

Green Hill Solar Farm

EN010170

Environmental Statement

Appendix 12.4: Archaeological

Geophysical Survey Reports

(Part 6 of 10)

Prepared by: Lanpro

Date: May 2025

Document Reference: APP/GH6.3.12.4

APFP Regulation 5(2)(a)





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Project ID: XK77_EXG23 Area F

XY trace plot of minimally processed magnetometer data;
Sector 8

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Title



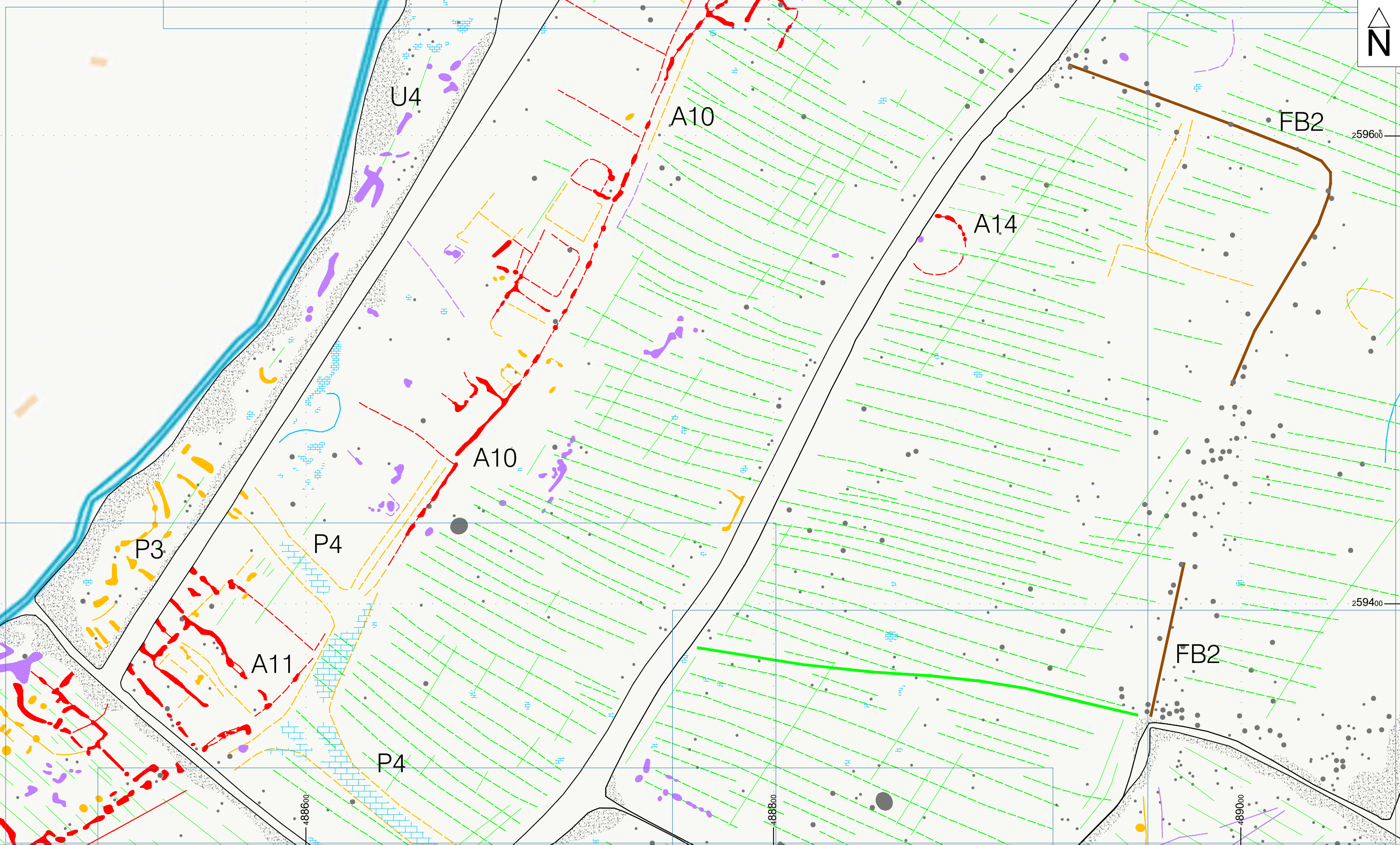
SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3

Fig. 27





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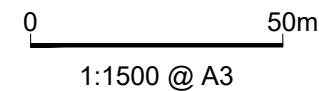
Project ID: XK77_EXG23 Area F

Interpretation of magnetometer data; Sector 8

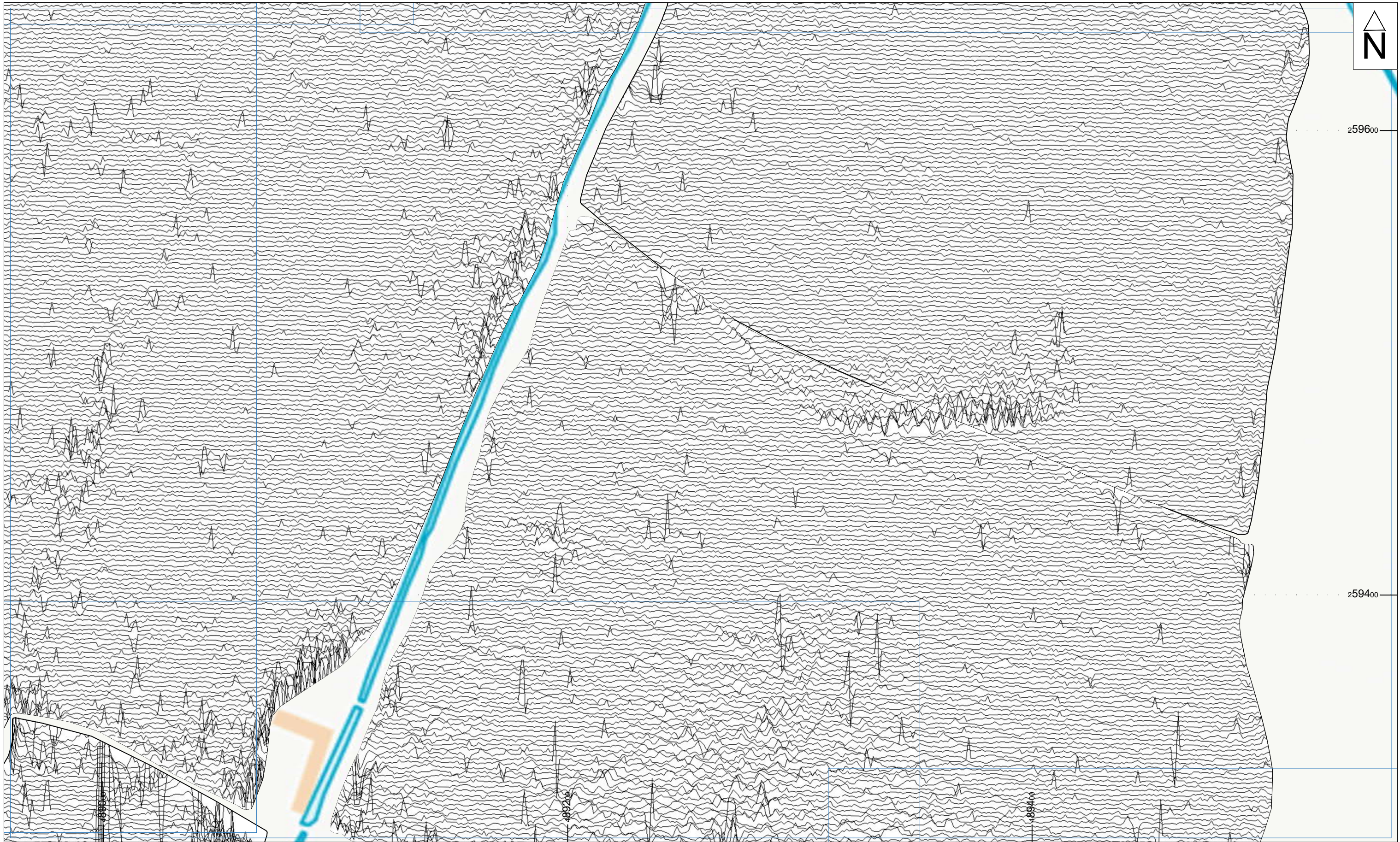
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Fig. 28

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









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XY trace plot of minimally processed magnetometer data;
Sector 9

