

Norfolk Vanguard Offshore Wind Farm

Appendix 28.5

Onshore Geophysical Survey Results

FIGURES - PART 3

Environmental Statement

Volume 3 - Appendices

Applicant: Norfolk Vanguard Limited
Document Reference: 6.2.28.5
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Pursuant to APFP Regulation: 5(2)(a)

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Revision: Version 1
Author: Headland Archaeology

Photo: Kentish Flats Offshore Wind Farm



Environmental Impact Assessment Environmental Statement

Document Reference: PB4476-005-0285

June 2018

For and on behalf of Norfolk Vanguard Limited

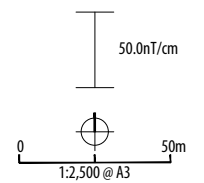
Approved by: Ruari Lean, Rebecca Sherwood

Signed: 

Date: 8th June 2018



norfolk vanguard red line boundary
access route



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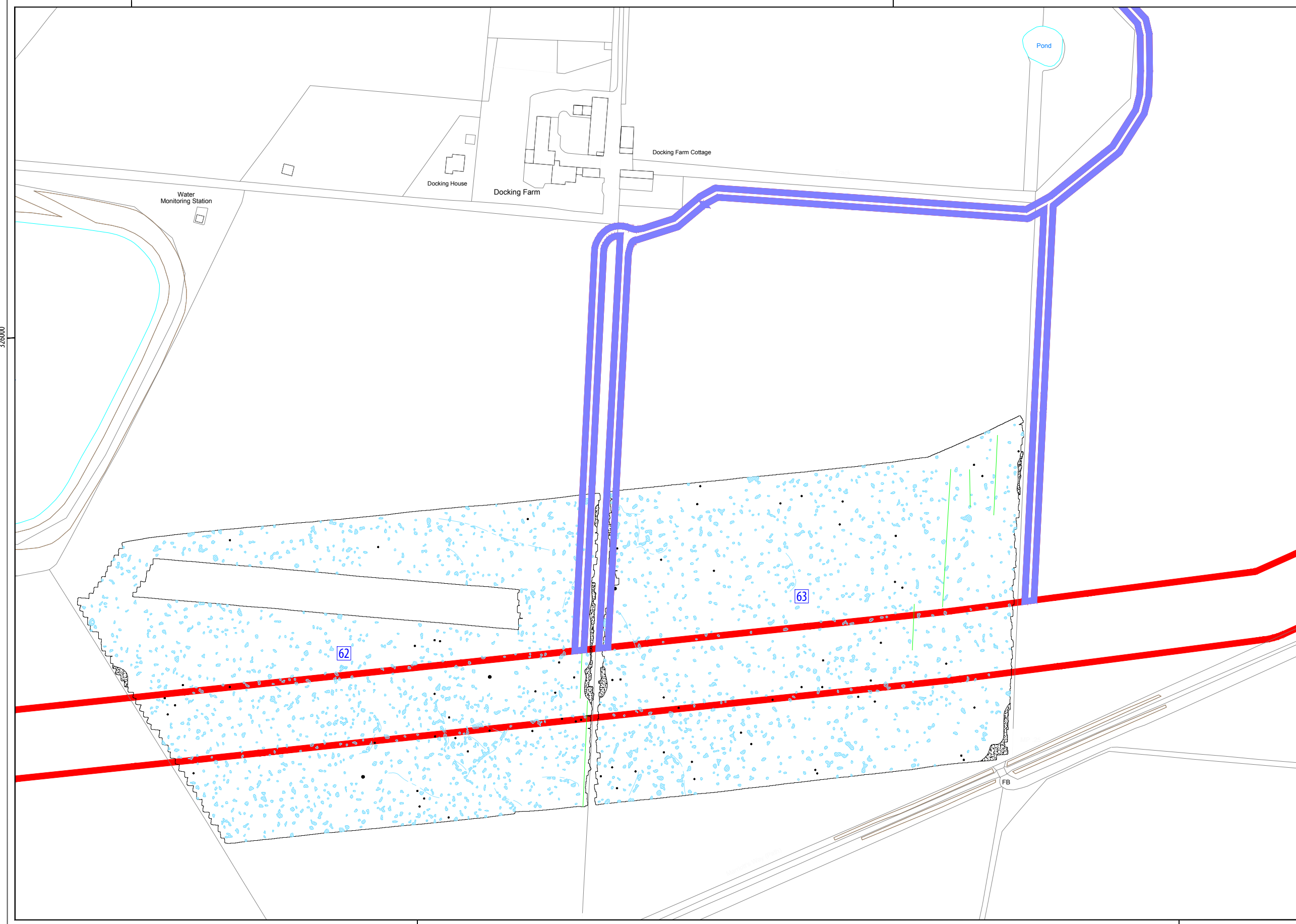
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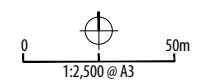
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615250

