



Longfield Solar Farm

Environmental Statement PINS Ref: EN010118

Volume 2

Appendix 7C: Geophysical Survey

PART 5 OF 5

Document Reference EN010118/APP/6.2

Revision Number: 1.0

February 2022

Longfield Solar Farm Ltd

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009

Prepared for:

Longfield Solar Farm Ltd

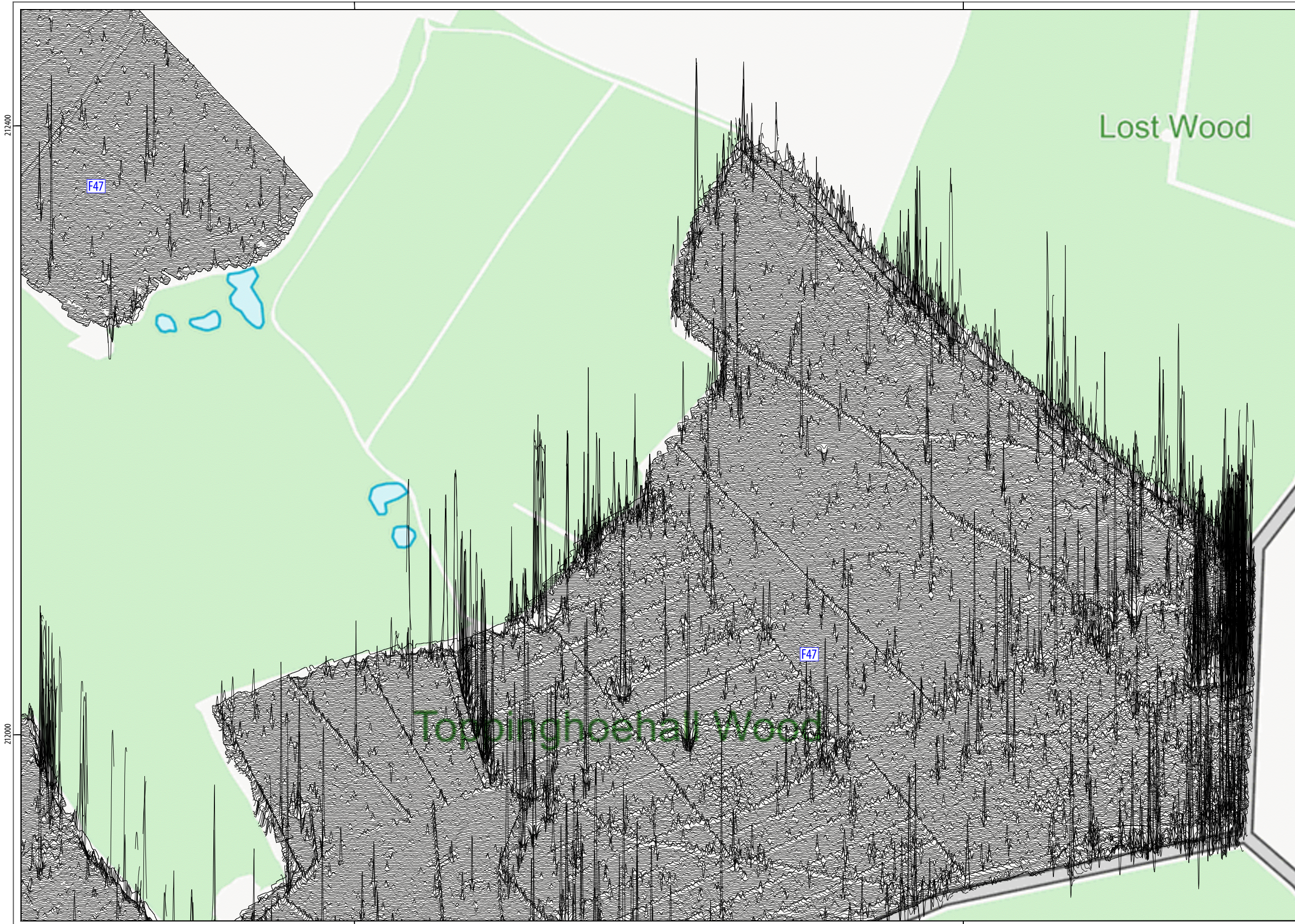
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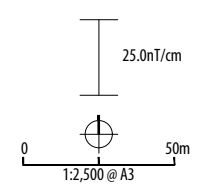
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Lost Wood