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Fig. 30

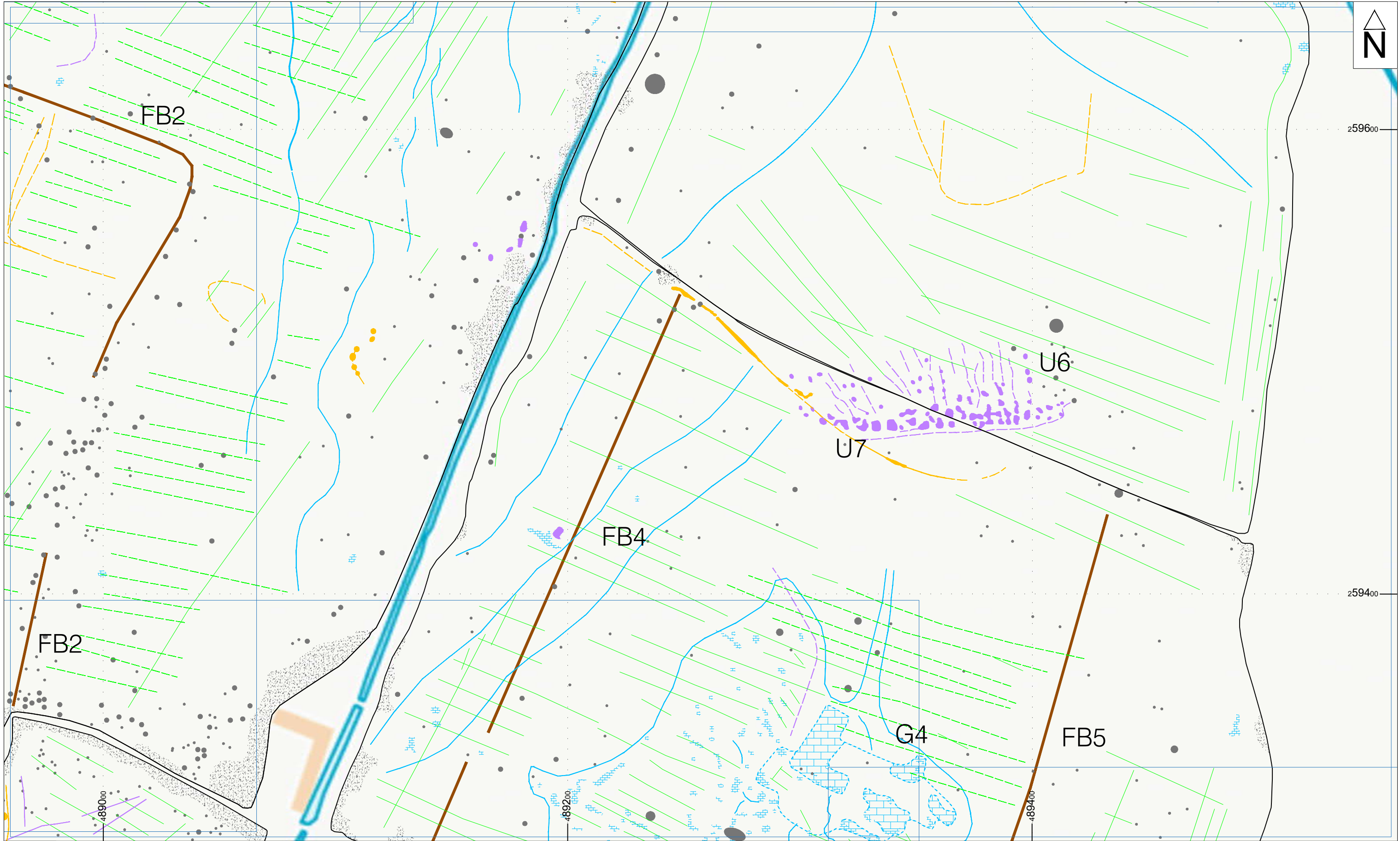
Title

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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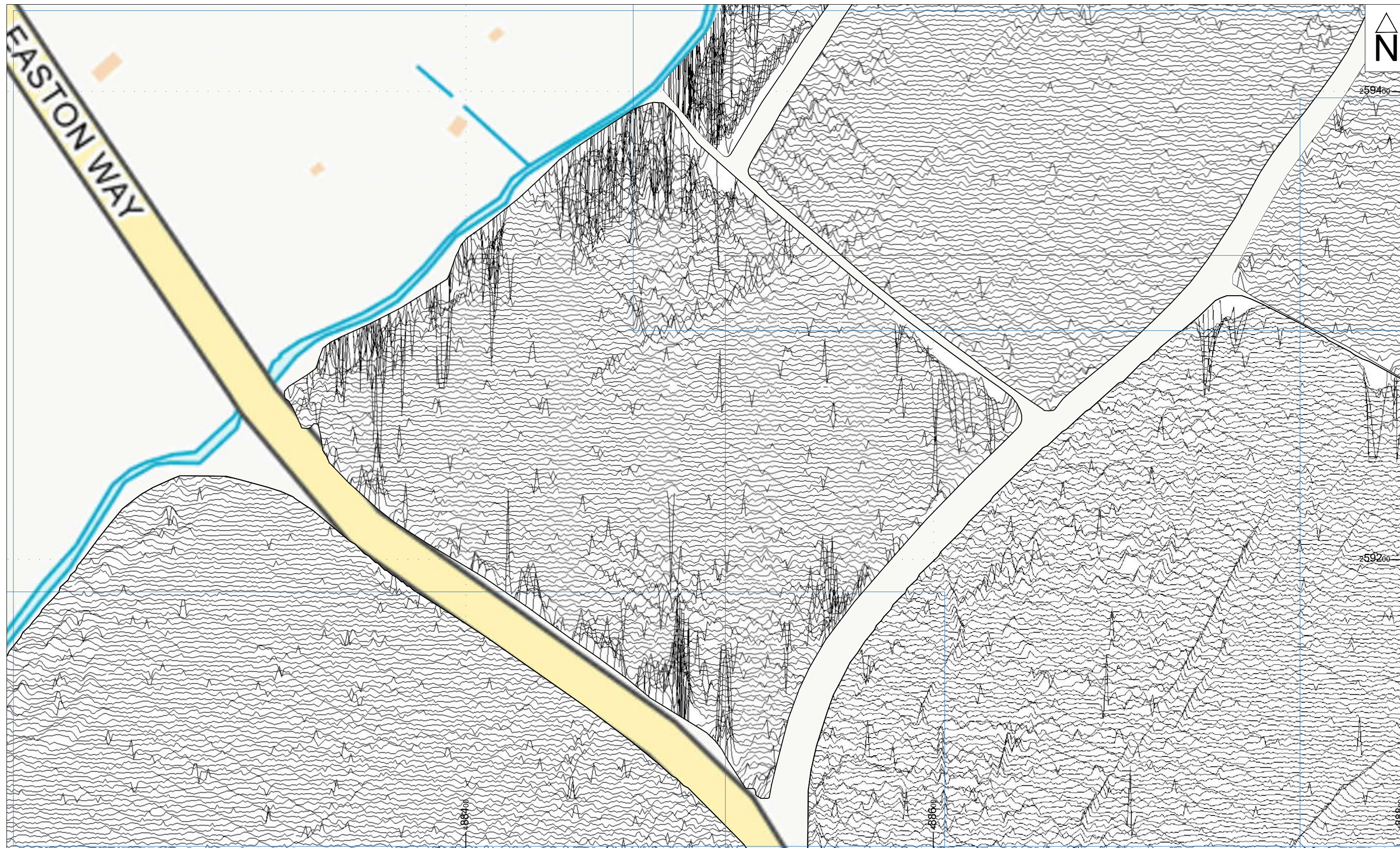
Fig. 32