615750



TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	agricultural
—	linear trend	geology
⊕	magnetic enhancement	geology



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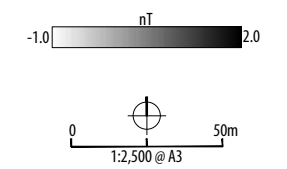
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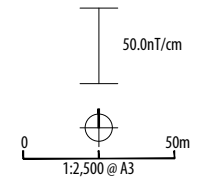
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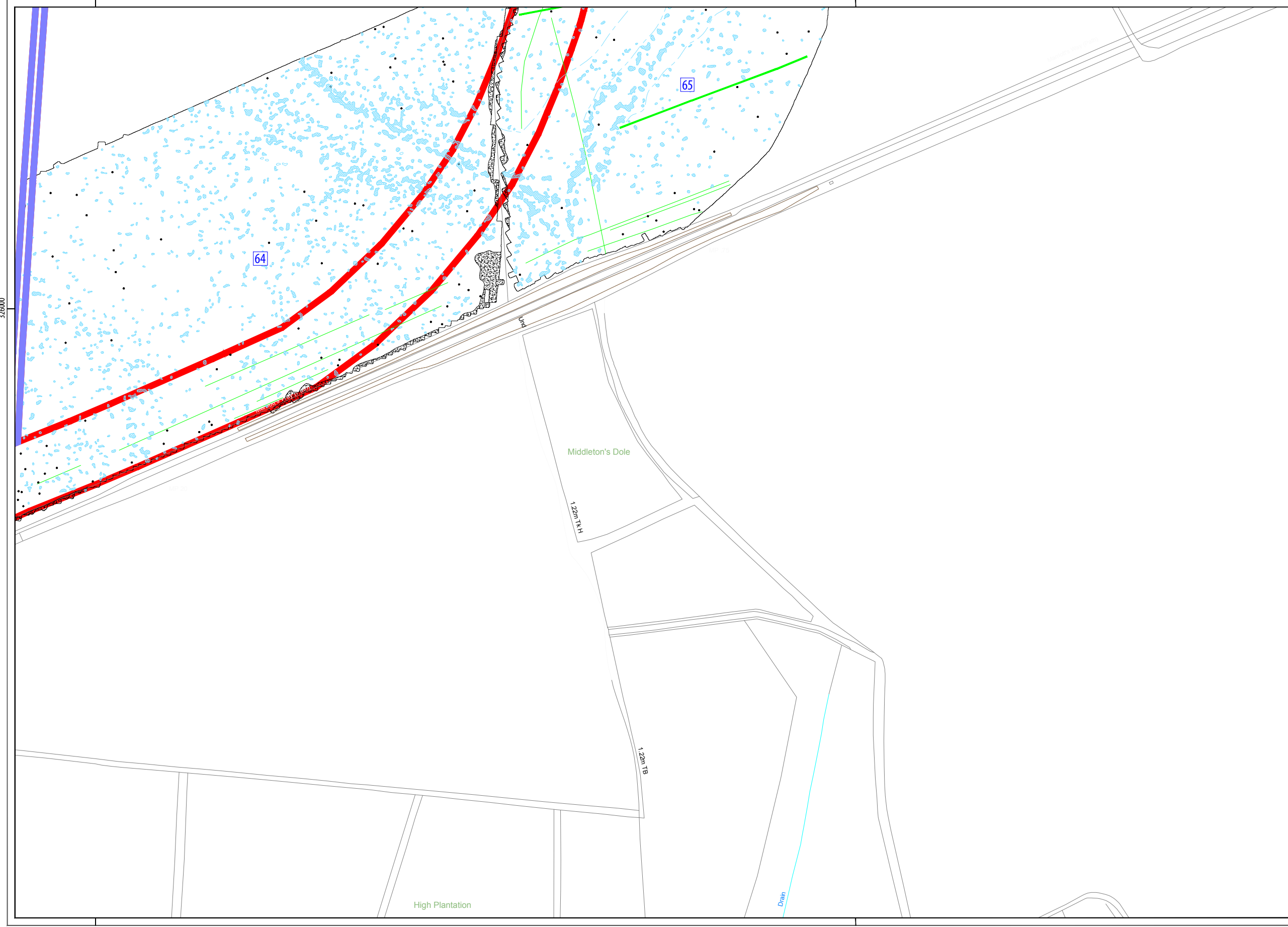