Toppinghoe Hall Wood

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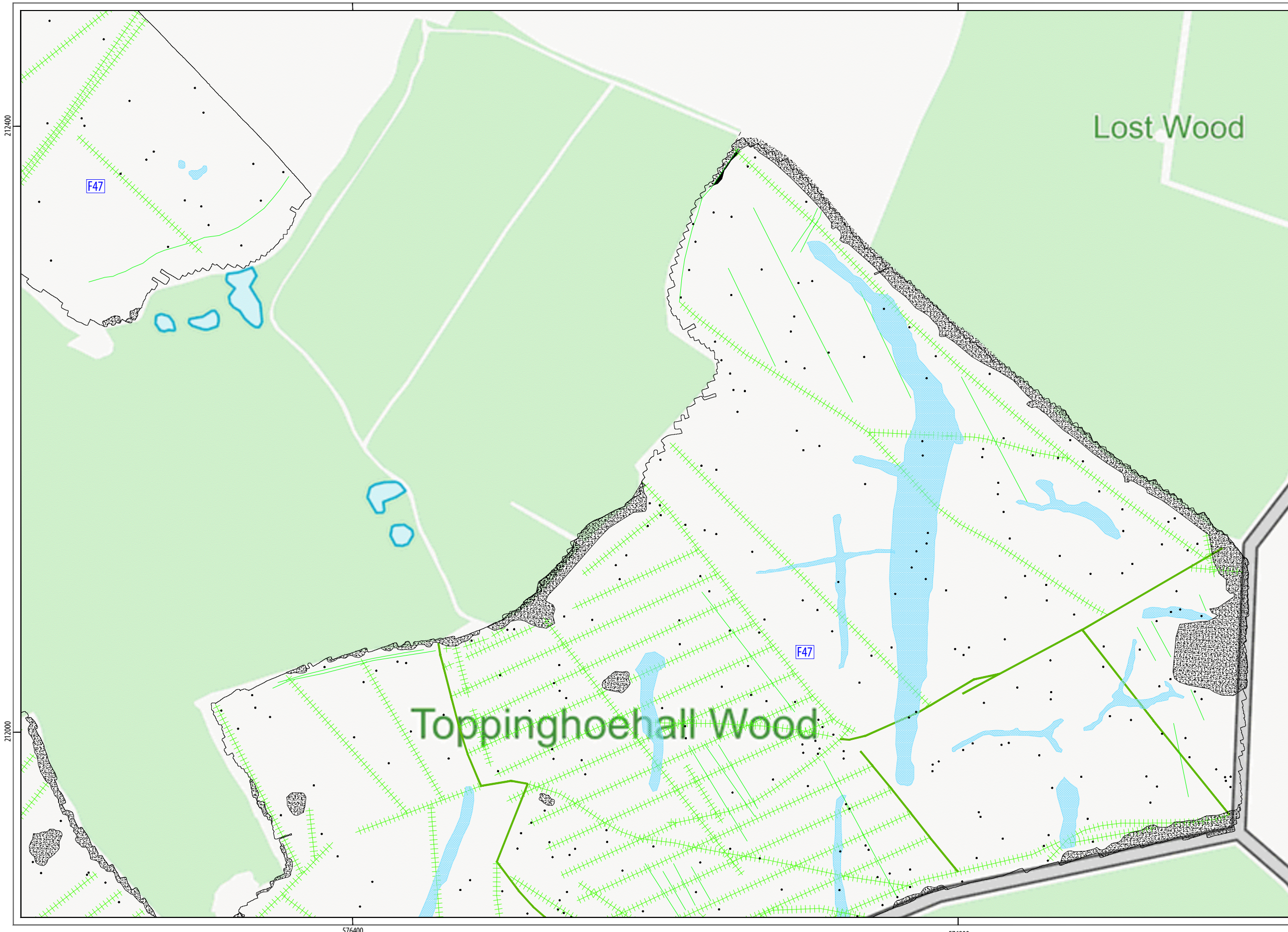
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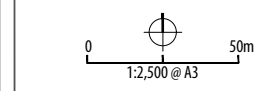
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— dipolar linear	service pipe
— linear trend	agricultural
- - - linear trend	field drain
— linear	former field boundary
⊕ magnetic enhancement	geology