Title

SECTOR BOUNDARY



0 50m
1:1500 @ A3



Title

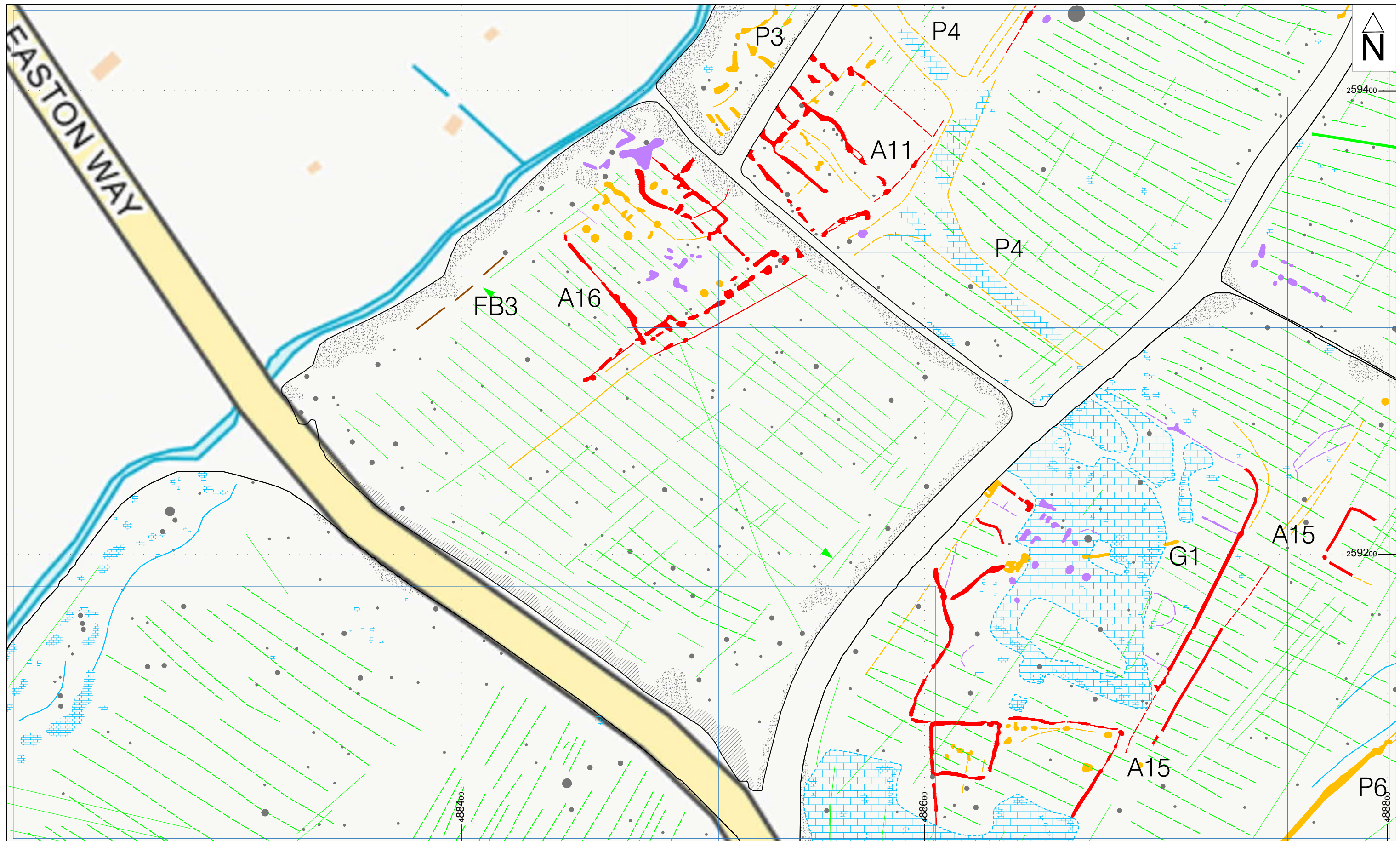
 SECTOR BOUNDARY

15.0 nT/cm

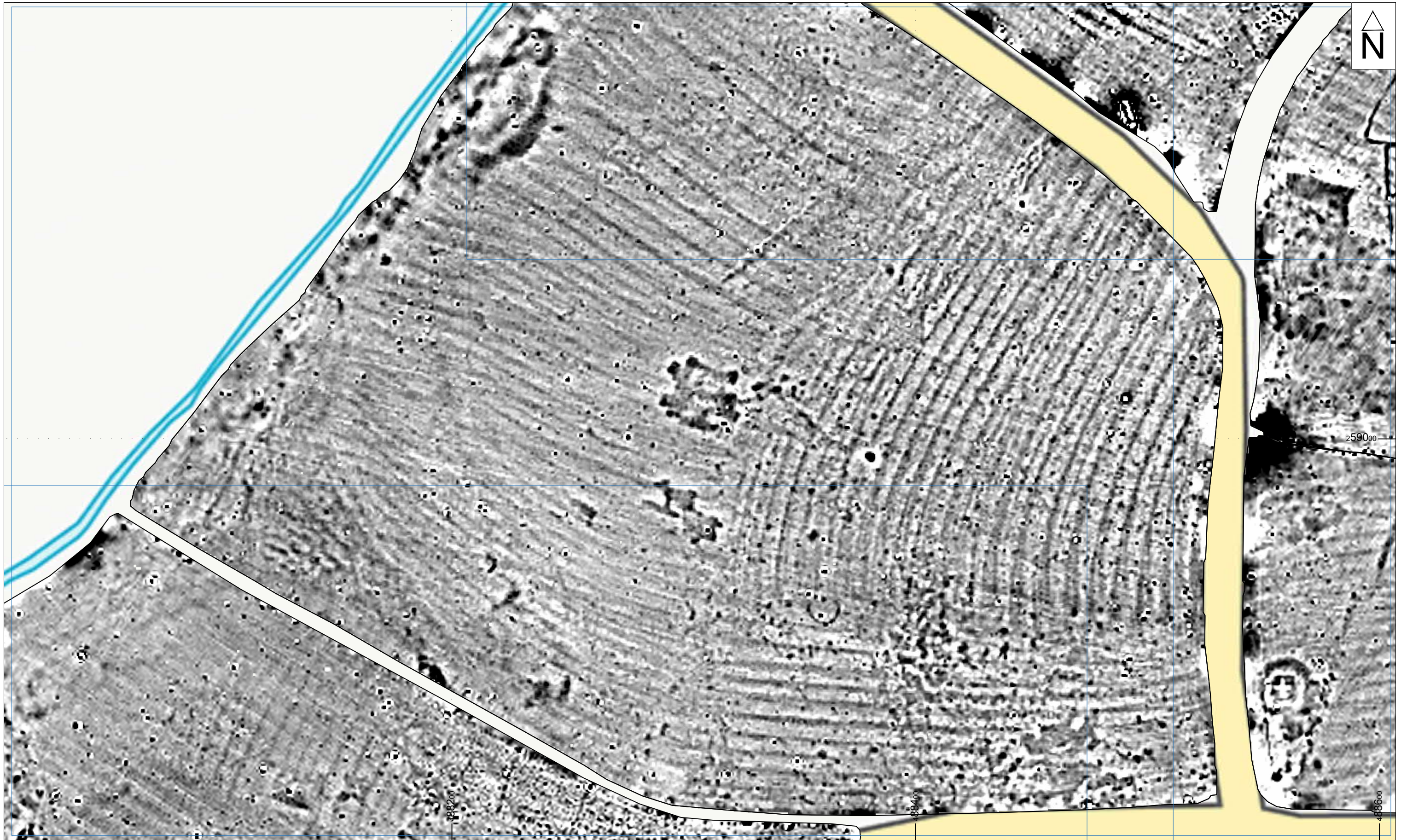
0 50m

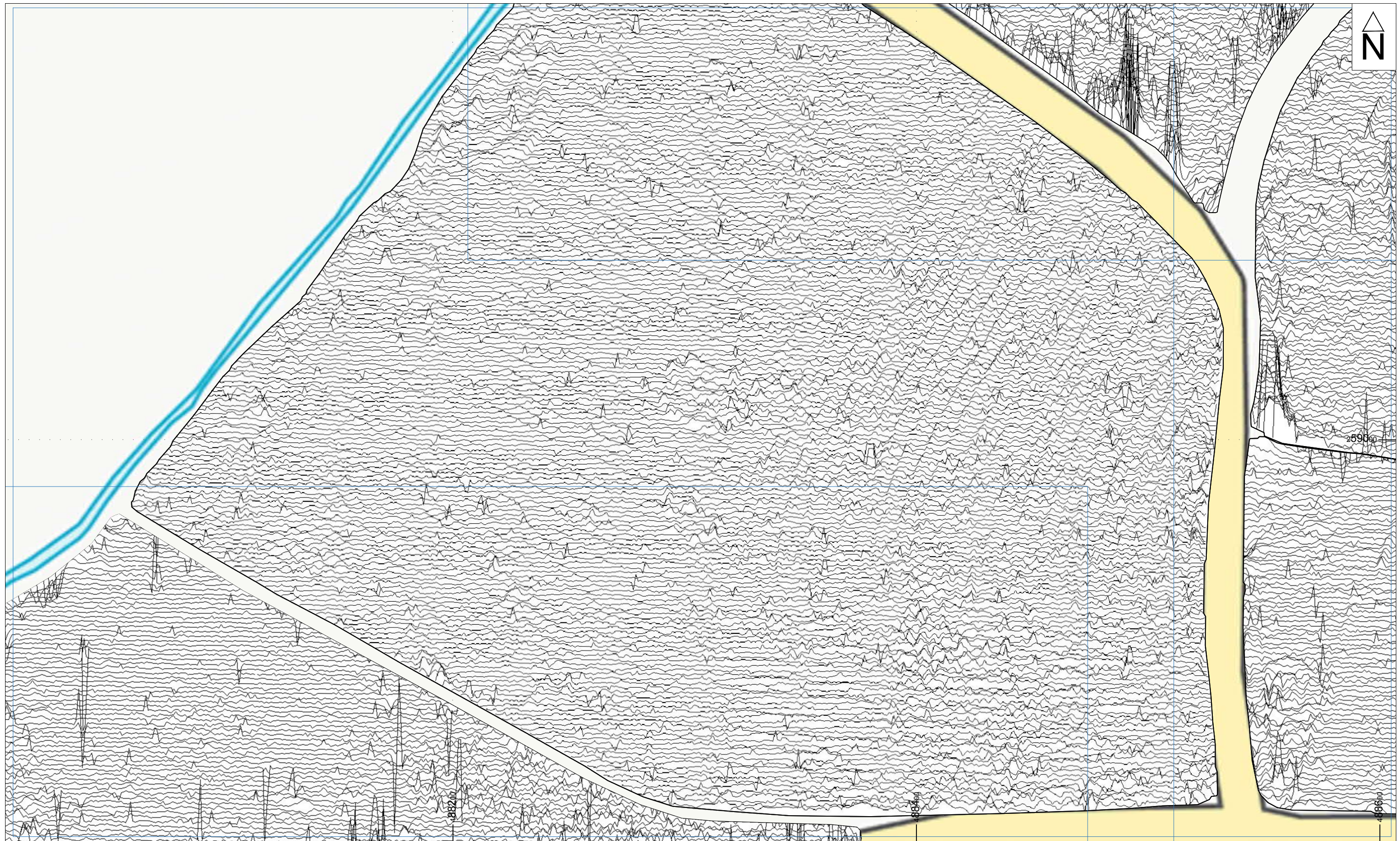
1:1500 @ A3

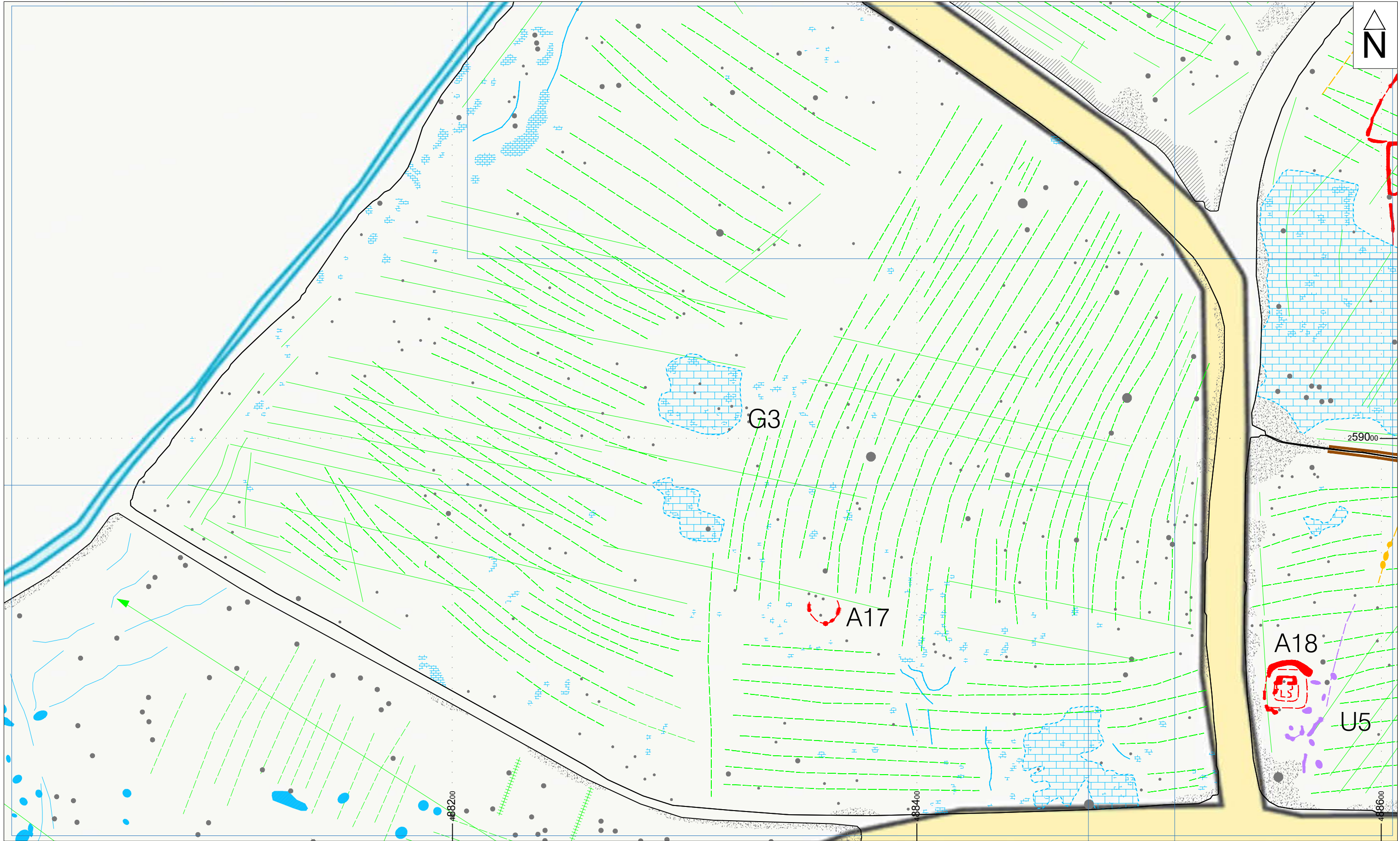
Fig. 33



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









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Fig. 37

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

0 50m
1:1500 @ A3



Title

 SECTOR BOUNDARY

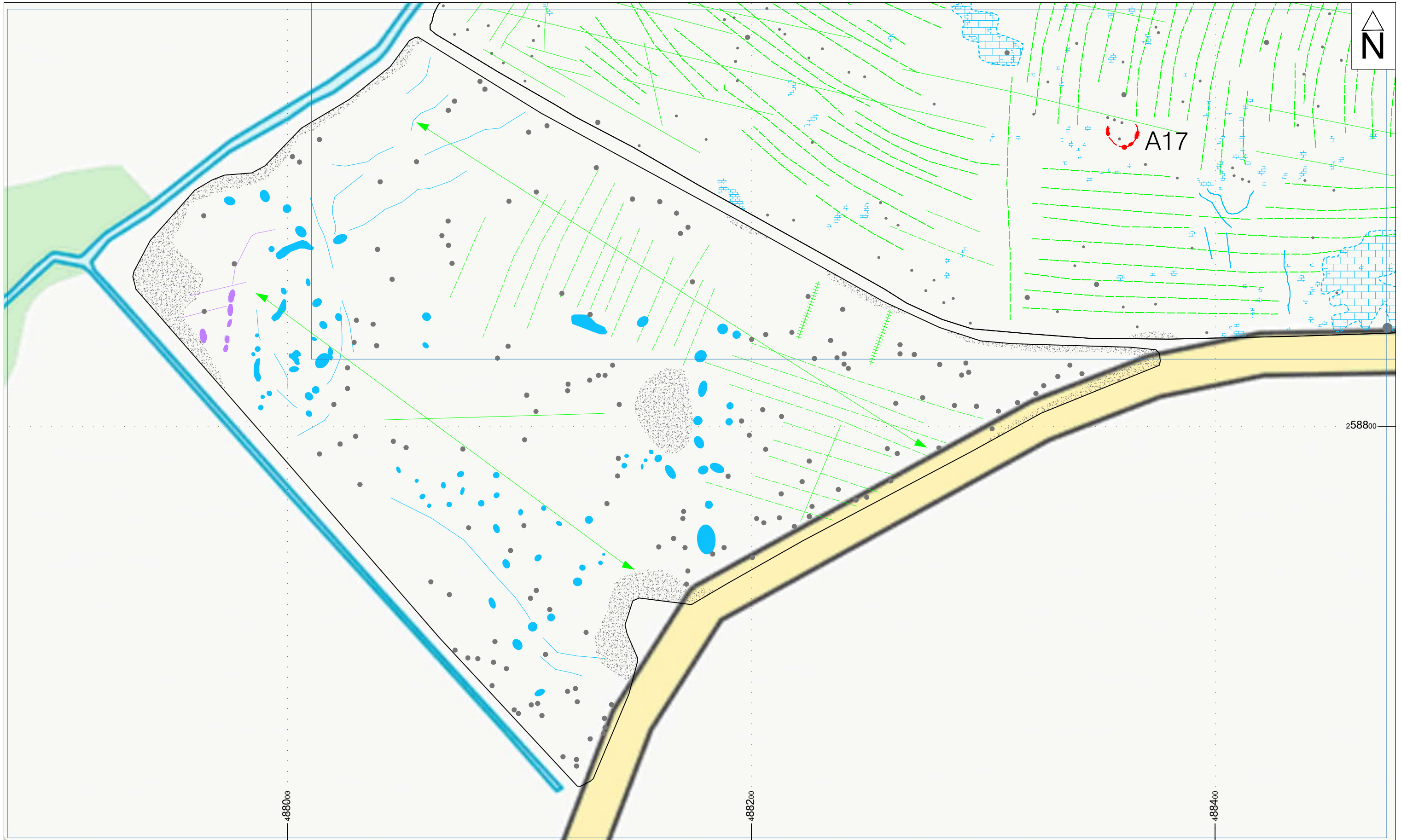


0 50m

1:1500 @ A3

Fig. 38

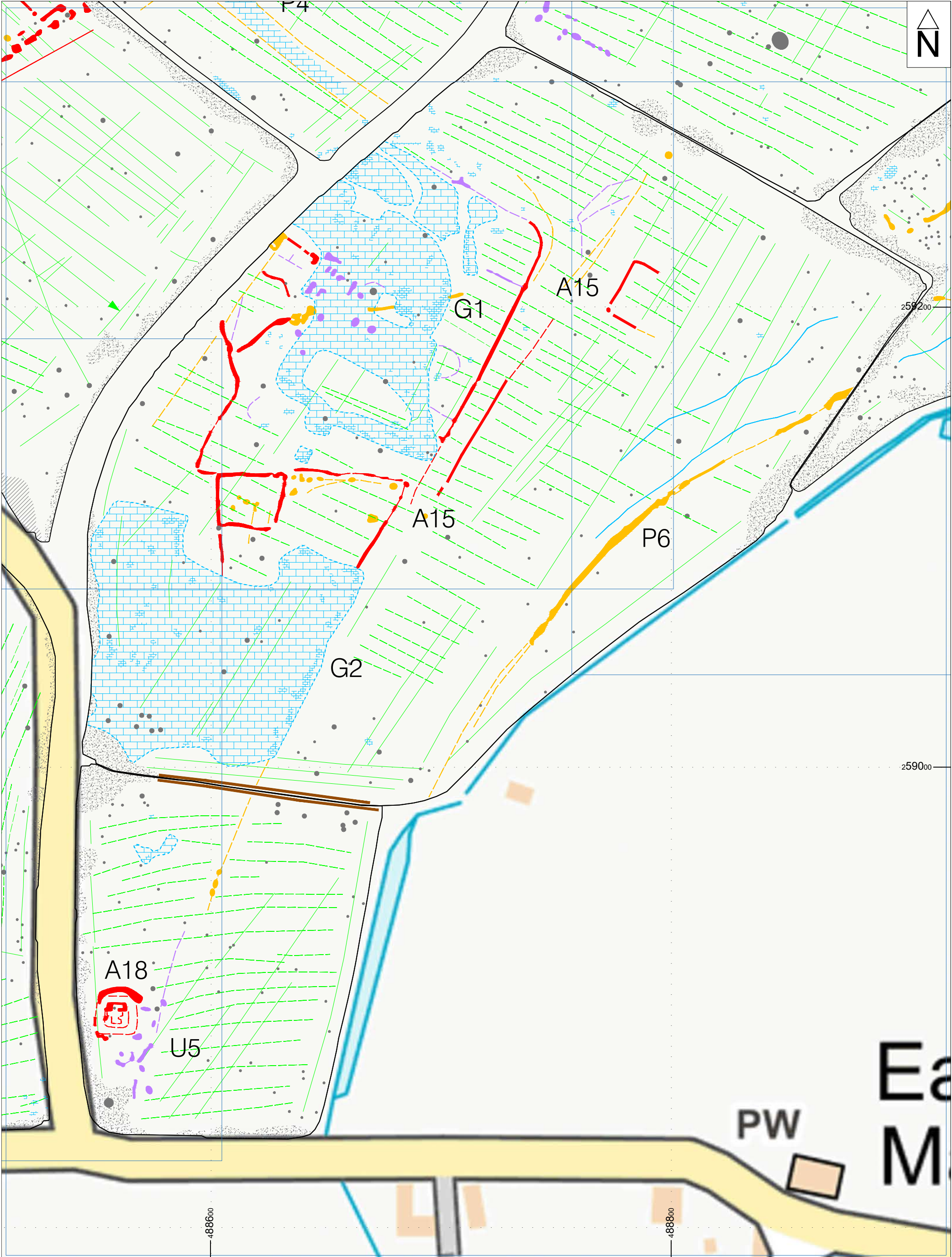




Title		Interpretation			
	SECTOR BOUNDARY		FERROUS		RIDGE & FURROW
			MAGNETIC DISTURBANCE		AGRICULTURAL
					GEOLOGY
					UNCERTAIN
					ARCHAEOLOGY?









