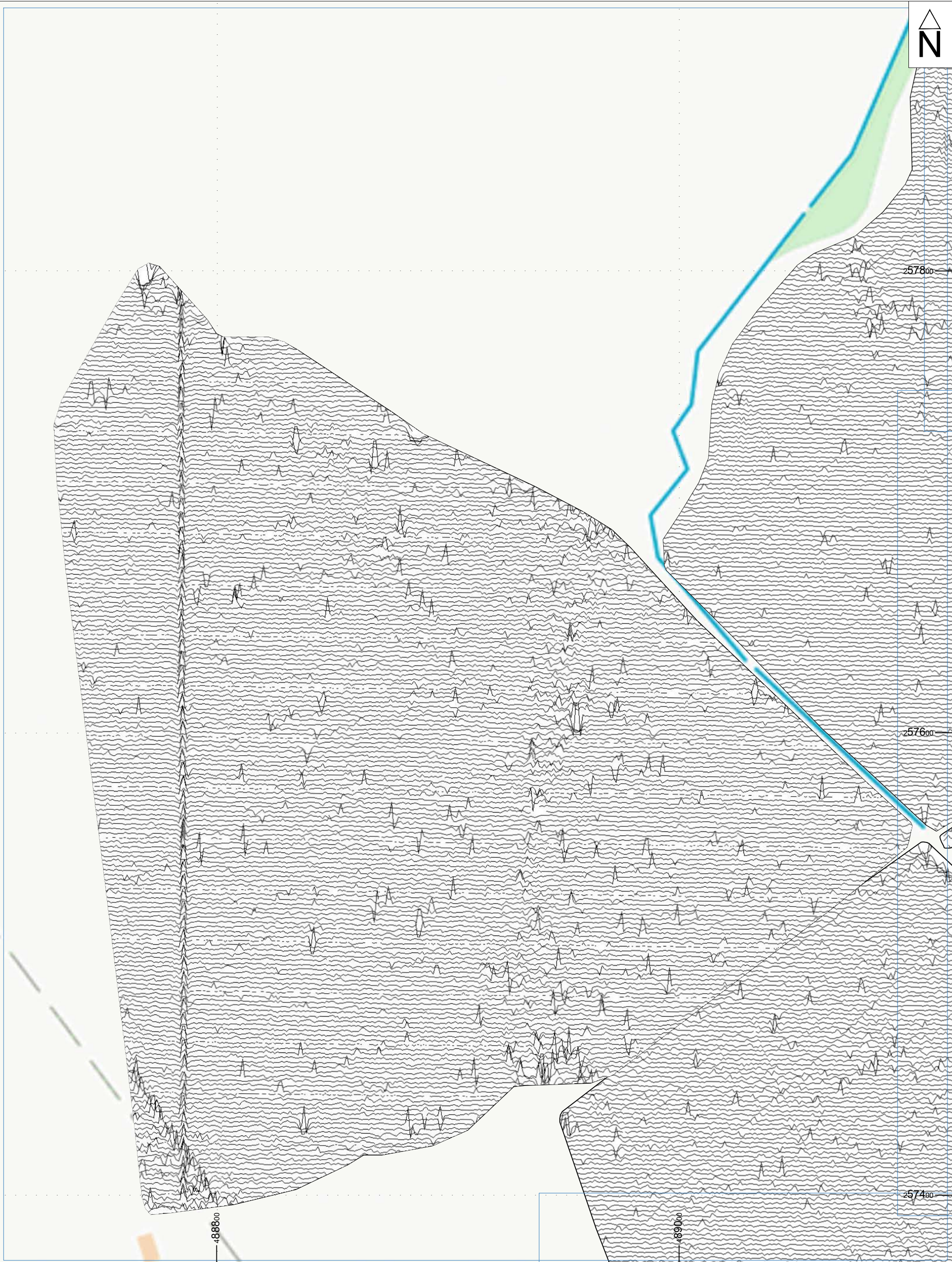
Interpretation of magnetometer data; Sector 19