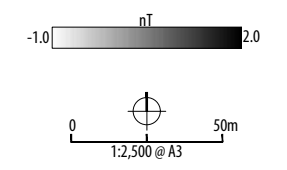
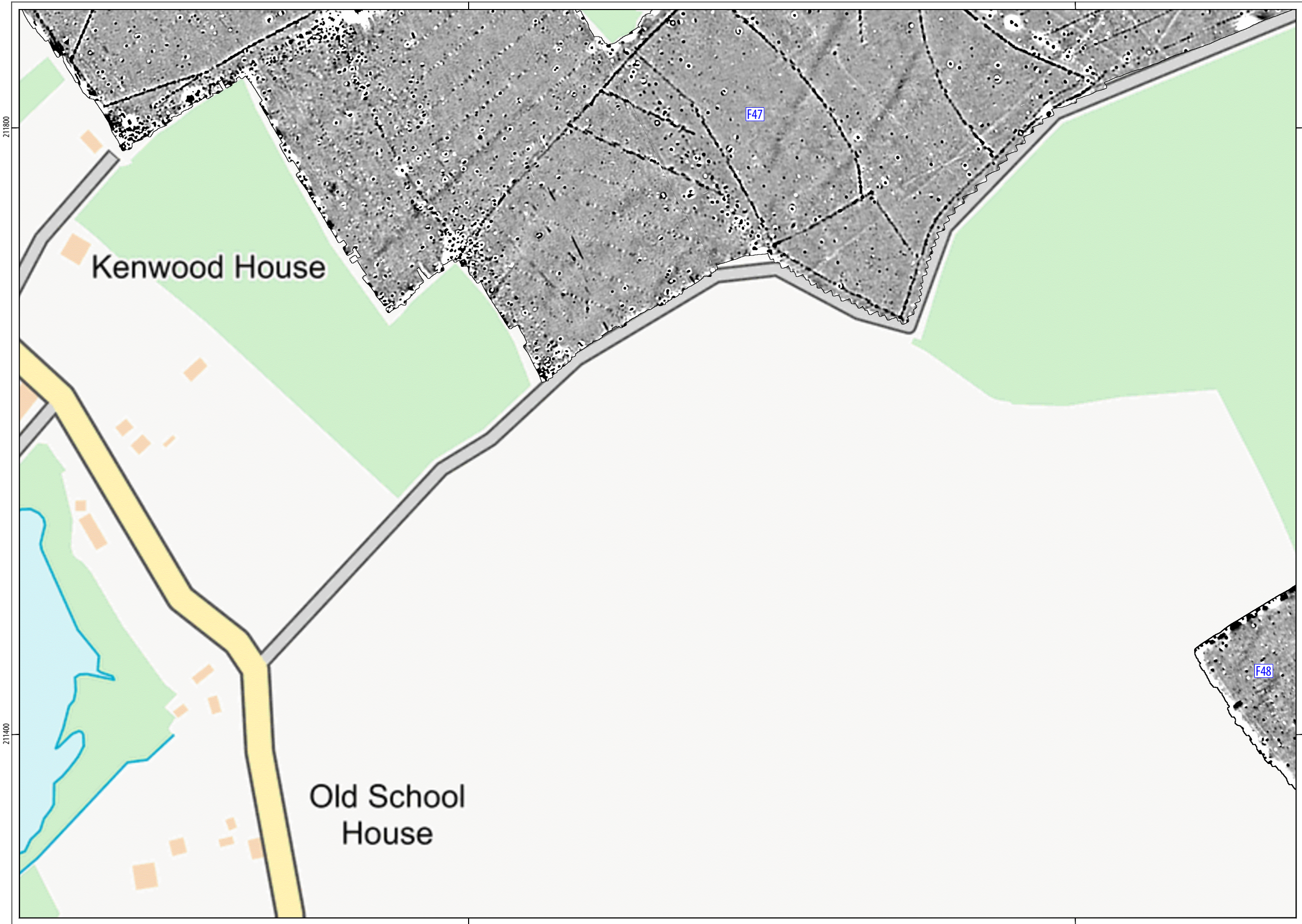