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Title

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

Interpretation

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

0 50m

1:1500 @ A3

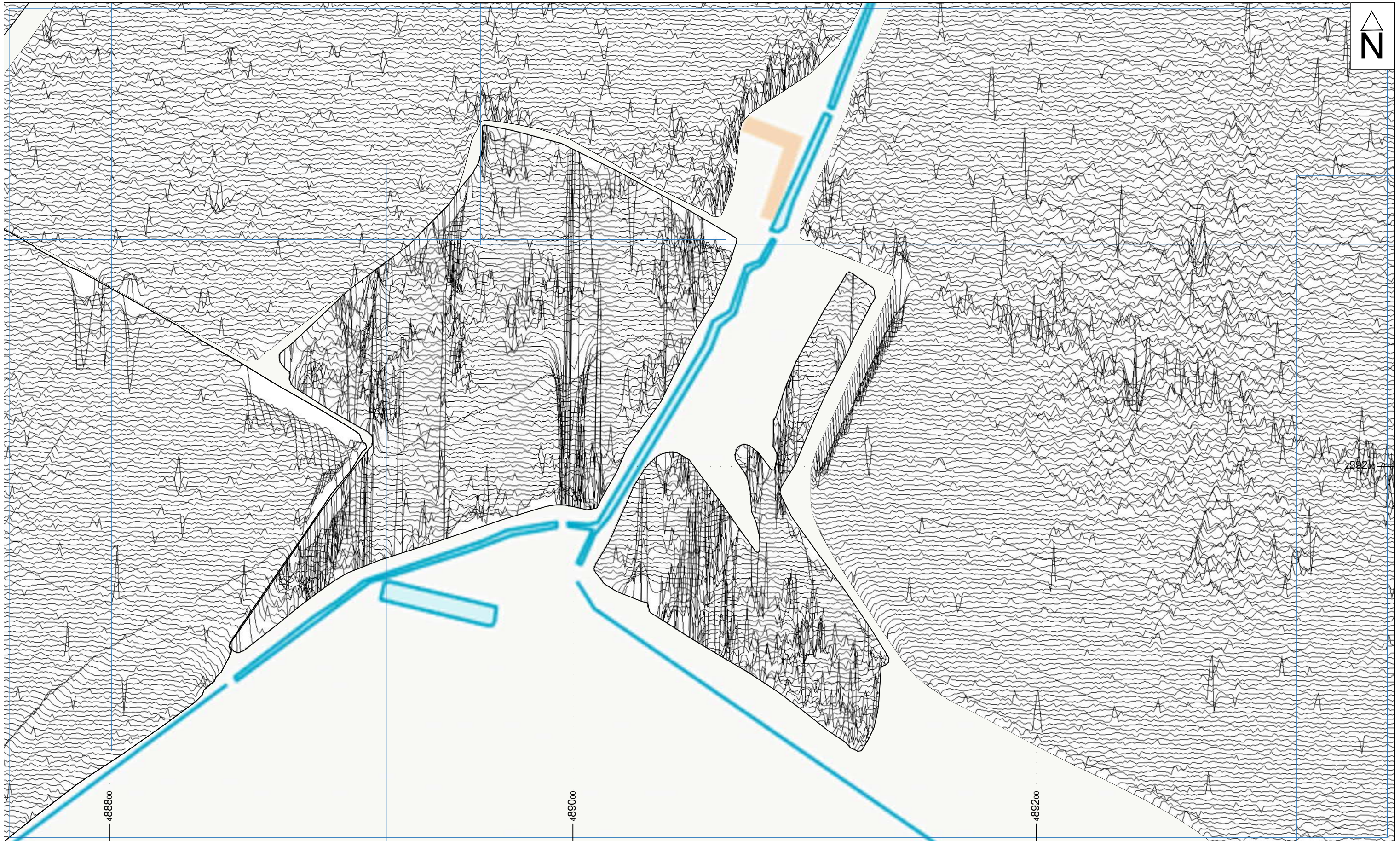
Fig. 43

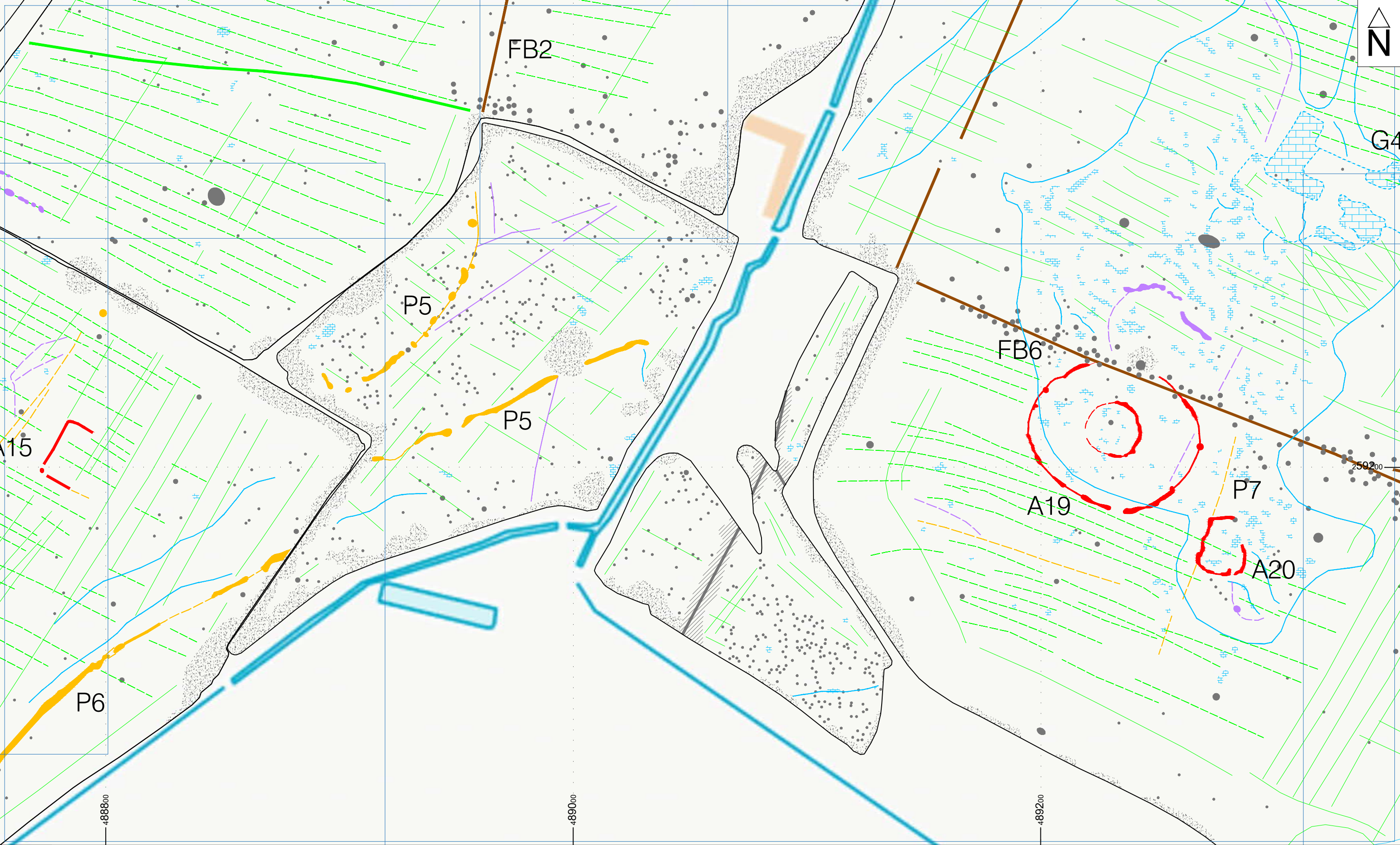


Title

 SECTOR BOUNDARY









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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

0

50m

1:1500 @ A3



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

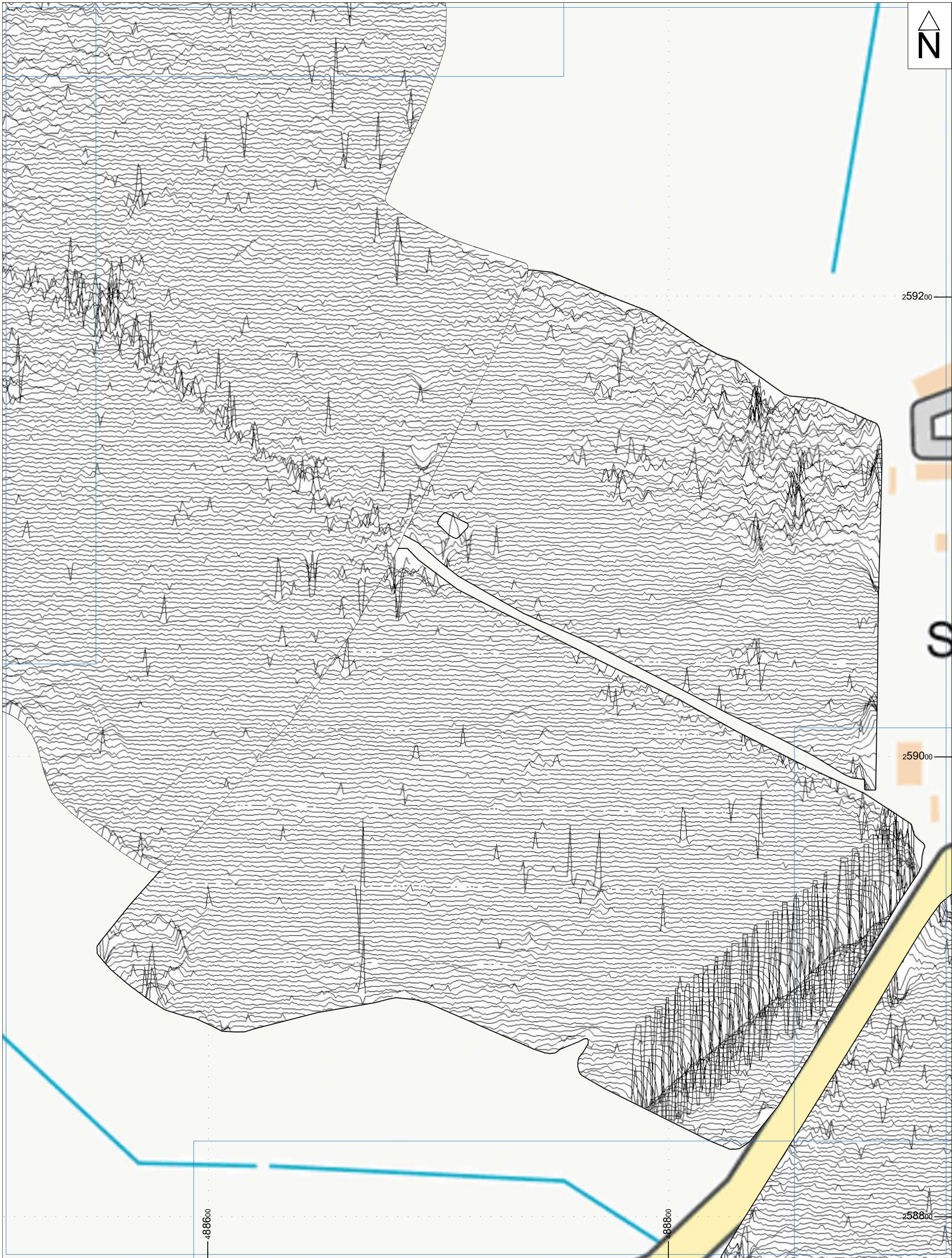
nT

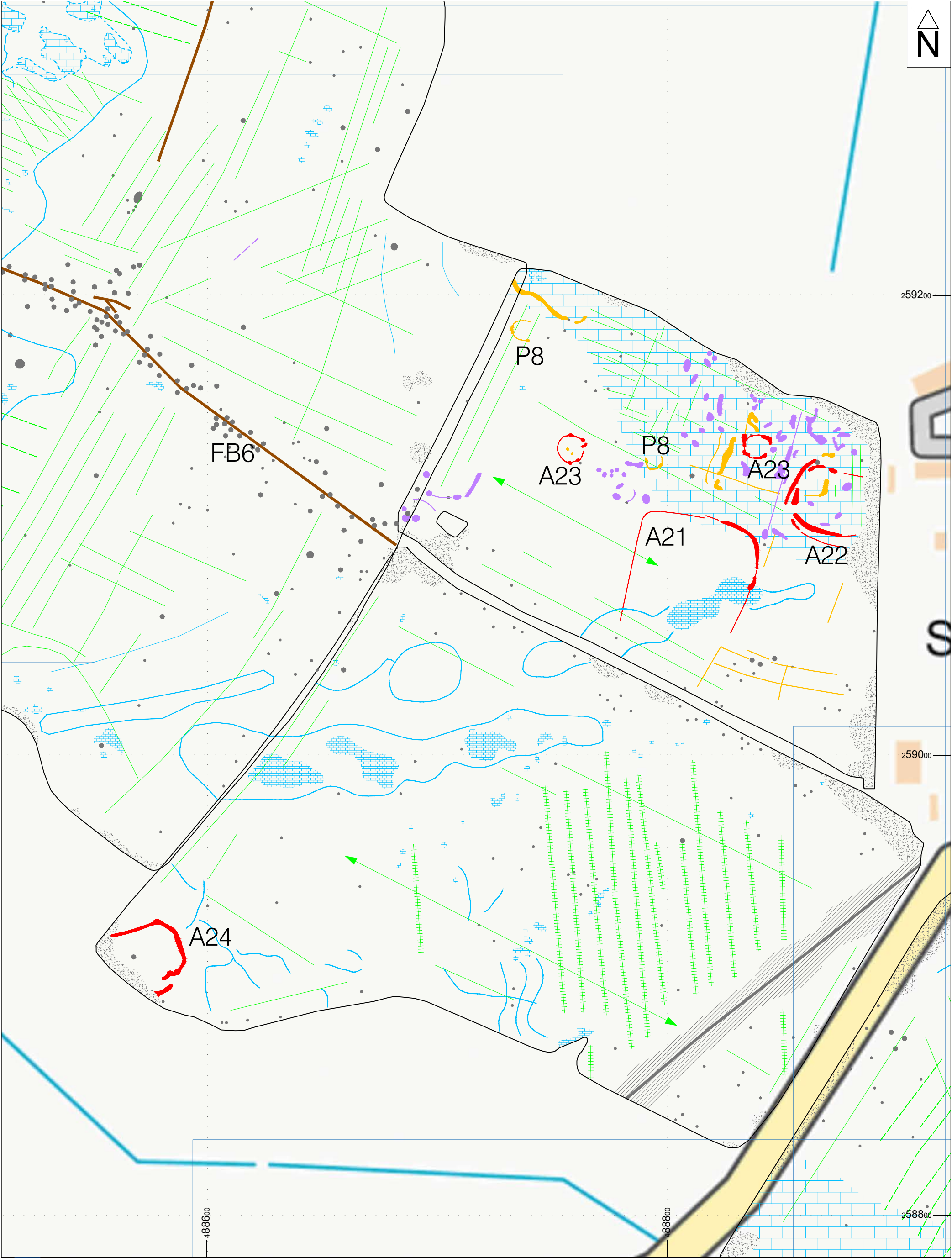
-1.0

2.0

0 50m

1:1500 @ A3







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Interpretation of magnetometer data; Sector 15

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Fig. 49

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

0 50m

1:1500 @ A3





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Title

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

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Processed greyscale magnetometer data; Sector 16