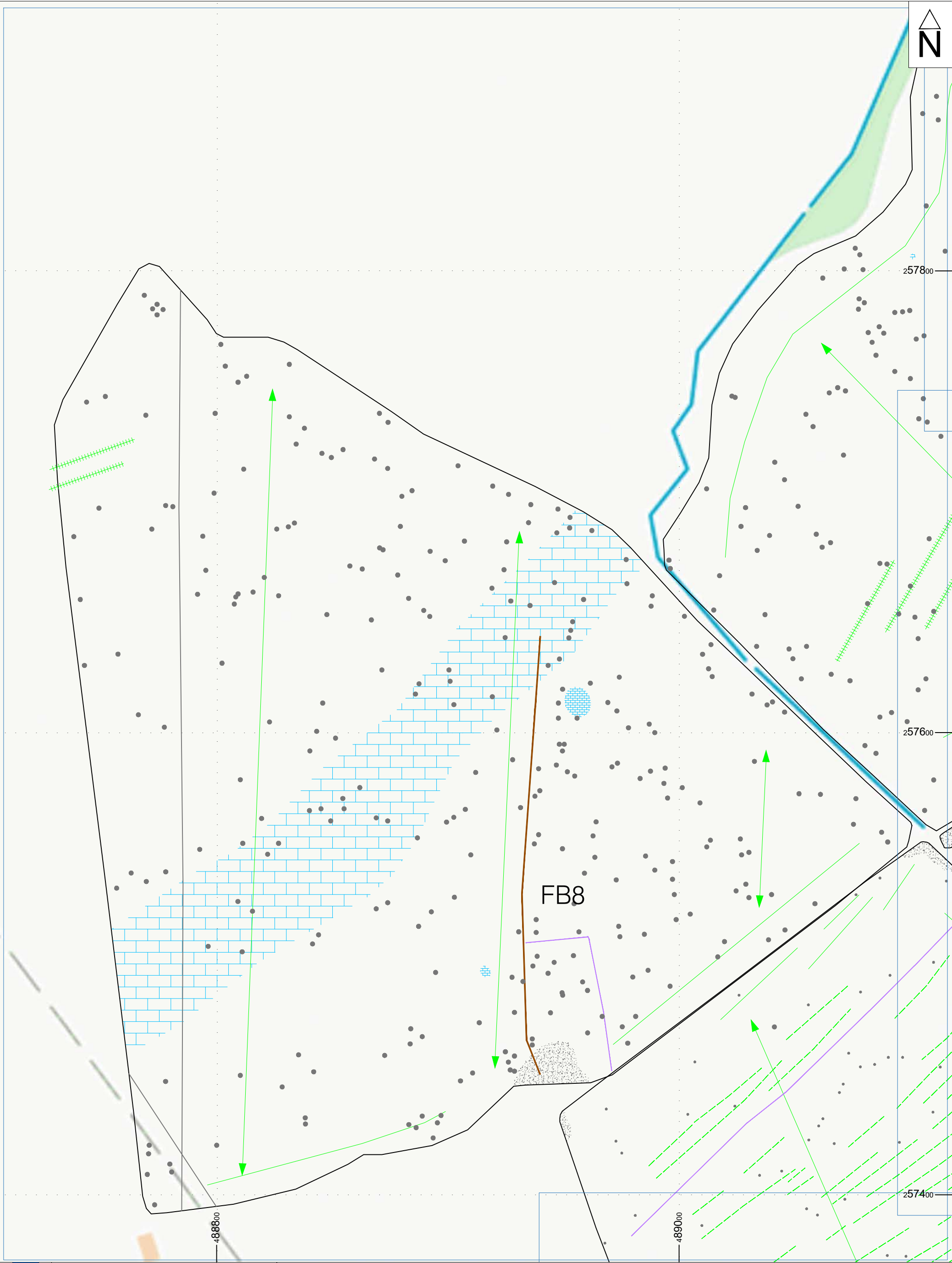
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Fig. 61

Title		Interpretation			
	SECTOR BOUNDARY		FERROUS		RIDGE & FURROW
			MAGNETIC DISTURBANCE		AGRICULTURAL
			FIELD DRAIN		FORMER FIELD BOUNDARY
					UNCERTAIN
					ARCHAEOLOGY?
					ARCHAEOLOGY

0 50m
1:1500 @ A3







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Interpretation of magnetometer data; Sector 20