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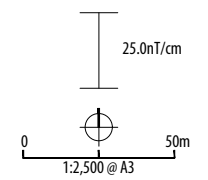
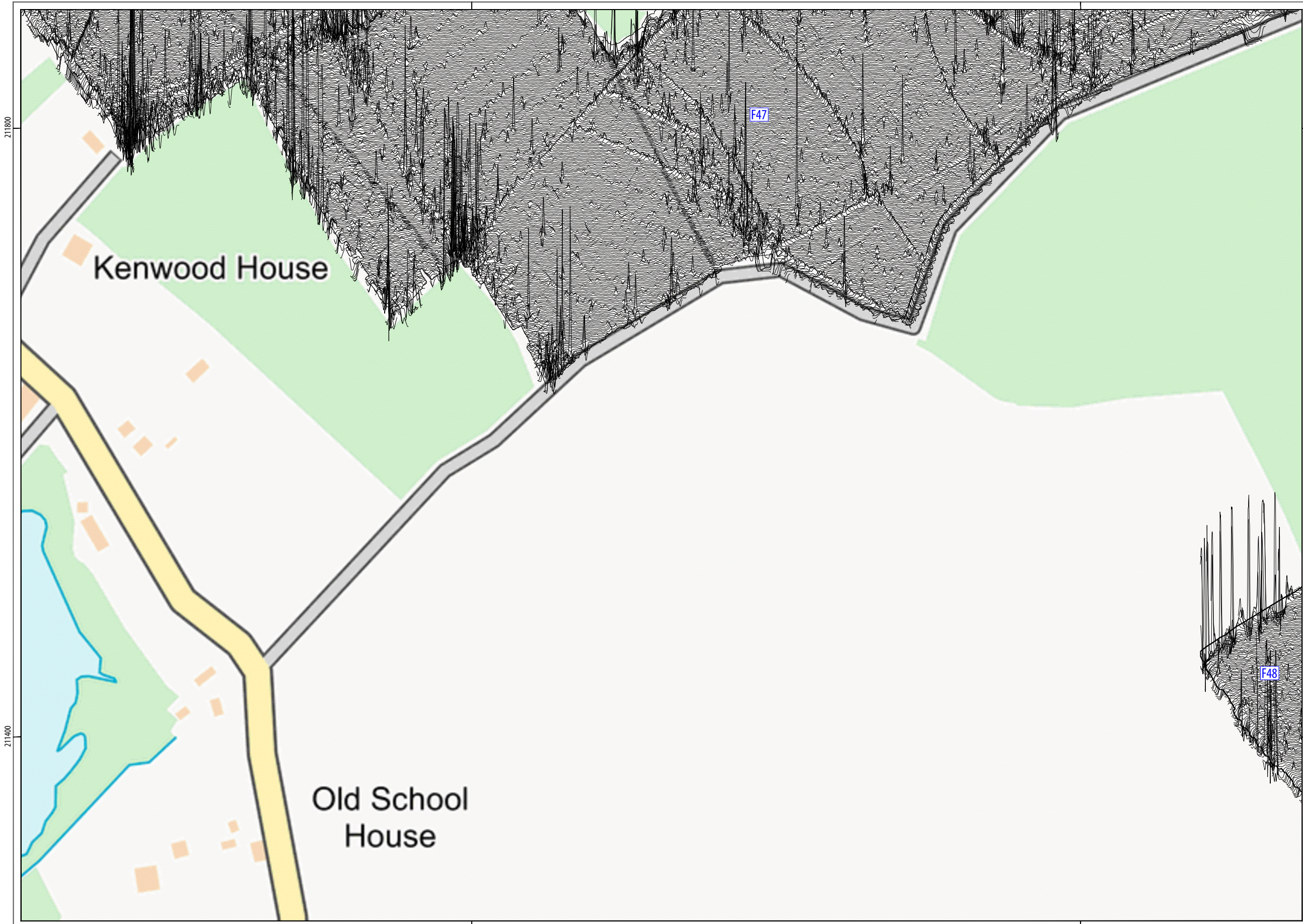
ILLUS 72 Interpretation of magnetometer data; Area 20