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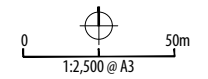
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology



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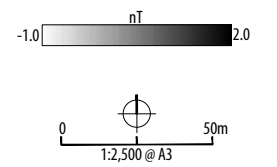
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- norfolk vanguard red line boundary
- mobilisation area
- access route



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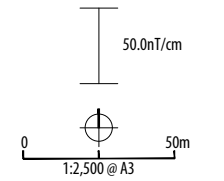
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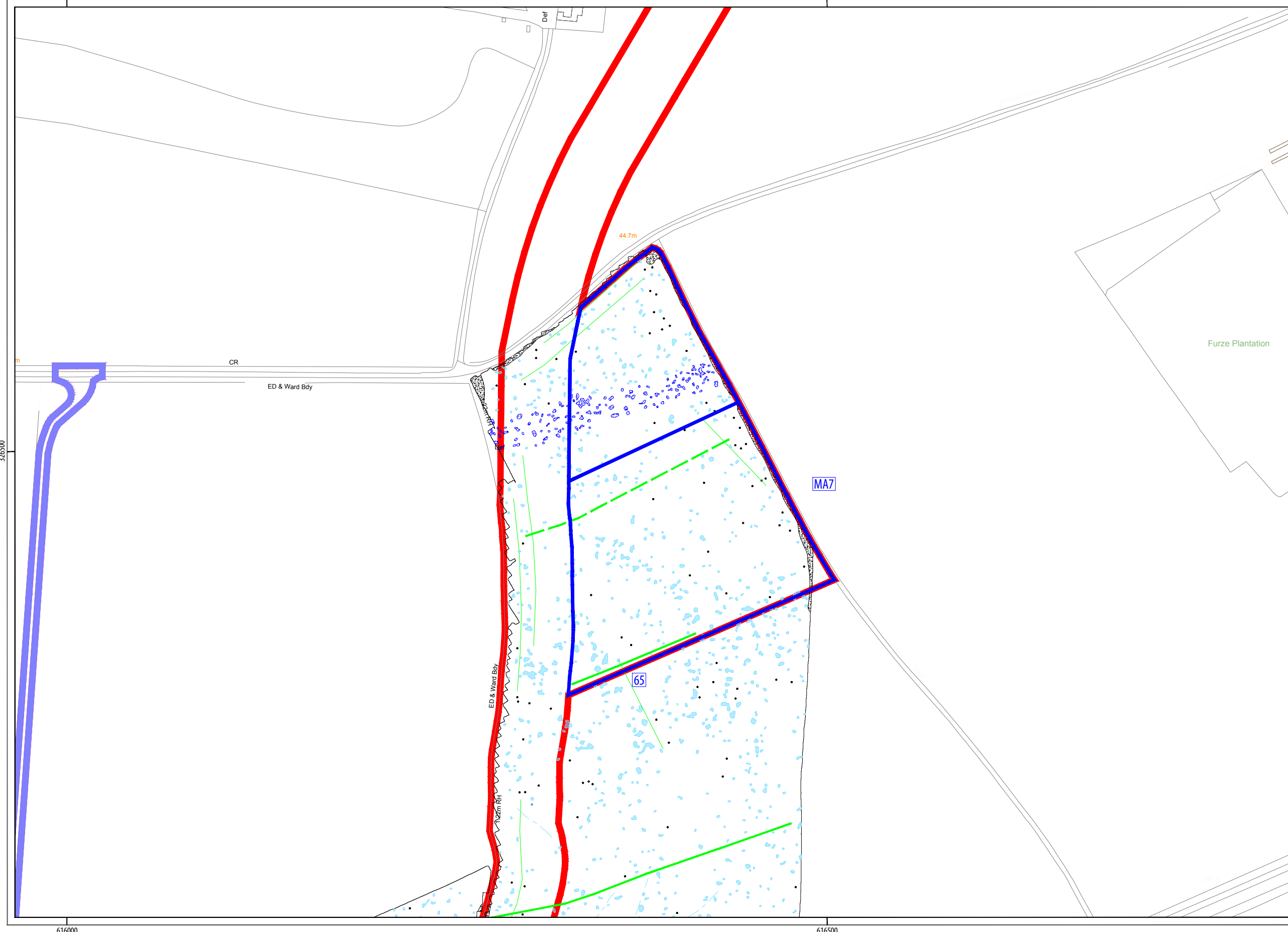