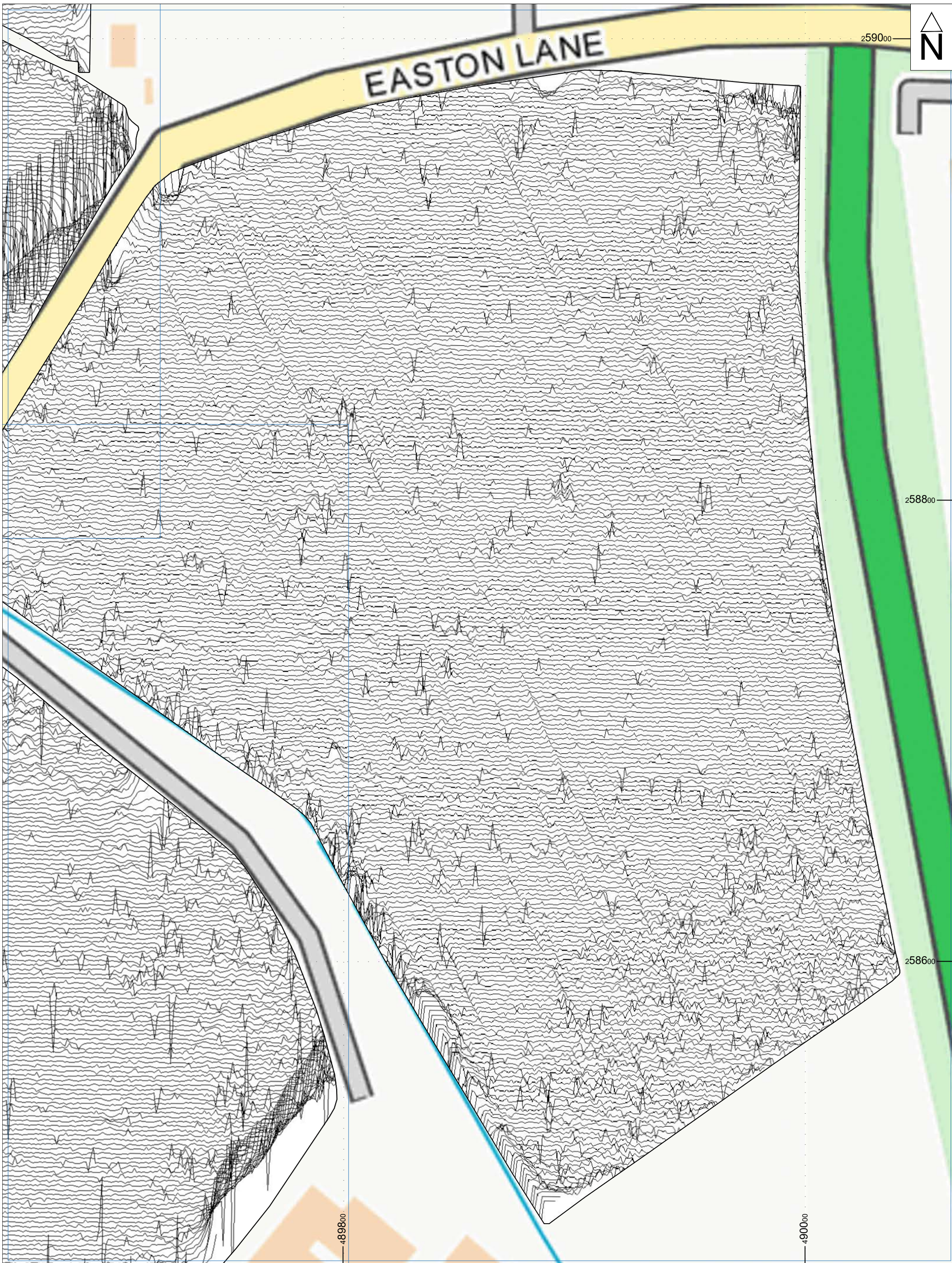
nT 

0 50m

1:1500 @ A3

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Fig. 50





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Sector 16

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Title

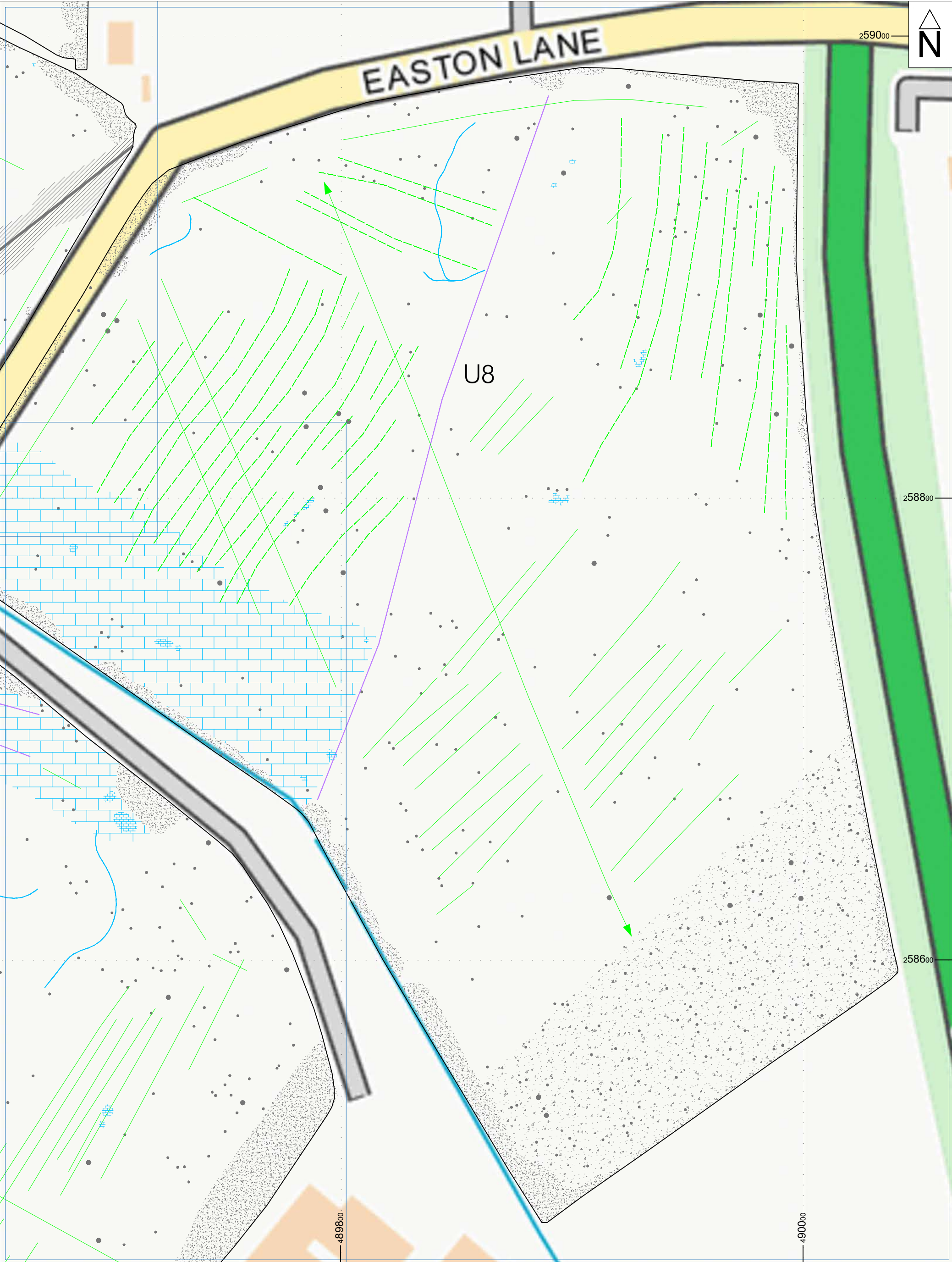
	SECTOR BOUNDARY
---	-----------------

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



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	SECTOR BOUNDARY	
	Project ID: XK77_EXG23 Area F	
Processed greyscale magnetometer data; Sector 17		
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Fig. 53

-1.0

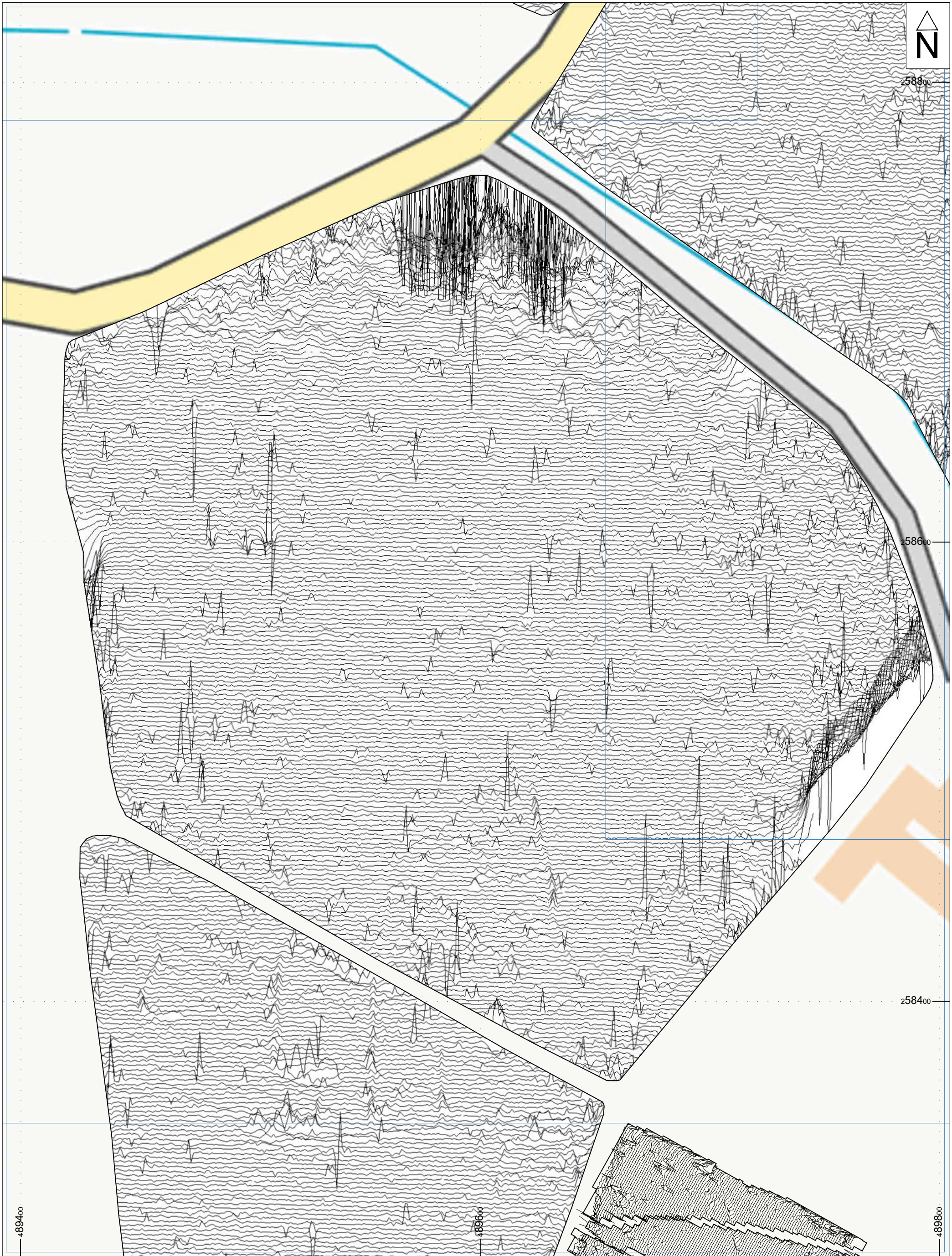
2.0

nT

0

50m

1:1500 @ A3





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XY trace plot of minimally processed magnetometer data;
Sector 17

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Title

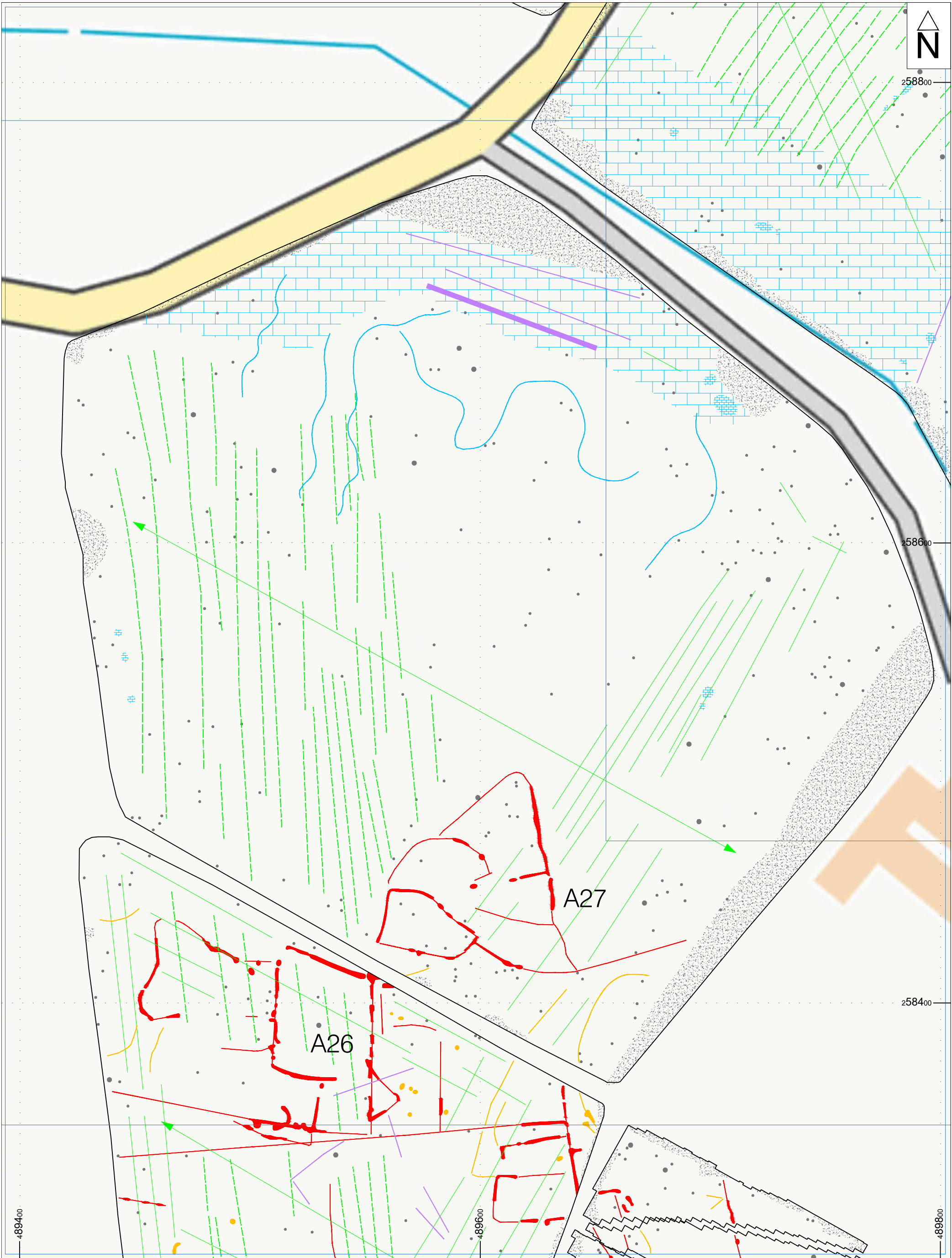
SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3