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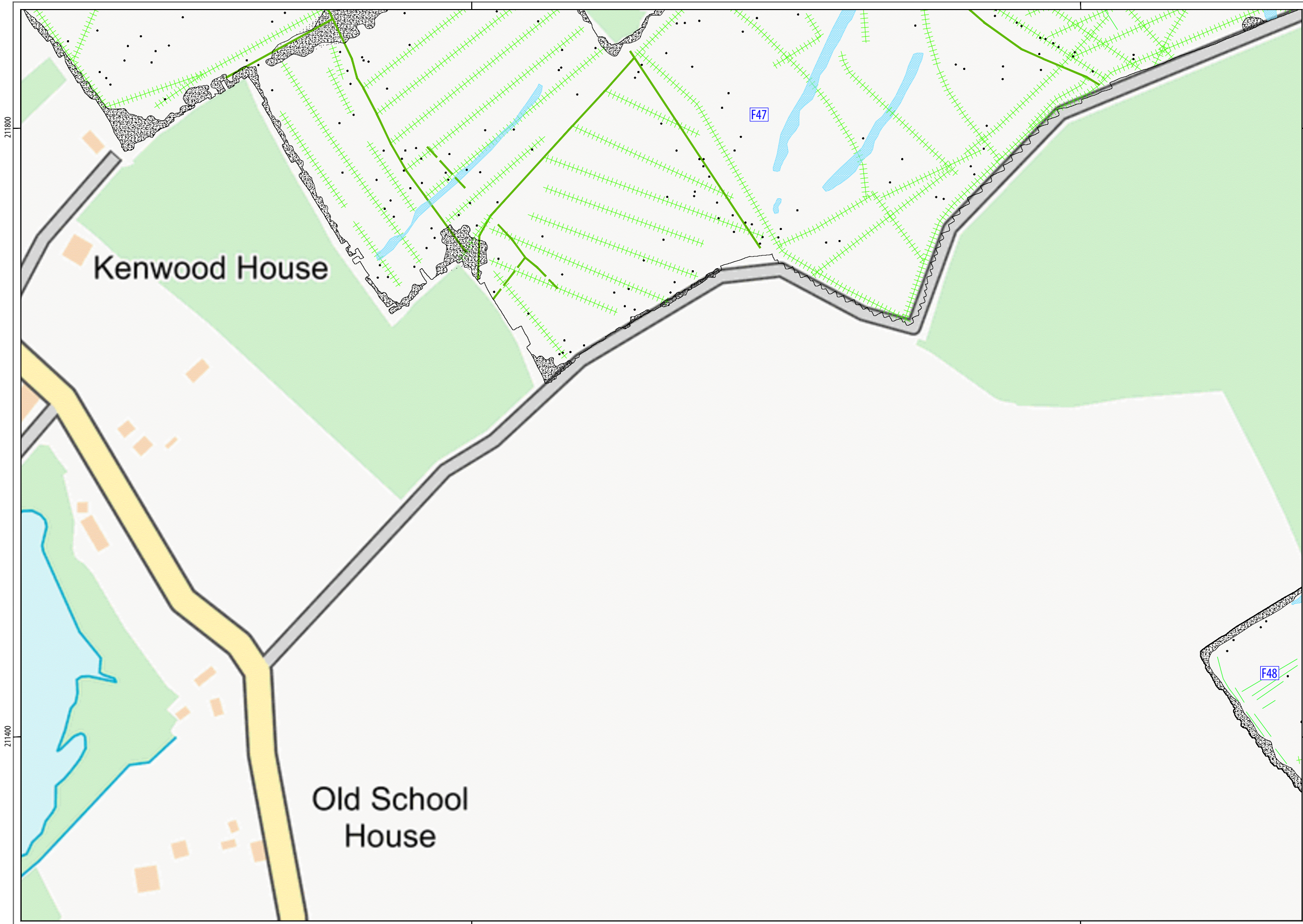
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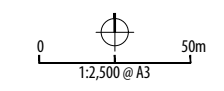


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ILLUS 74 XY trace plot of minimally processed magnetometer data; Area 21



TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear trend	field drain
— linear	former field boundary
— linear	former field boundary?
⊕ magnetic enhancement	geology