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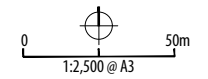
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
●	magnetic disturbance	modern
—	linear trend	agricultural
—	linear	former field boundary?
—	linear	former field boundary
—	linear trend	geology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

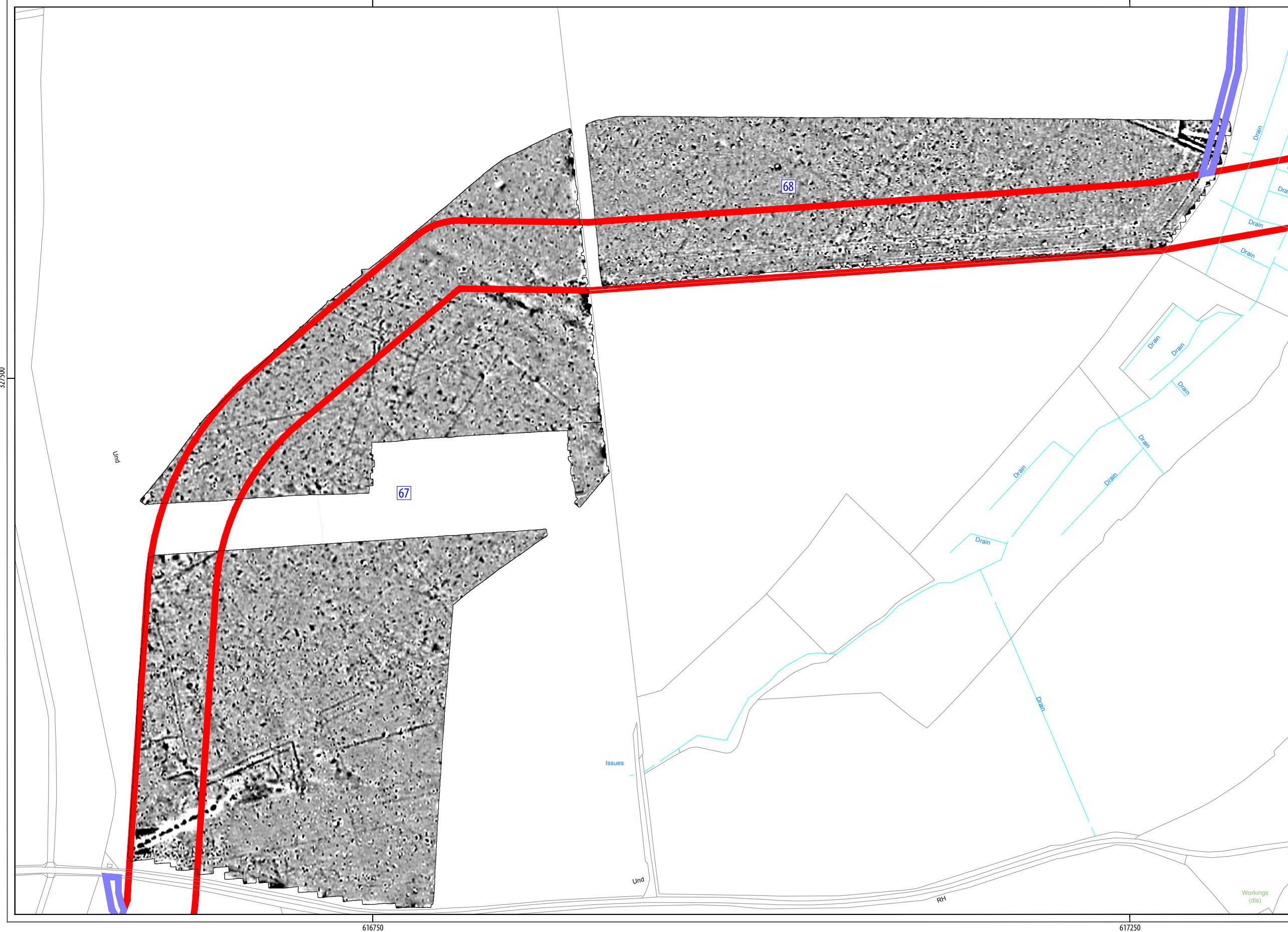


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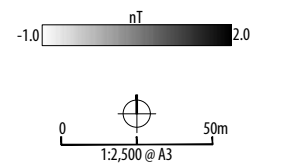
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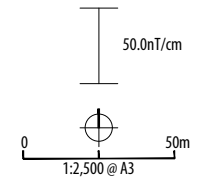
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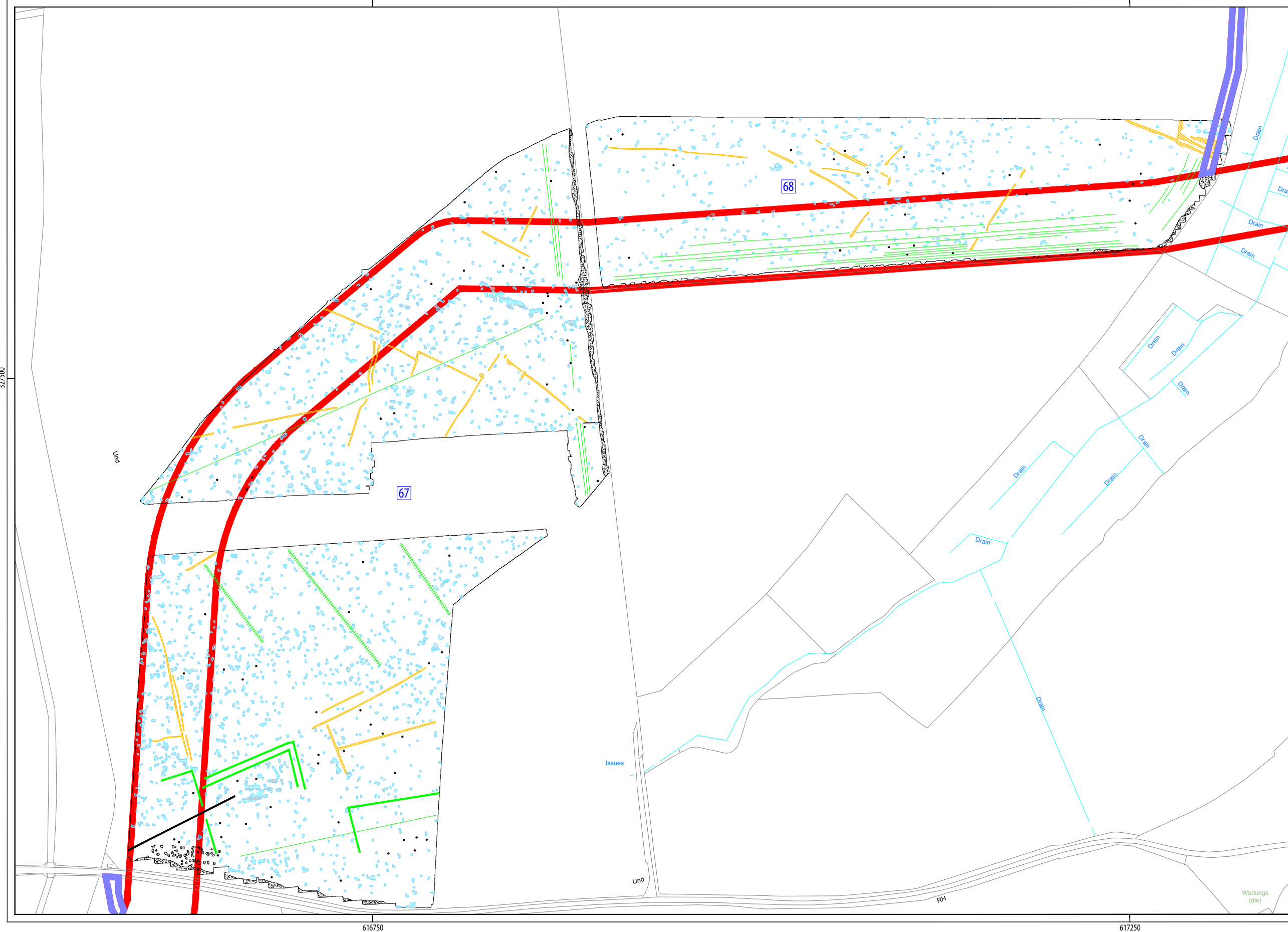