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Fig. 64

Title		Interpretation			
	SECTOR BOUNDARY		FERROUS		AGRICULTURAL
	MAGNETIC DISTURBANCE		FORMER FIELD BOUNDARY		UNCERTAIN
	FIELD DRAIN		GEOLOGY ZONE		
	RIDGE & FURROW				

0 50m

1:1500 @ A3



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Processed greyscale magnetometer data; Sector 21

Title

SECTOR BOUNDARY

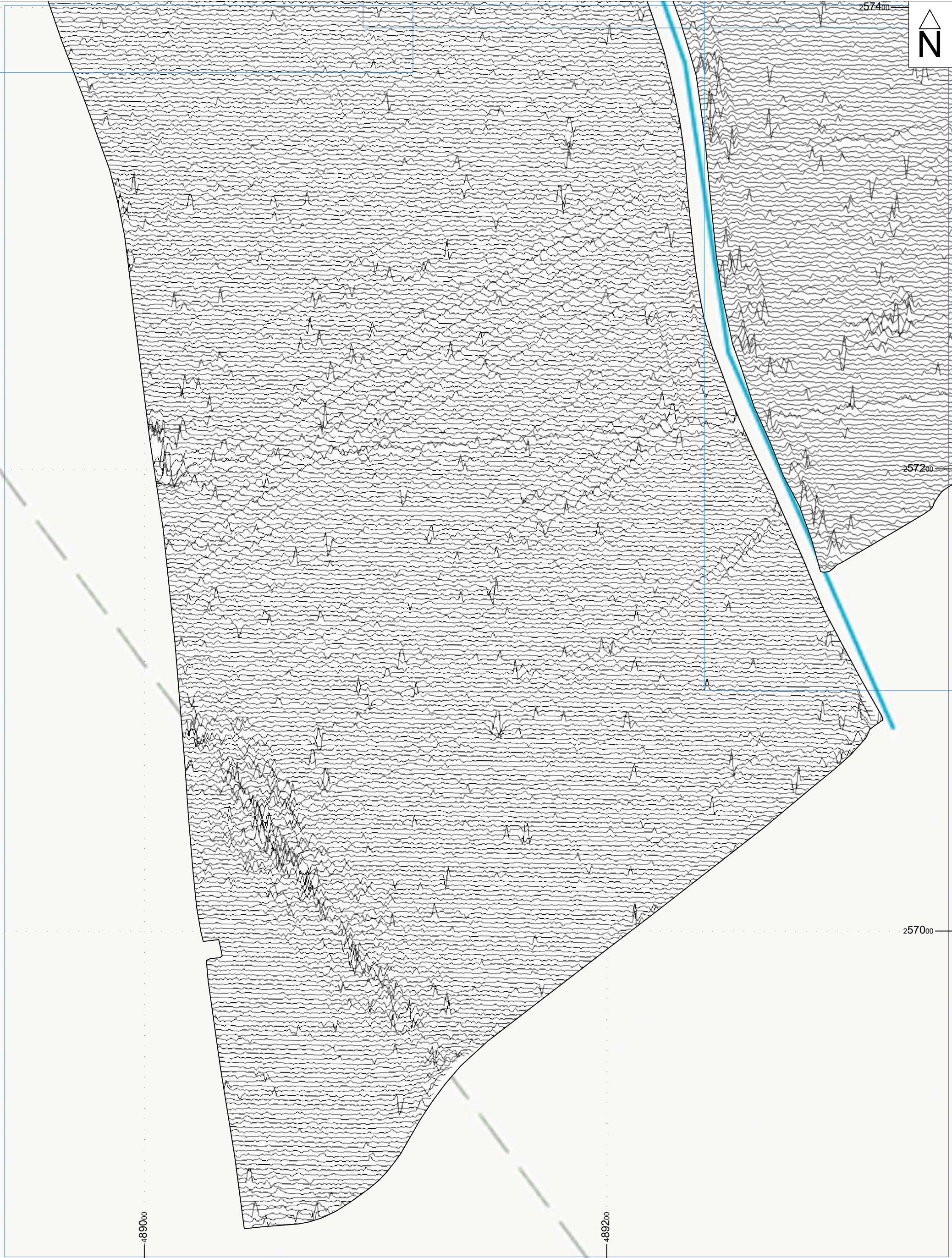


0 50m

1:1500 @ A3

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Fig. 65





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XY trace plot of minimally processed magnetometer data;
Sector 21