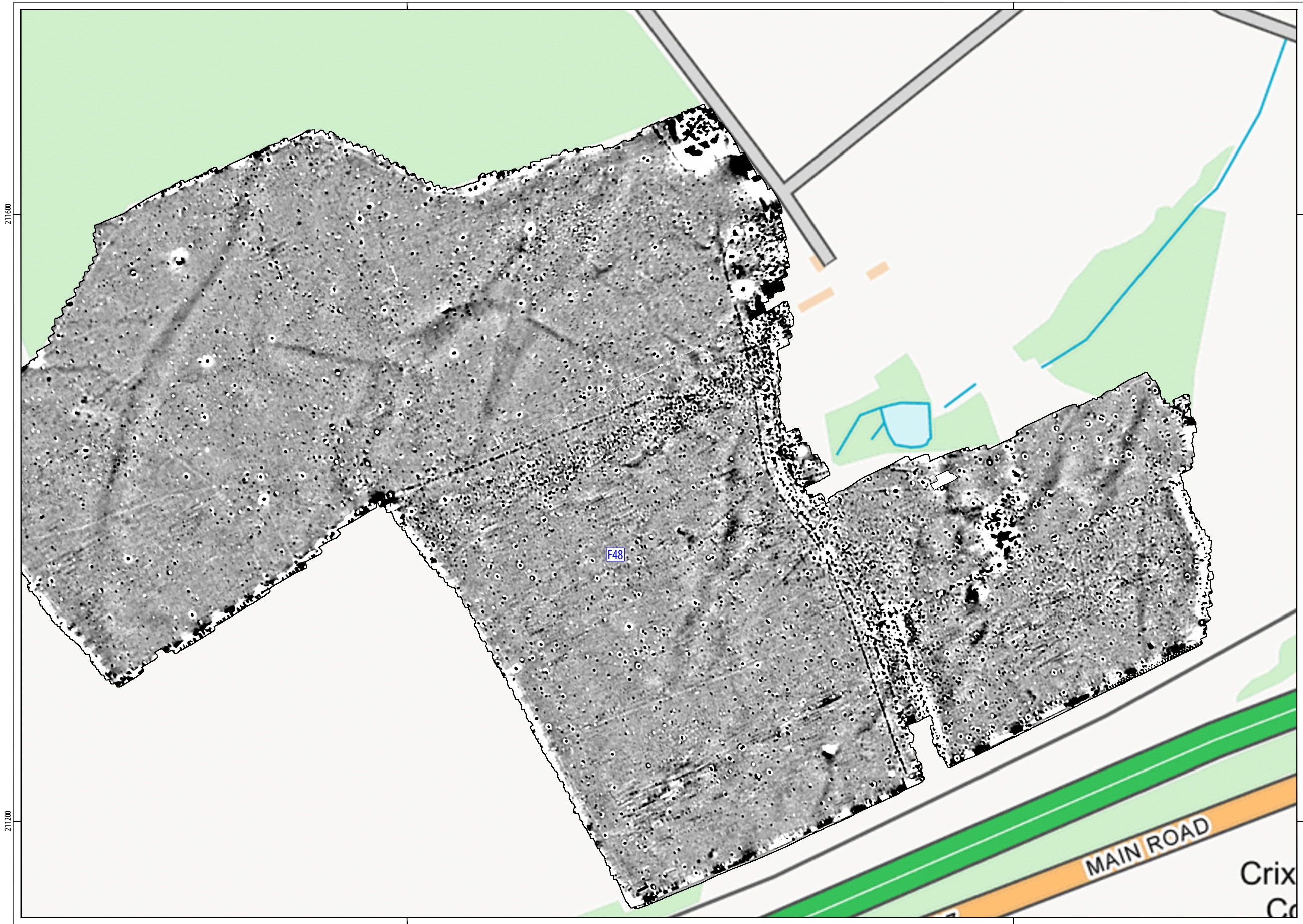


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ILLUS 75 Interpretation of magnetometer data; Area 21

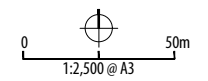
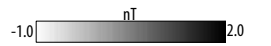