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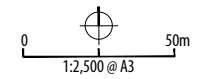
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●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	dipolar linear	service pipe
—	linear trend	drain
—	linear trend	agricultural
—	linear	former field boundary
⊕	magnetic enhancement	geology
⊗	magnetic enhancement	archaeology?

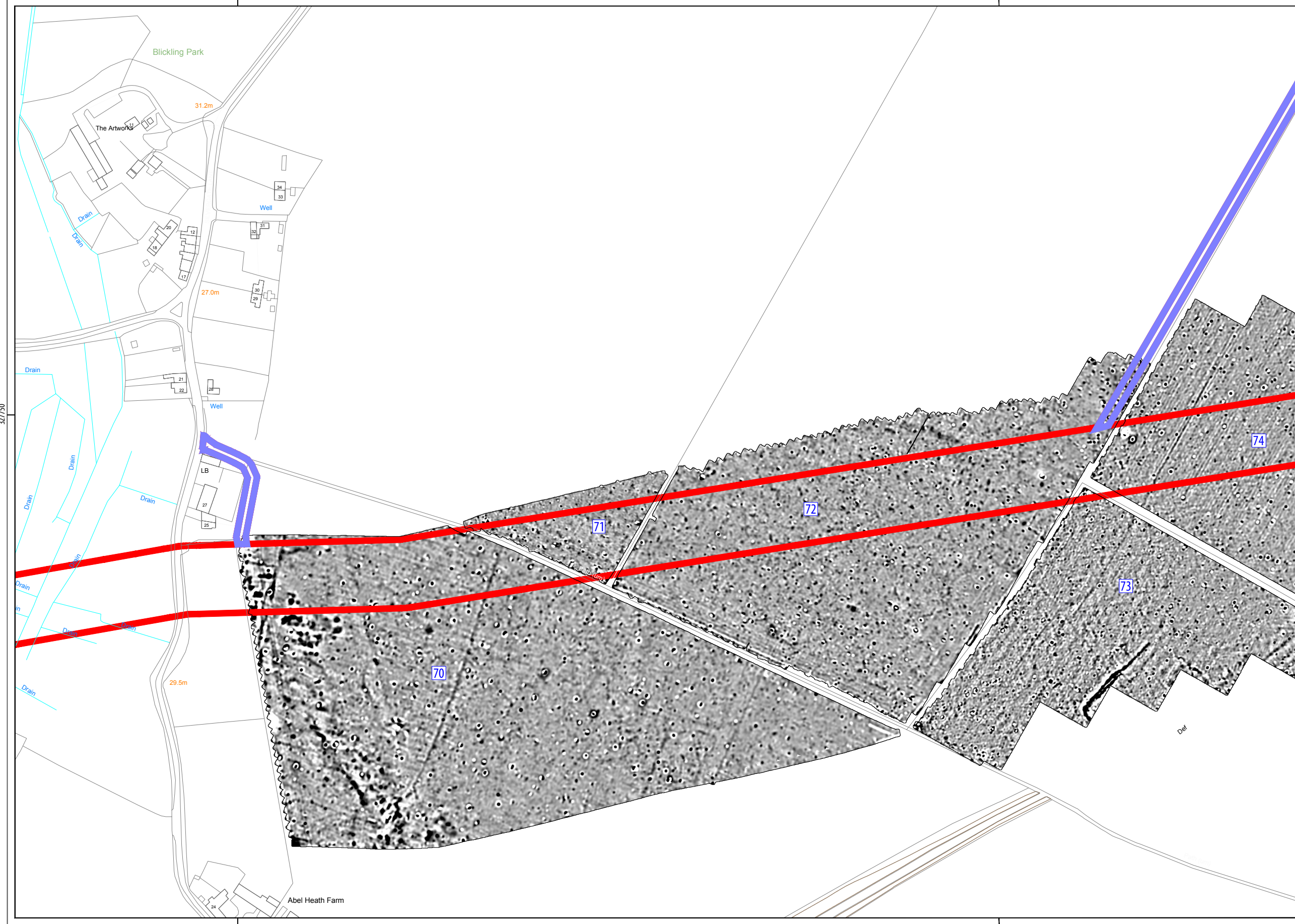


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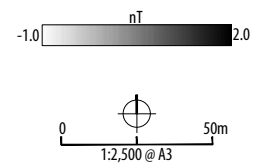
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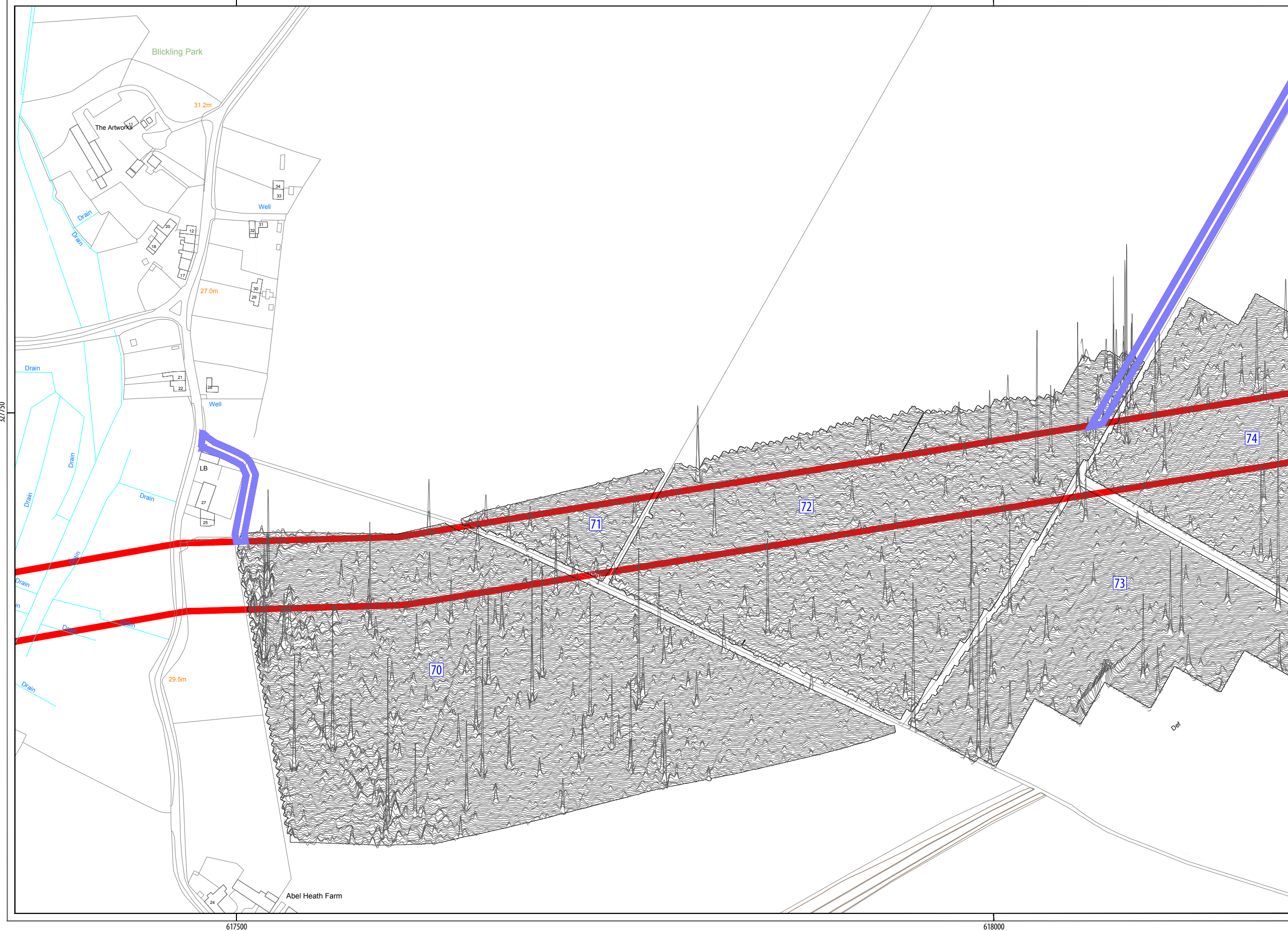