Fig. 54





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Interpretation of magnetometer data; Sector 17

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Title	
	SECTOR BOUNDARY

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

0 50m

1:1500 @ A3

Fig. 55



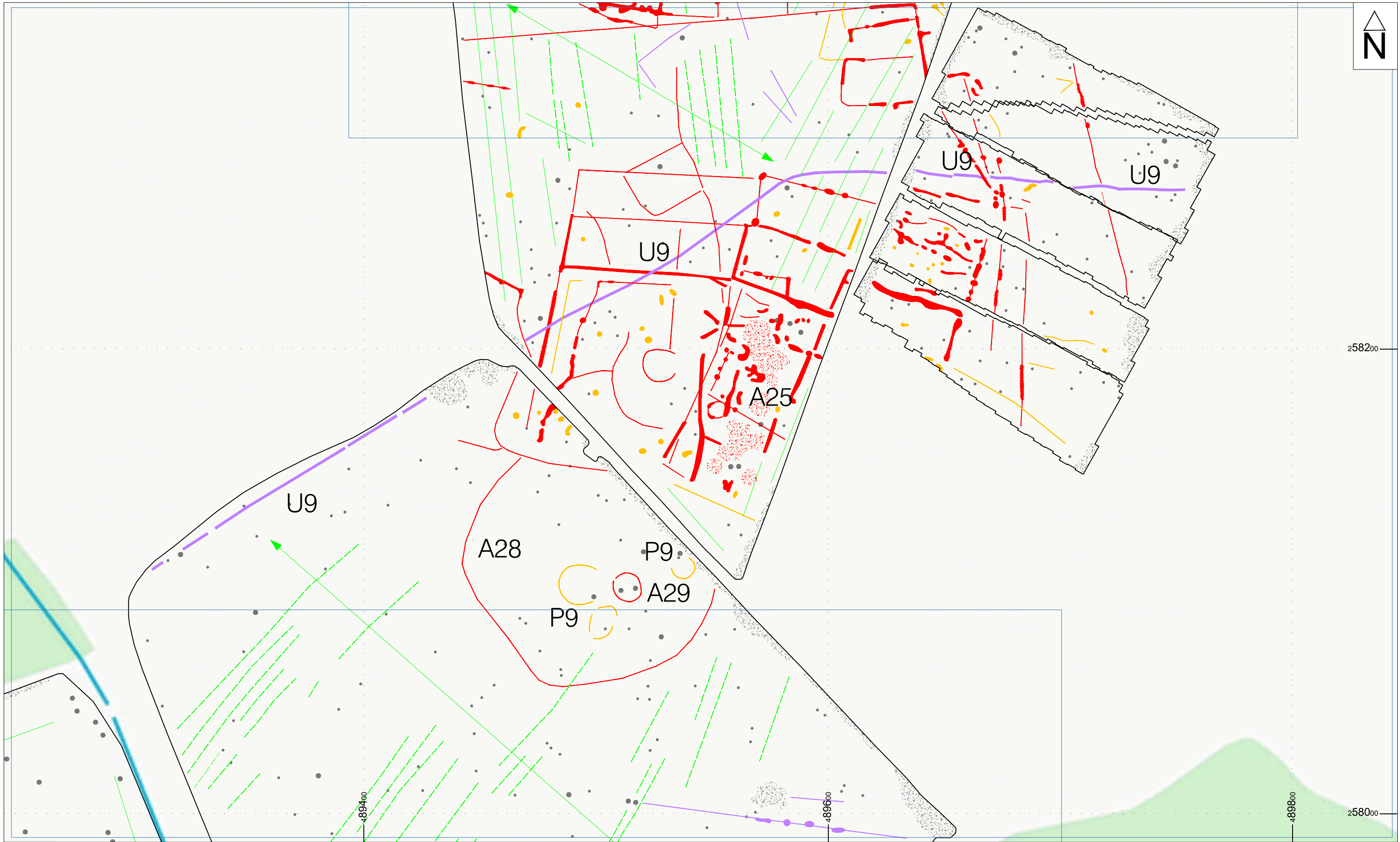
Title

SECTOR BOUNDARY

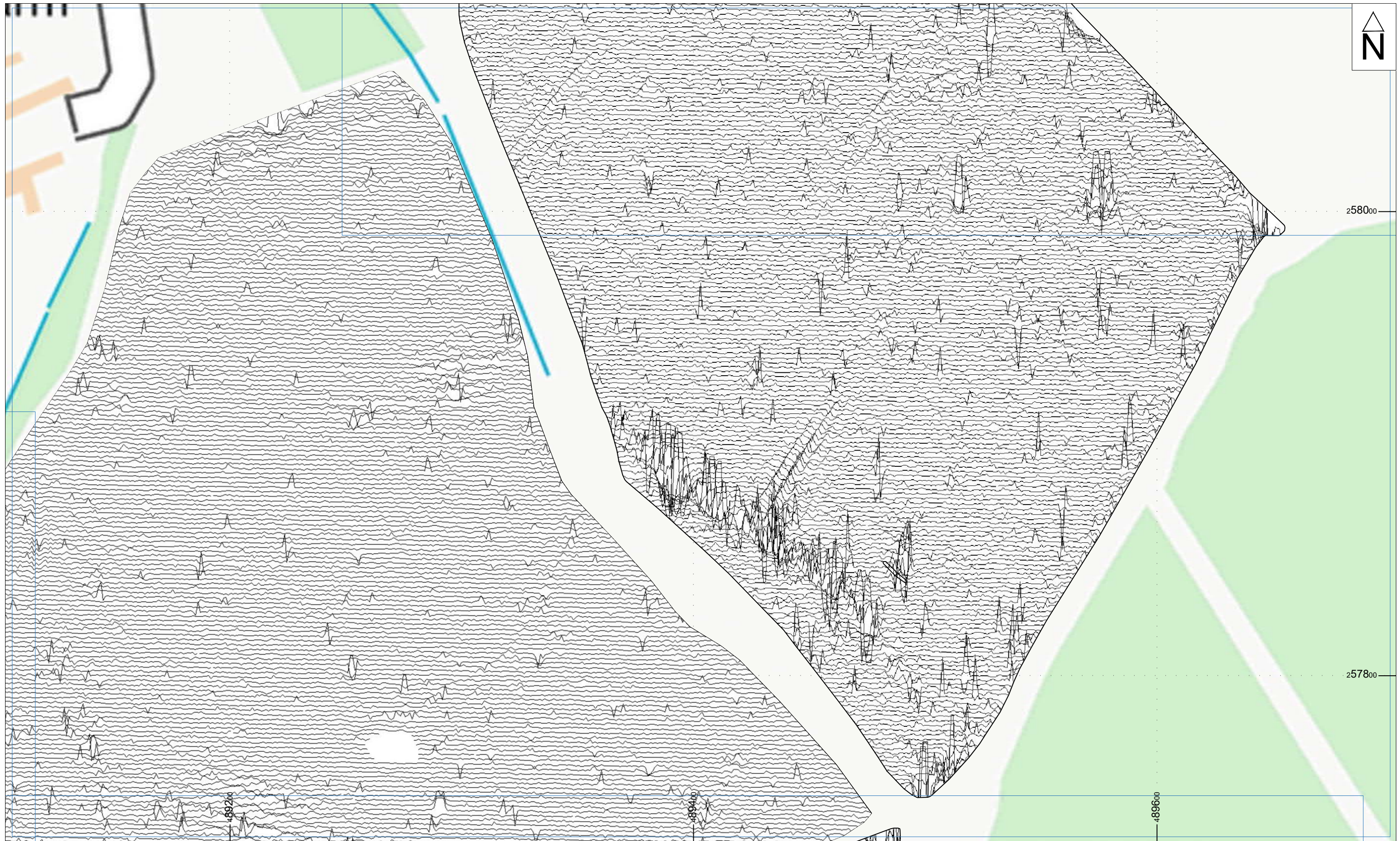


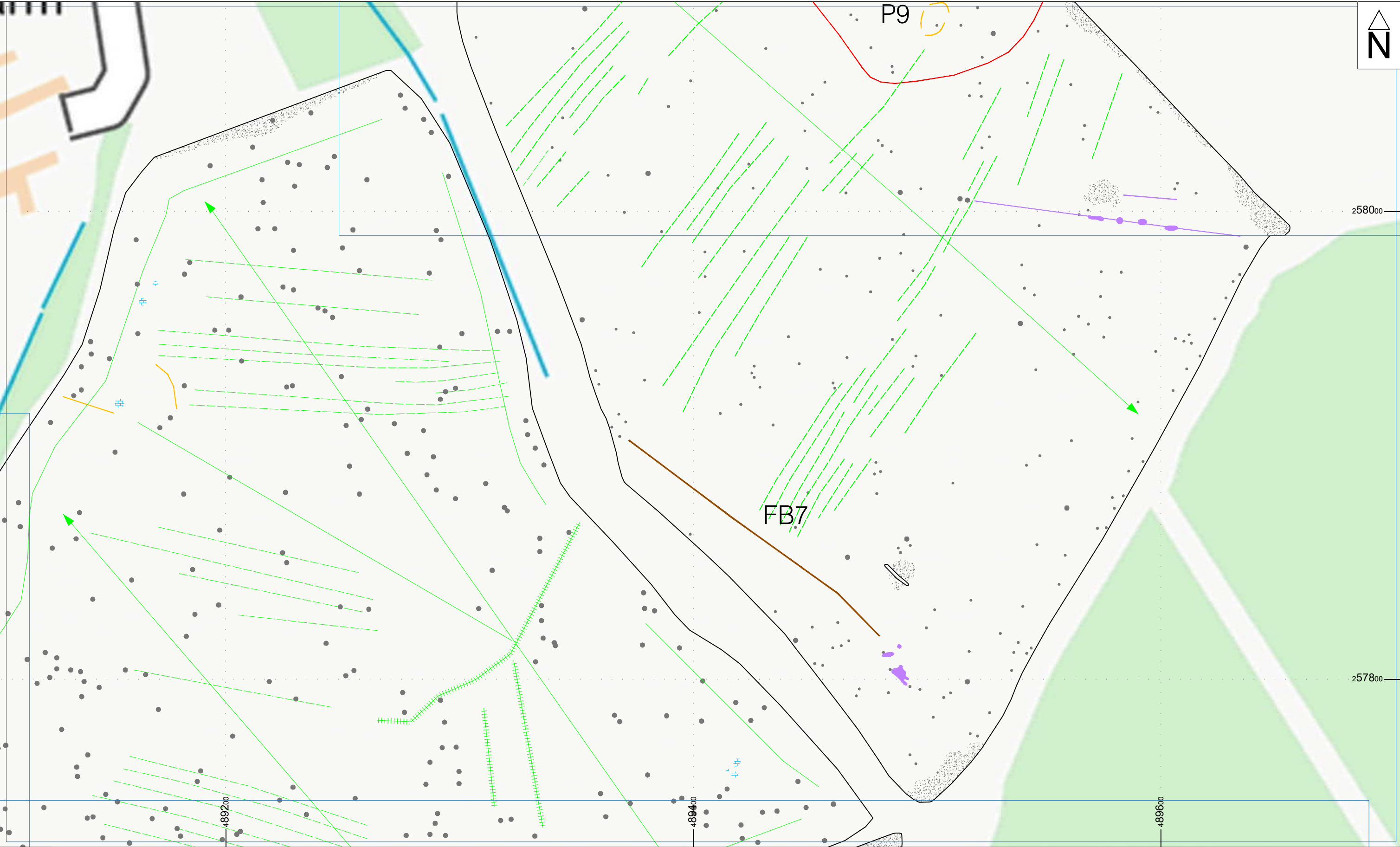
0 50m
1:1500 @ A3





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







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Interpretation of magnetometer data; Sector 19