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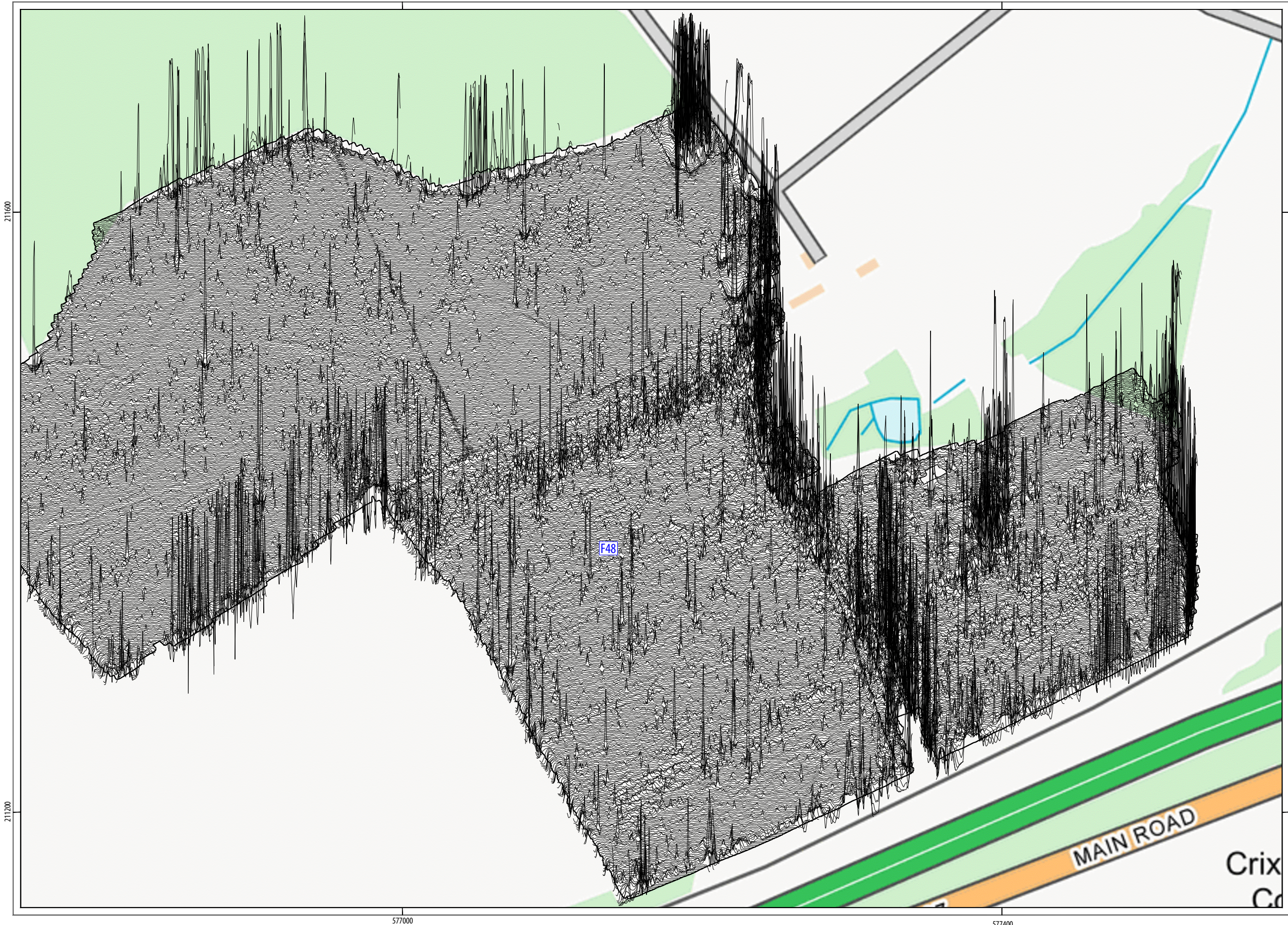


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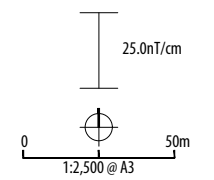