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Fig. 66

Title

 SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3





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Interpretation of magnetometer data; Sector 21

Title	
	SECTOR BOUNDARY

Interpretation	
	FERROUS
	MAGNETIC DISTURBANCE
	OVERHEAD POWER CABLE
	RIDGE & FURROW
	AGRICULTURAL
	FORMER FIELD BOUNDARY
	GEOLOGY
	UNCERTAIN

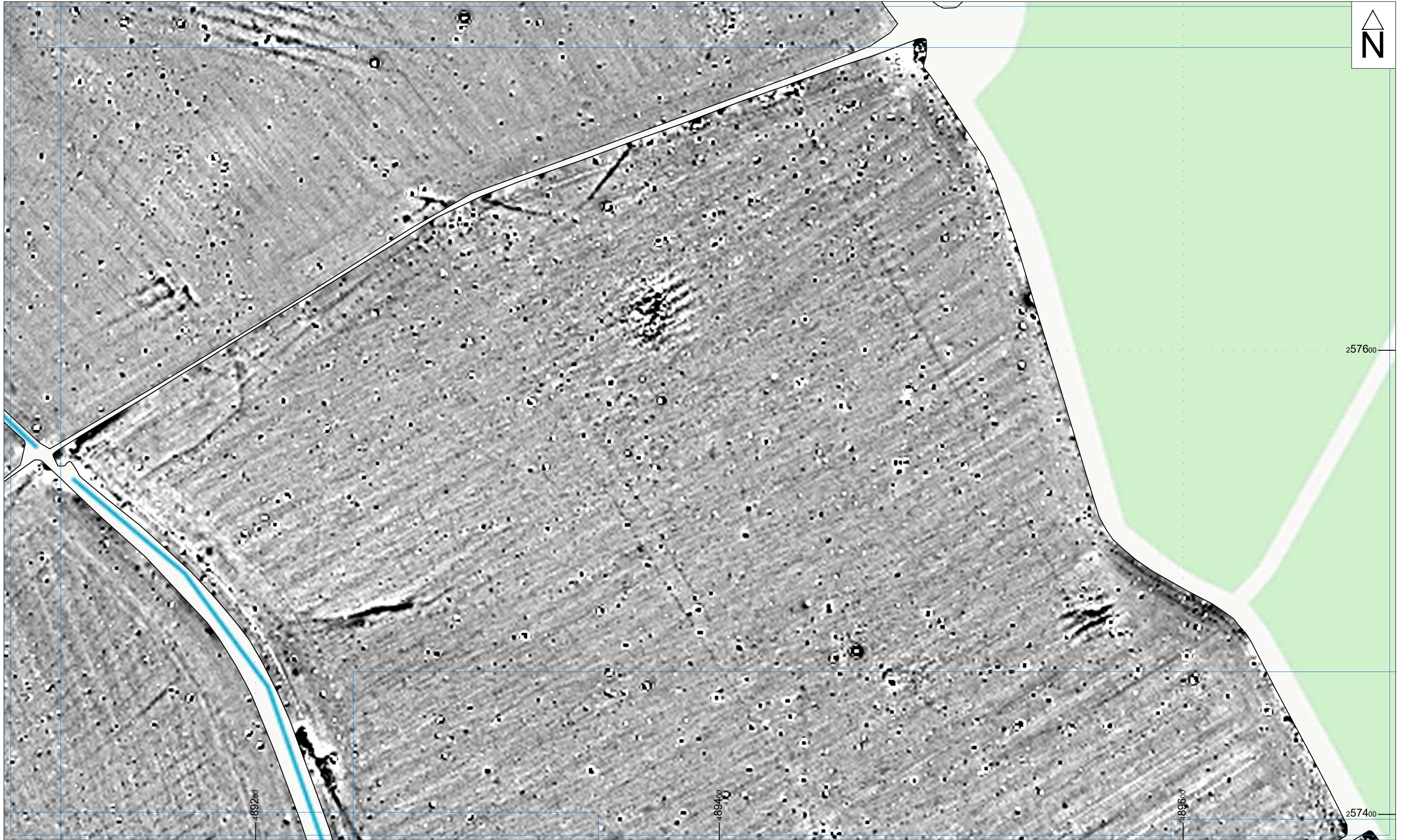
0

50m

1:1500 @ A3

Fig. 67

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Processed greyscale magnetometer data; Sector 22