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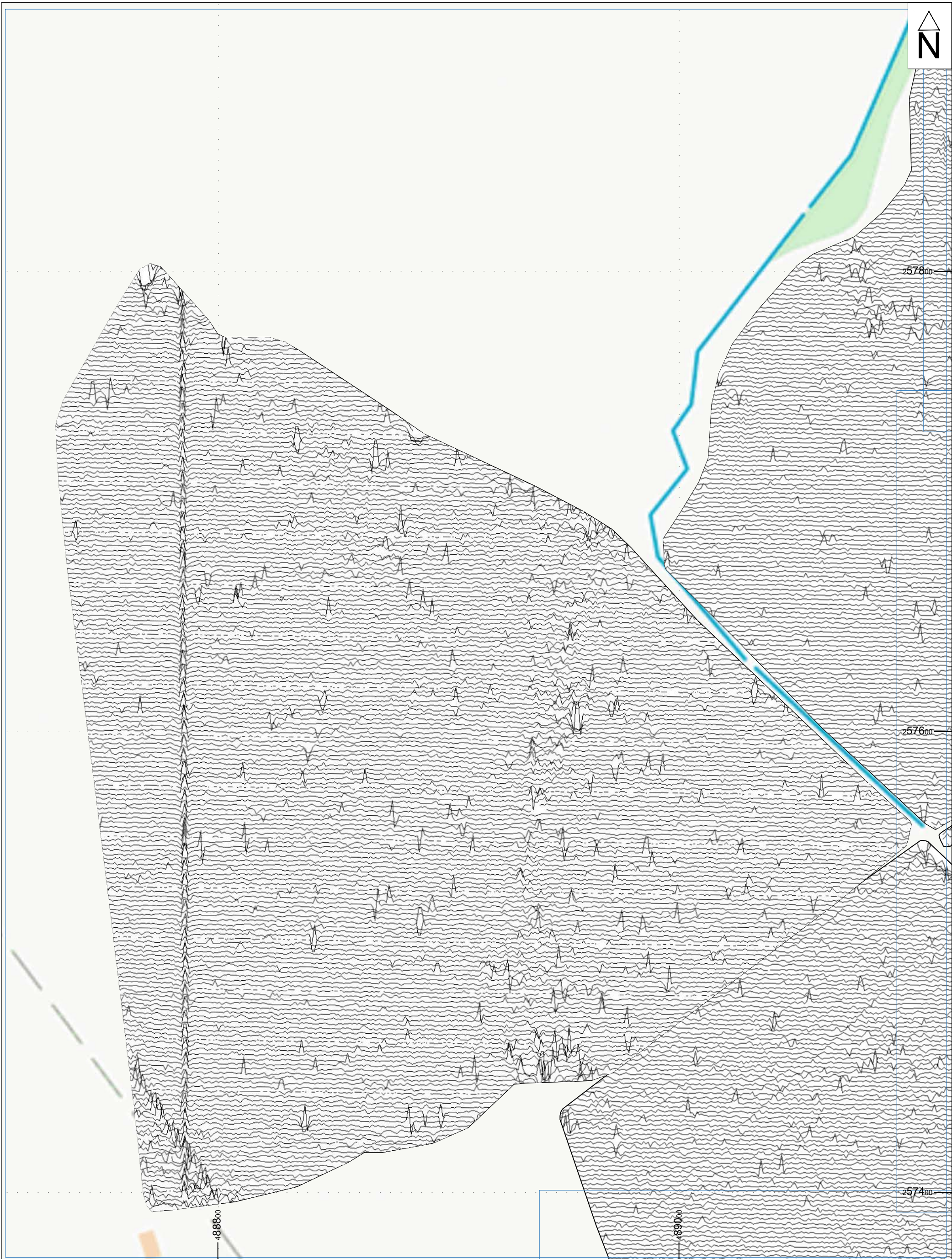
Fig. 61

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

050m

1:1500 @ A3





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XY trace plot of minimally processed magnetometer data;
Sector 20

Title

SECTOR BOUNDARY

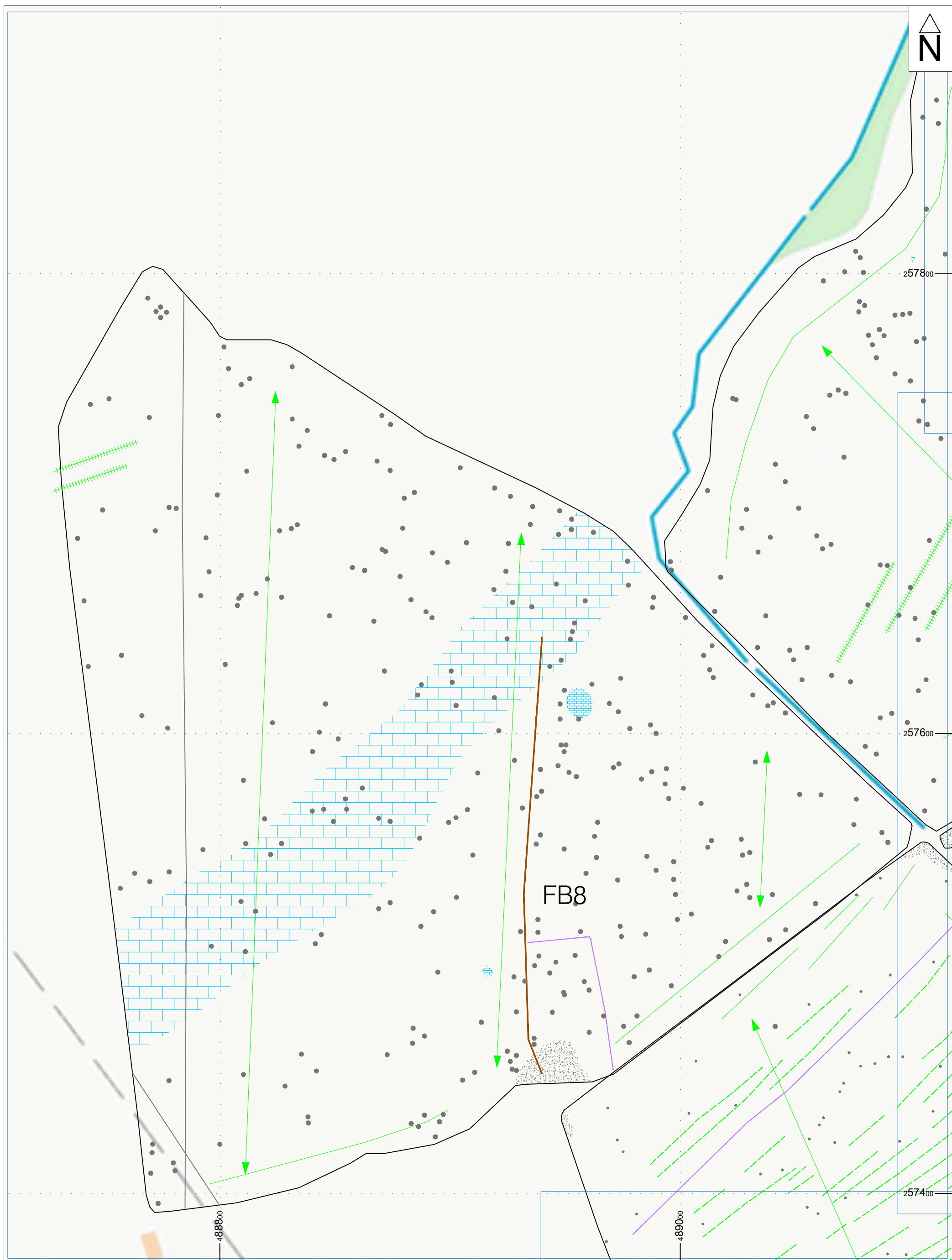
15.0 nT/cm

0 50m

1:1500 @ A3

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Fig. 63



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

Fig. 64



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Processed greyscale magnetometer data; Sector 21

Title

SECTOR BOUNDARY

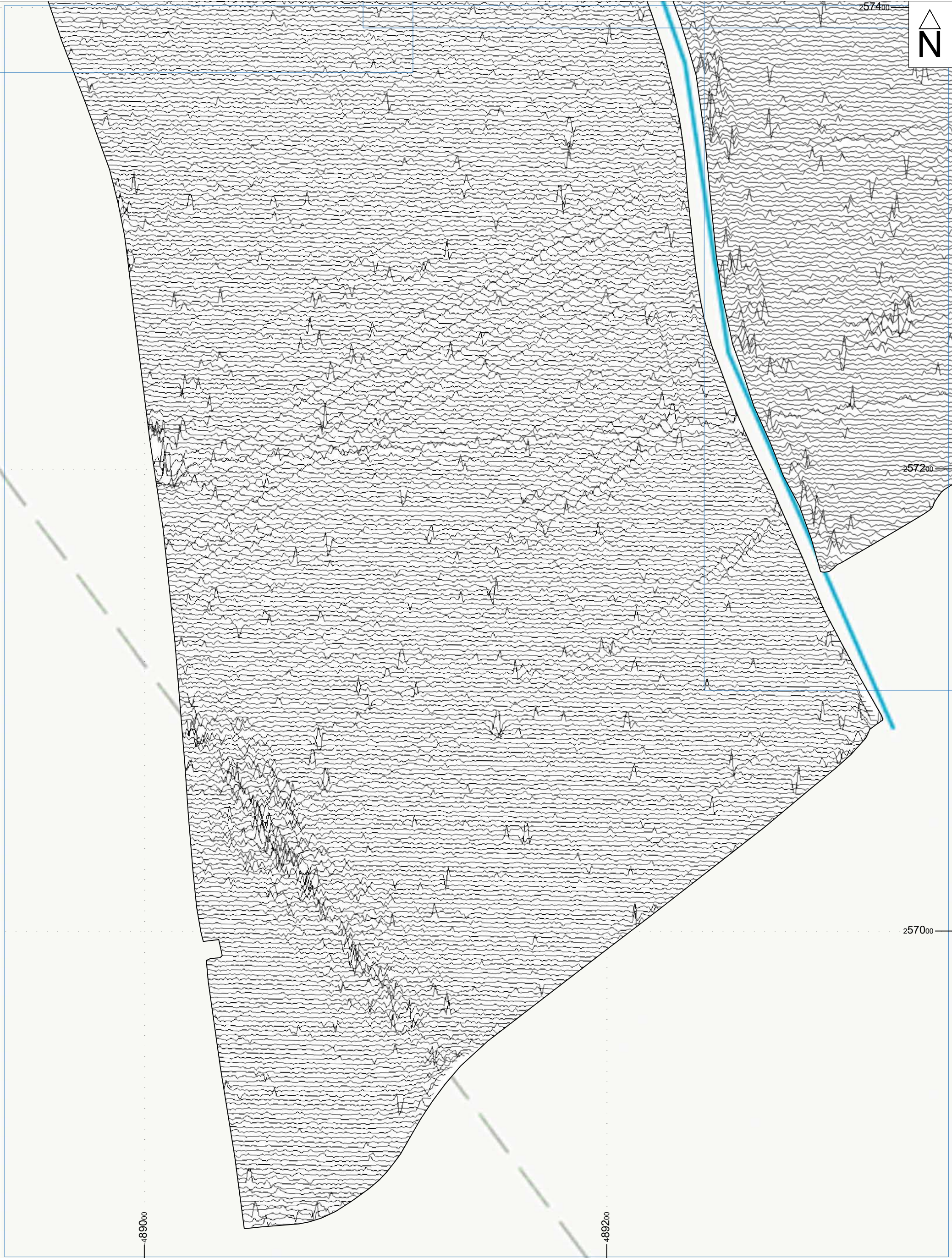


0 50m

1:1500 @ A3

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Fig. 65





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XY trace plot of minimally processed magnetometer data;
Sector 21

Title

 SECTOR BOUNDARY

15.0 nT/cm

0 50m

1:1500 @ A3

Fig. 66

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Interpretation of magnetometer data; Sector 21

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

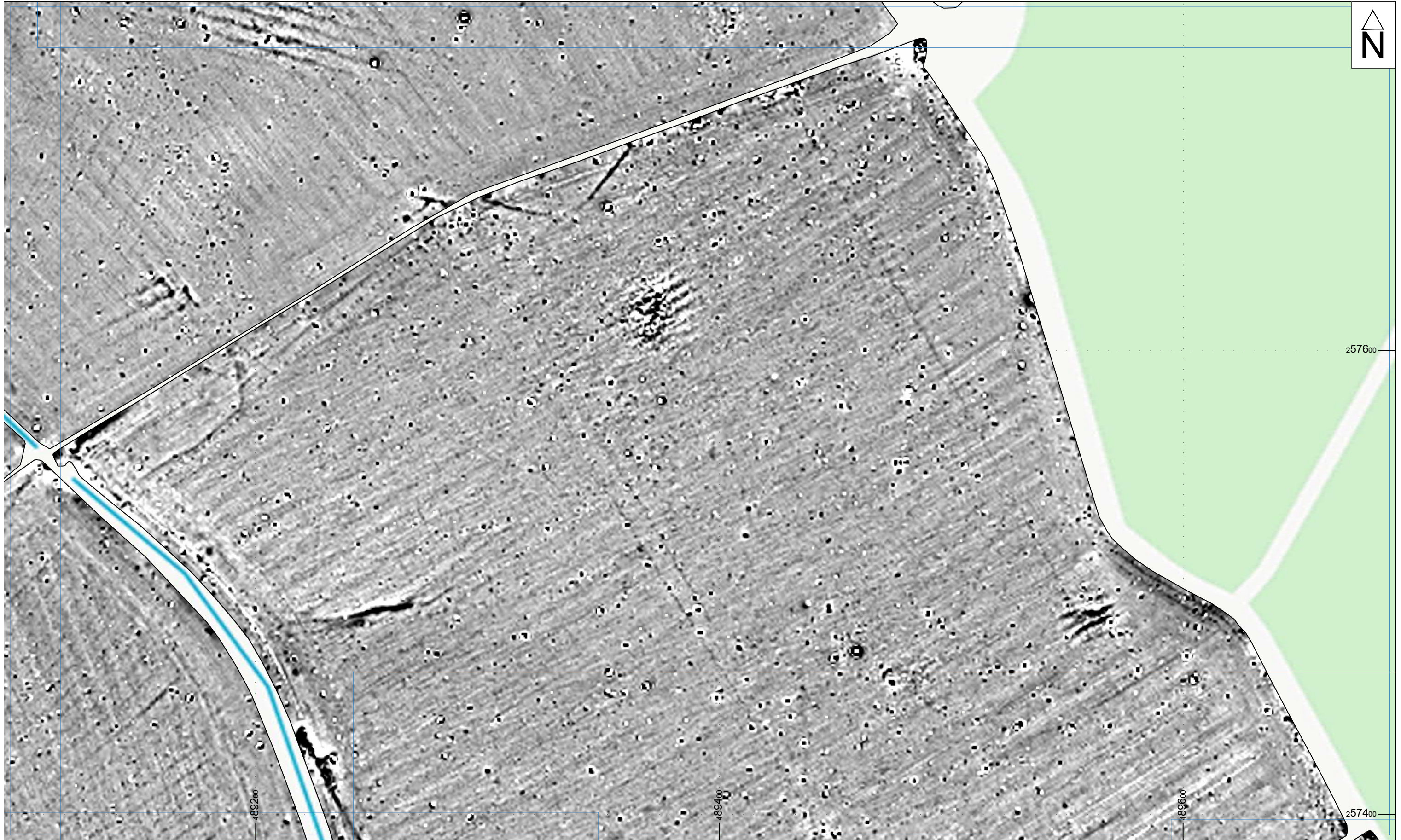
0

50m

1:1500 @ A3

Fig. 67

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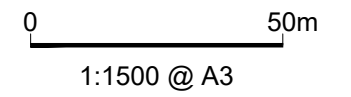
Processed greyscale magnetometer data; Sector 22