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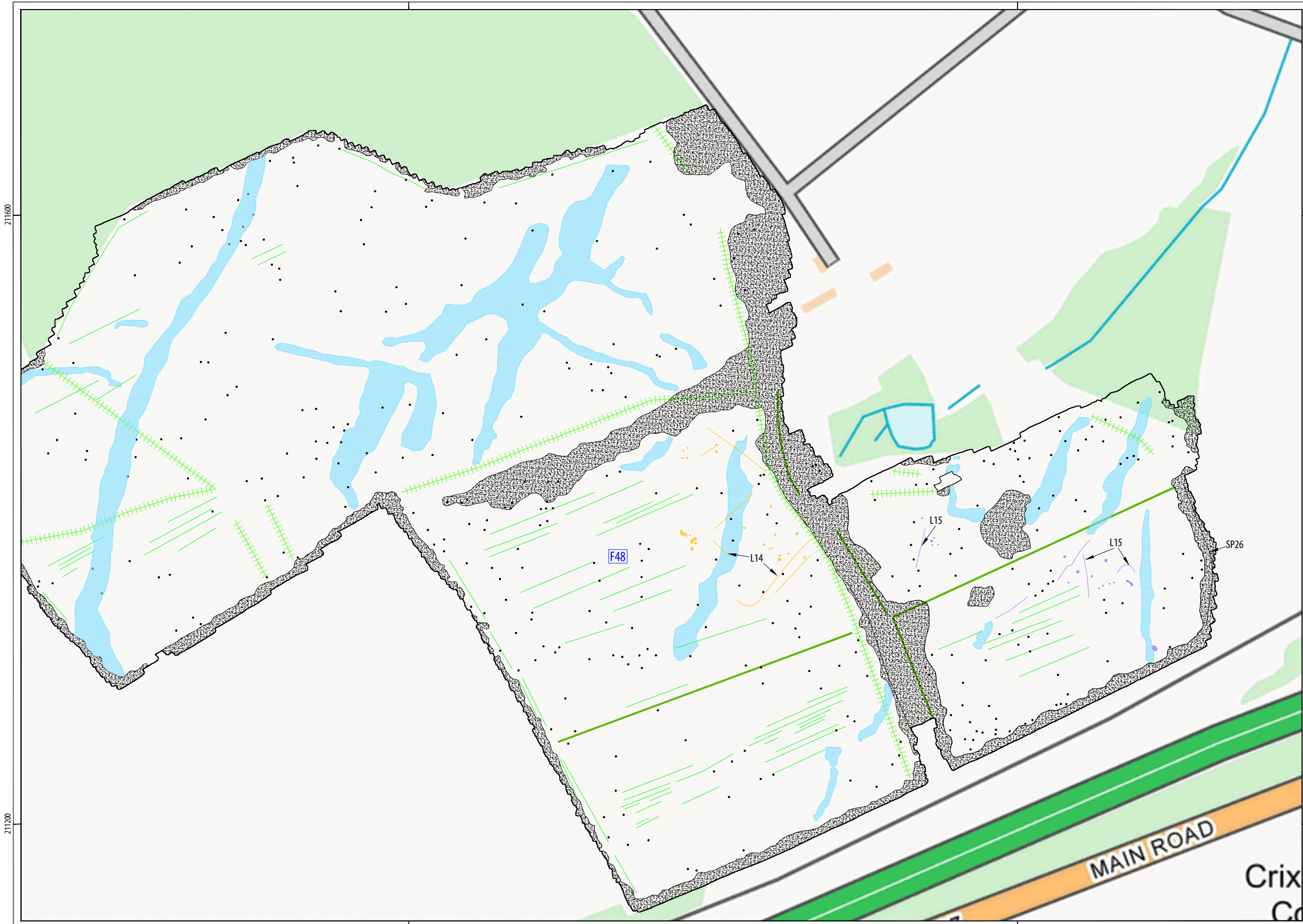


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MAIN ROAD

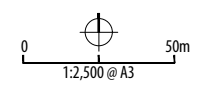
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ILLUS 77 XY trace plot of minimally processed magnetometer data; Area 22



TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— dipolar linear	service pipe
— linear trend	agricultural
— linear trend	field drain
— linear	former field boundary
— linear trend	uncertain
● magnetic enhancement	uncertain
● magnetic enhancement	geology
— linear trend	archaeology?
● magnetic enhancement	archaeology?

ABBREVIATIONS	
SP	service pipe
L	linear



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ILLUS 78 Interpretation of magnetometer data; Area 22