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Fig. 68

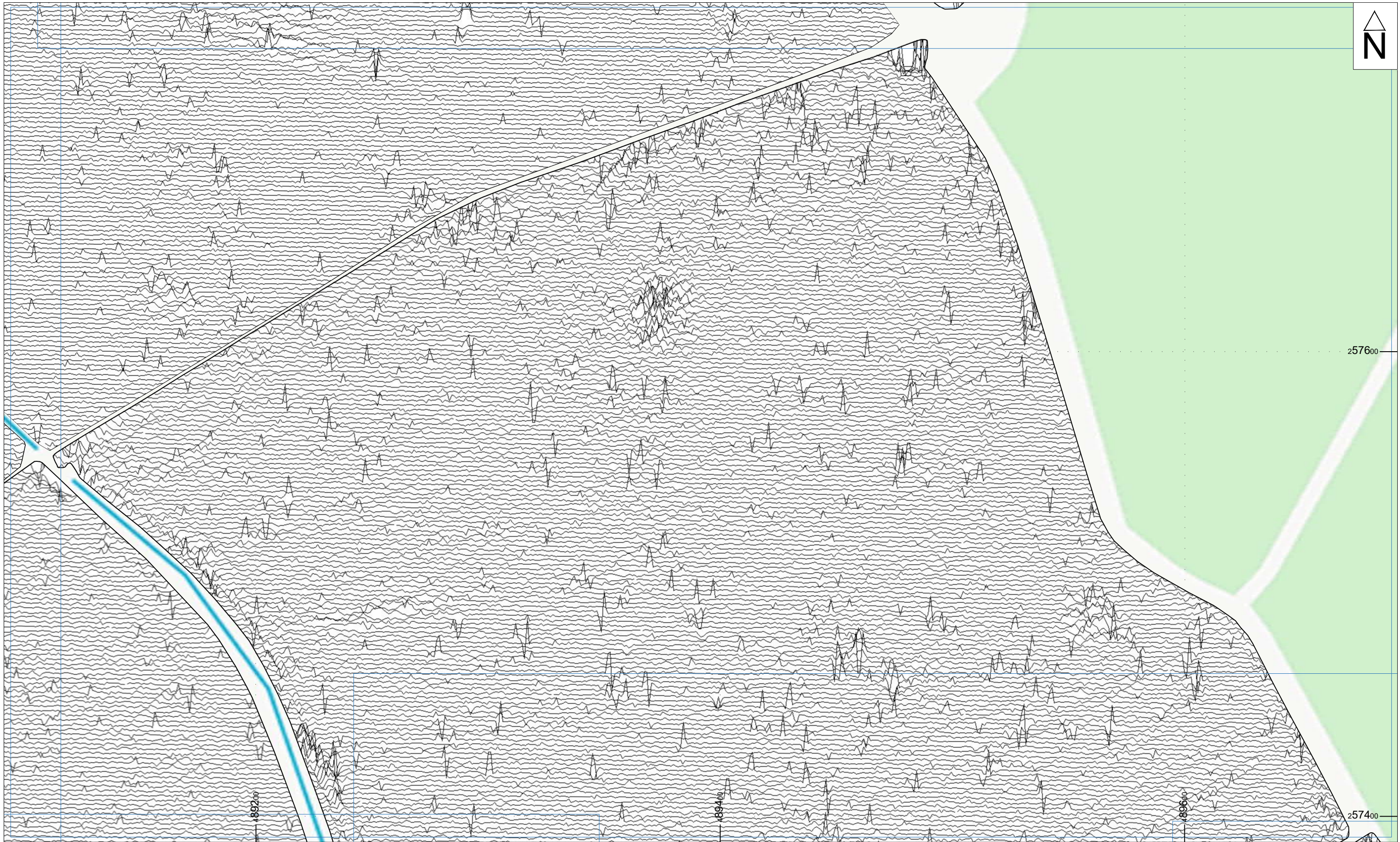
Title

 SECTOR BOUNDARY



0 50m

1:1500 @ A3





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XY trace plot of minimally processed magnetometer data;
Sector 22