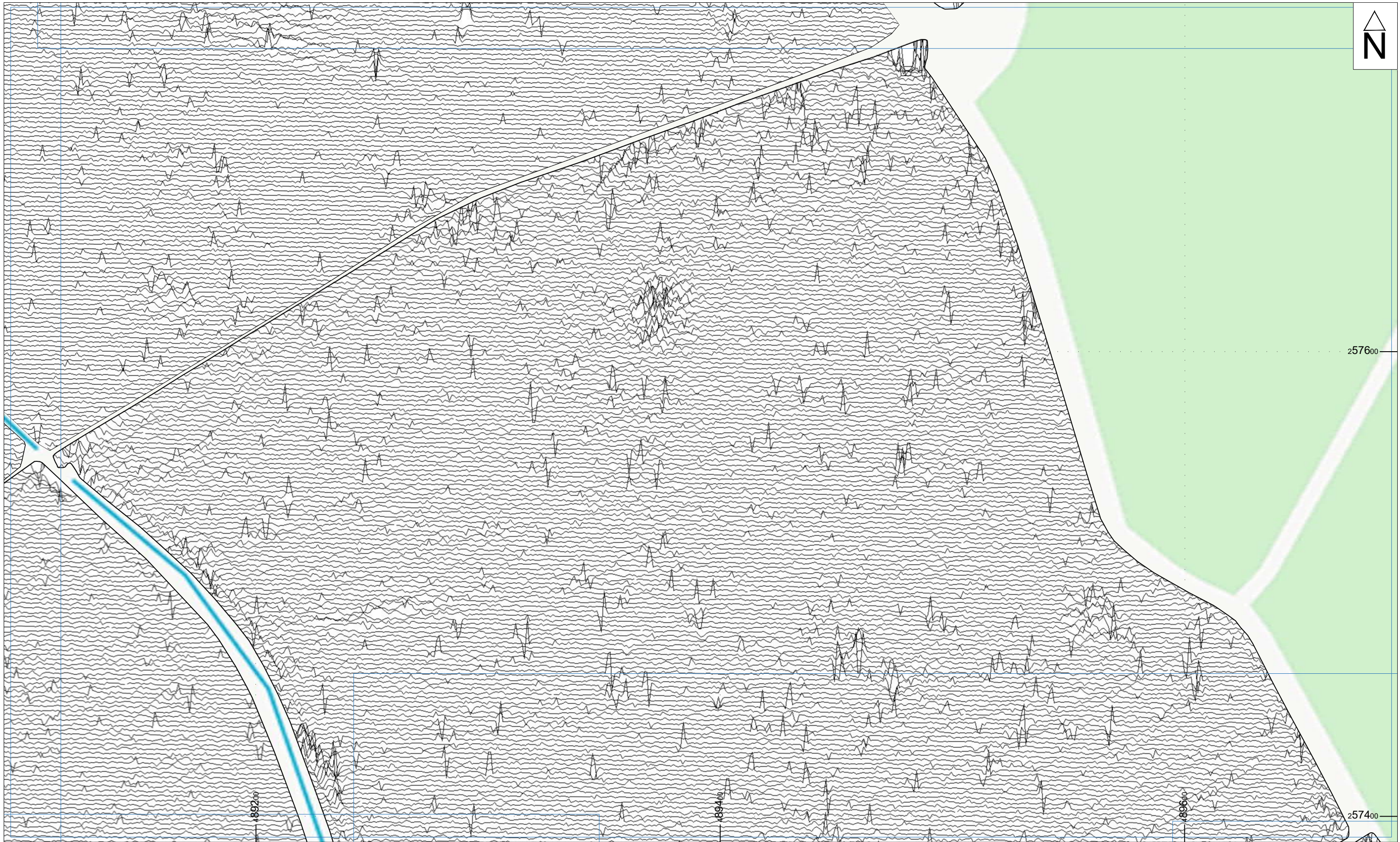
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Fig. 68

Title

 SECTOR BOUNDARY







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XY trace plot of minimally processed magnetometer data;
Sector 22

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Fig. 69

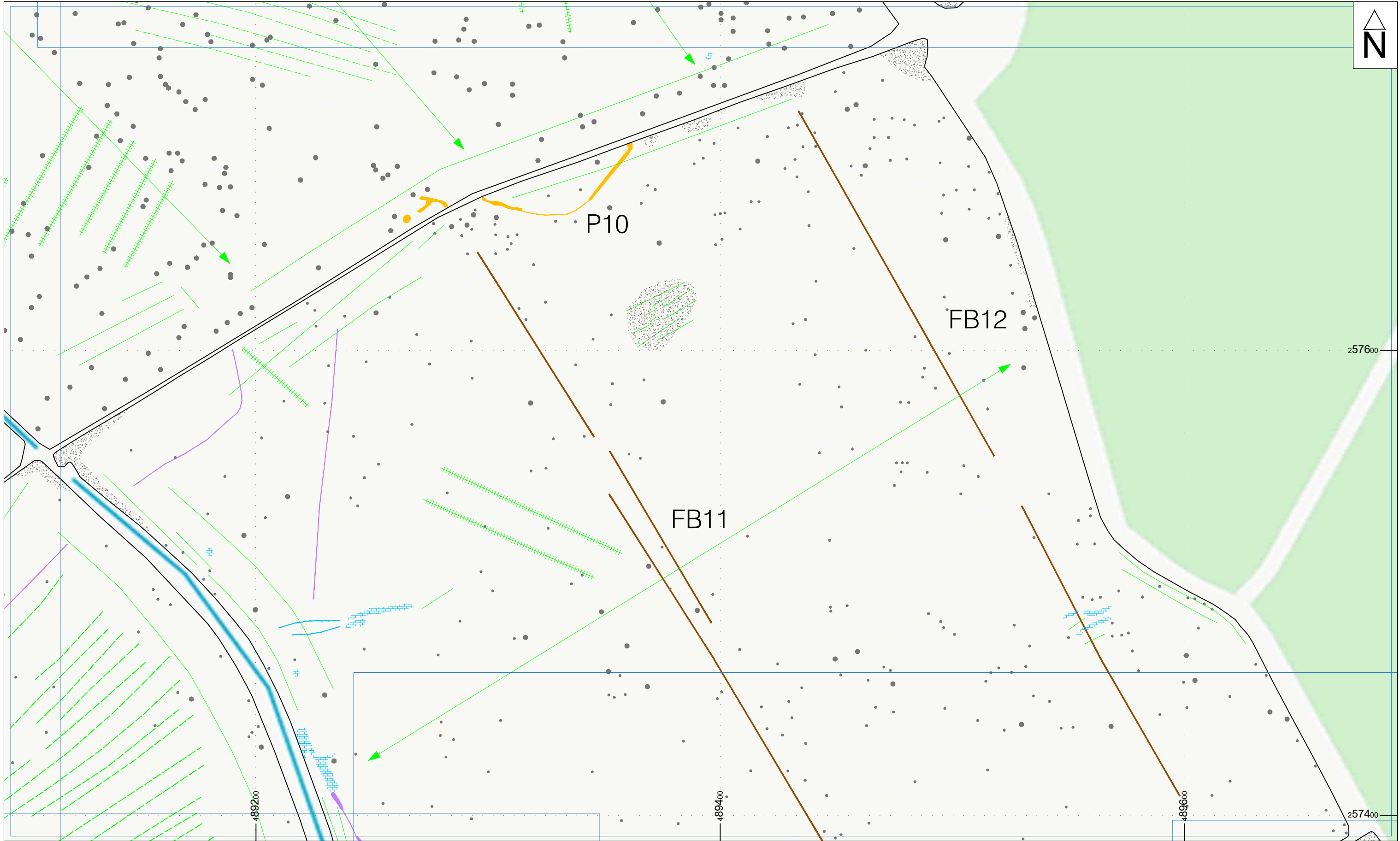
Title

 SECTOR BOUNDARY

15.0 nT/cm

0 50m

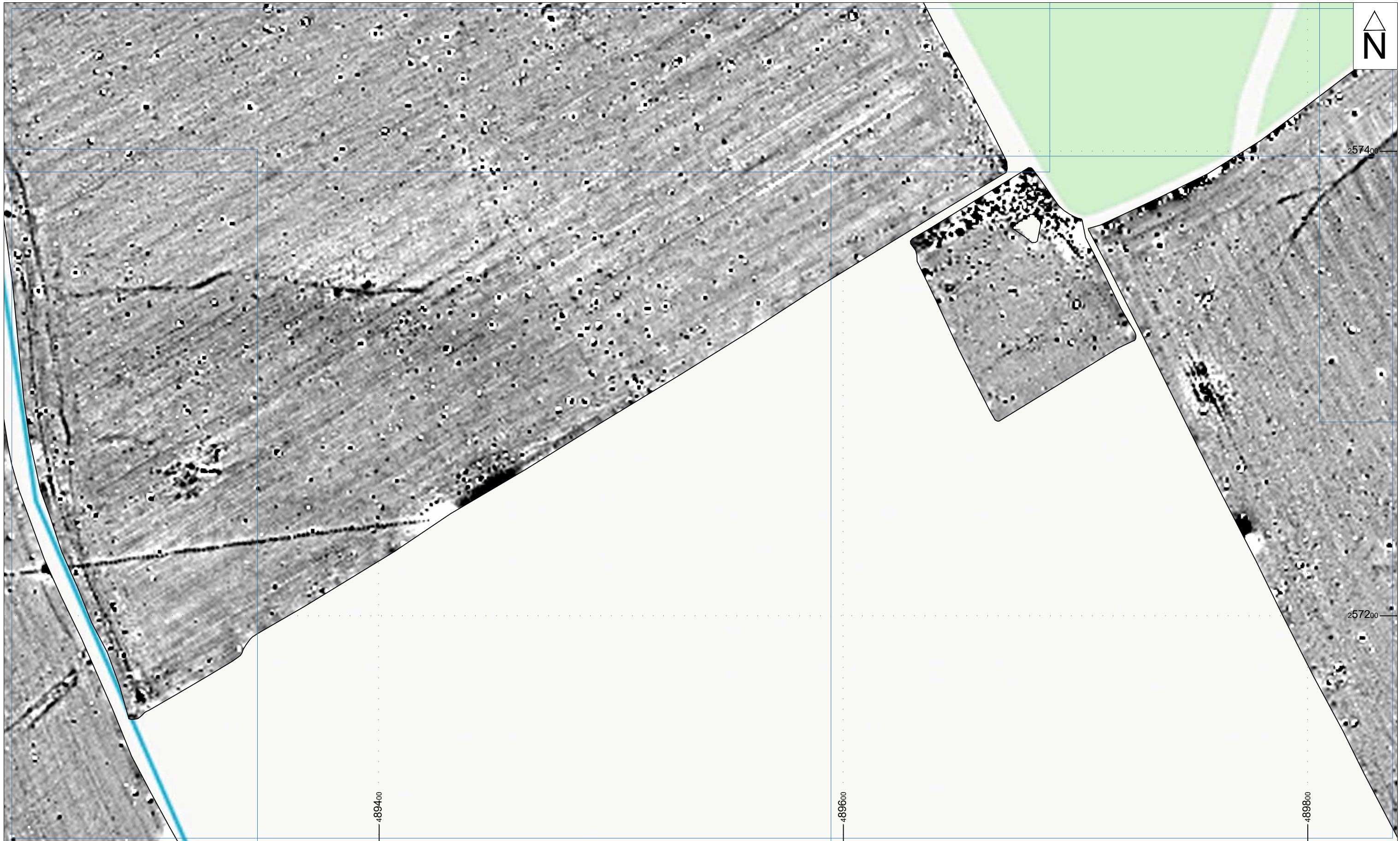
1:1500 @ A3



Title

 SECTOR BOUNDARY

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





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Project ID: XK77_EXG23 Area F

Processed greyscale magnetometer data; Sector 23

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Fig. 71

Title

 SECTOR BOUNDARY