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Fig. 69

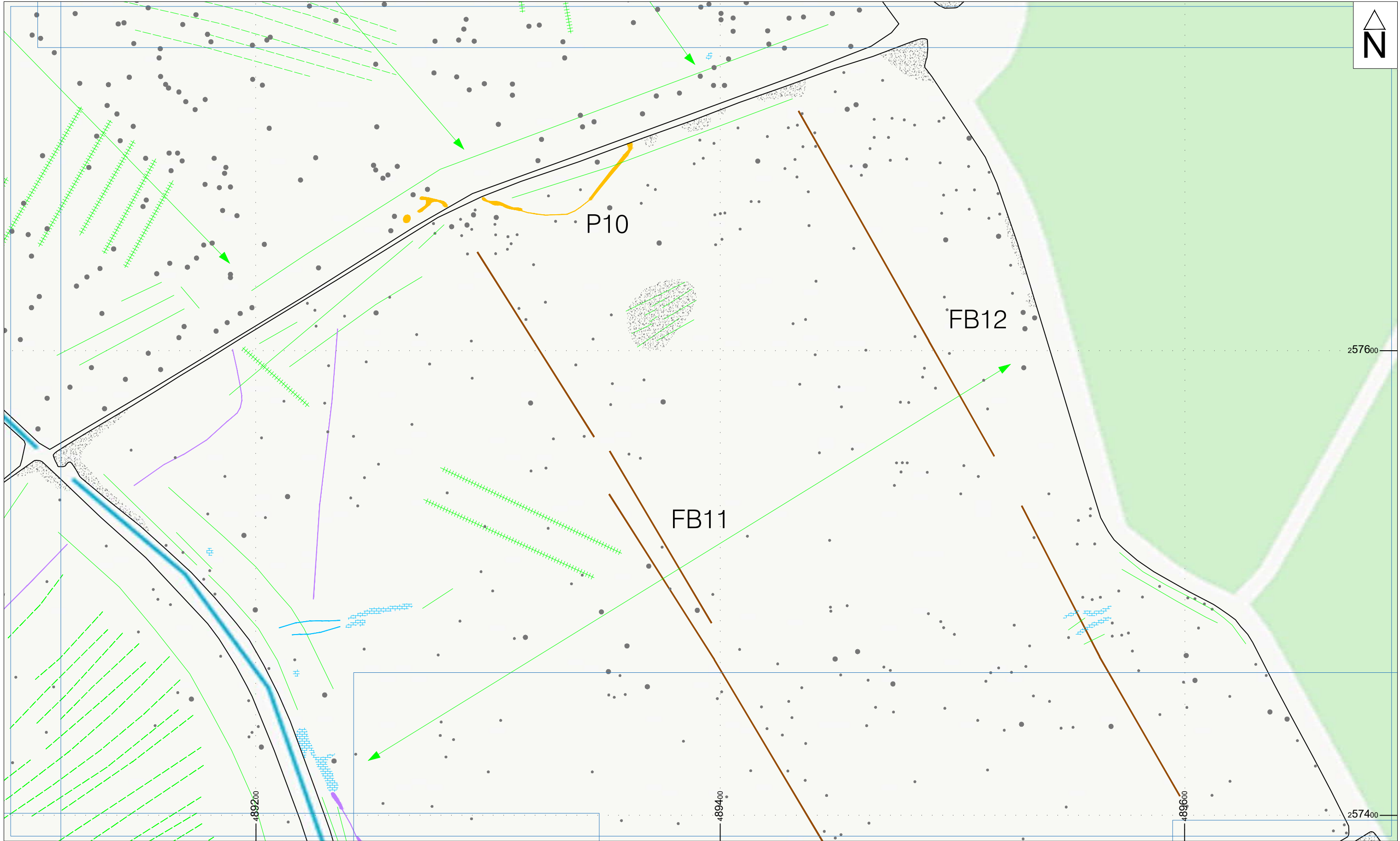
Title

 SECTOR BOUNDARY

15.0 nT/cm

0 50m

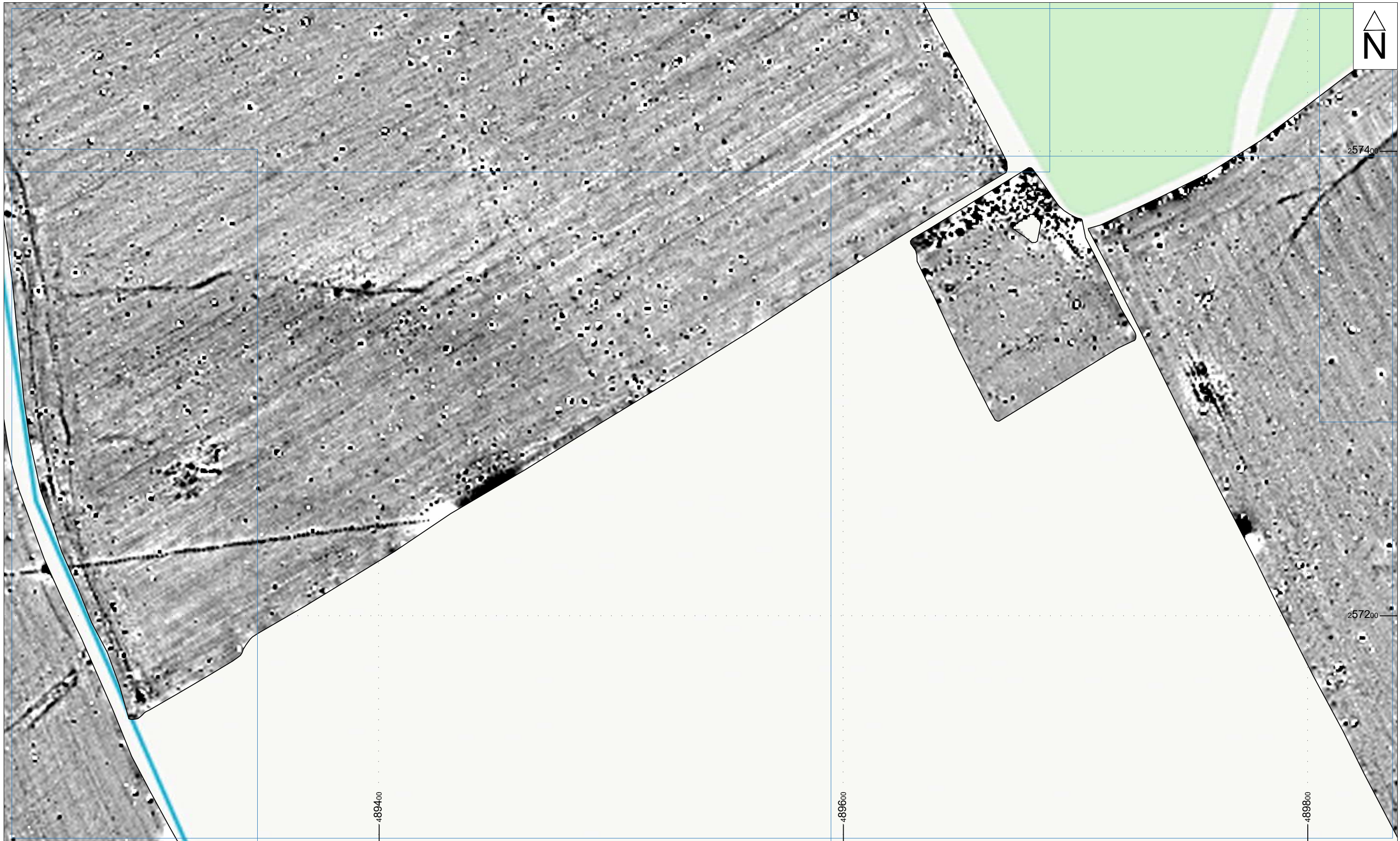
1:1500 @ A3



Title

 SECTOR BOUNDARY

Interpretation					
	FERROUS		RIDGE & FURROW		GEOLOGY
	MAGNETIC DISTURBANCE		AGRICULTURAL		UNCERTAIN
	FIELD DRAIN		FORMER FIELD BOUNDARY		ARCHAEOLOGY?





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Fig. 71

Title

SECTOR BOUNDARY



0 50m
1:1500 @ A3