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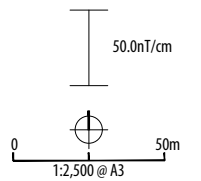
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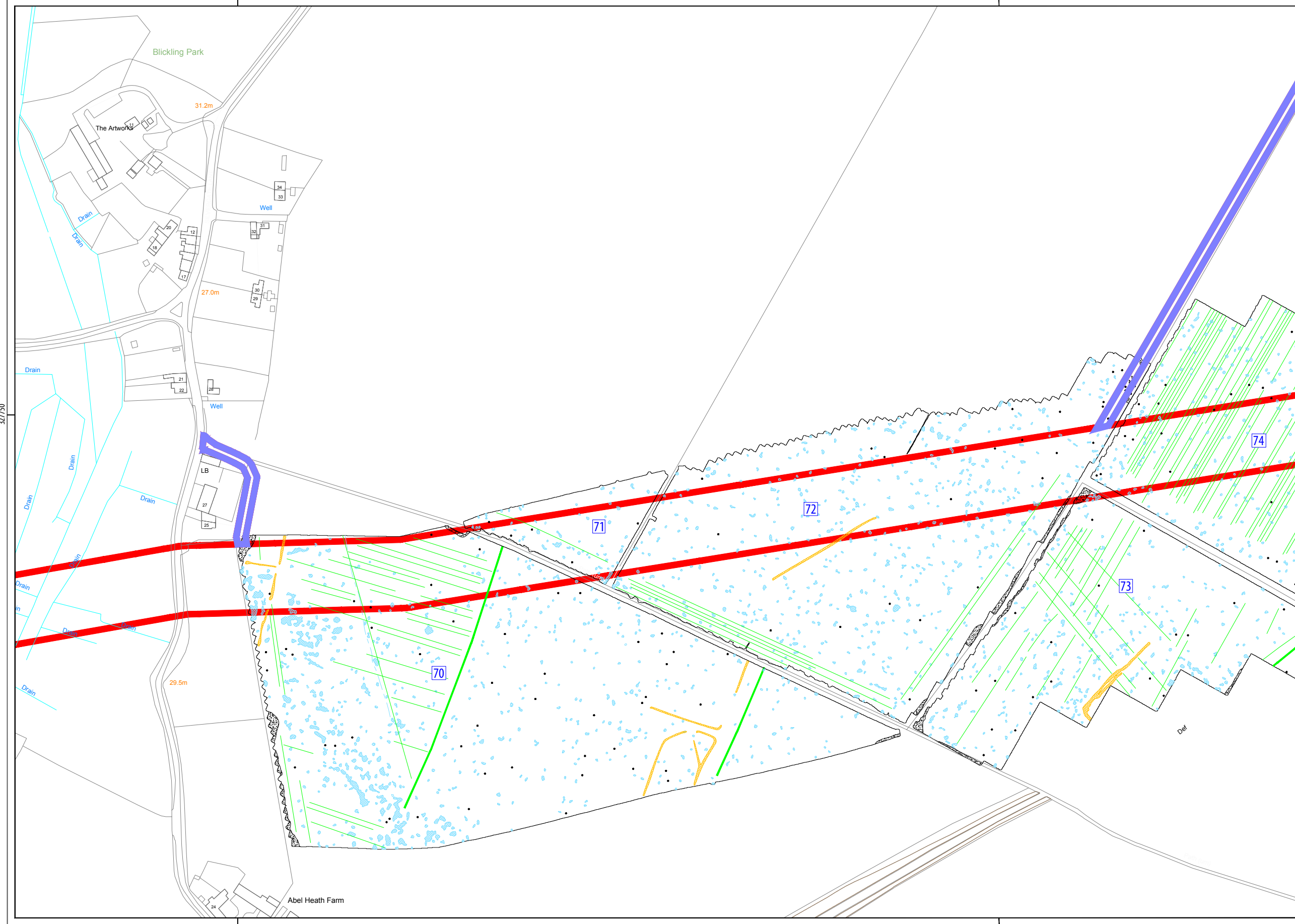


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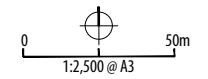
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology
● magnetic enhancement	archaeology?

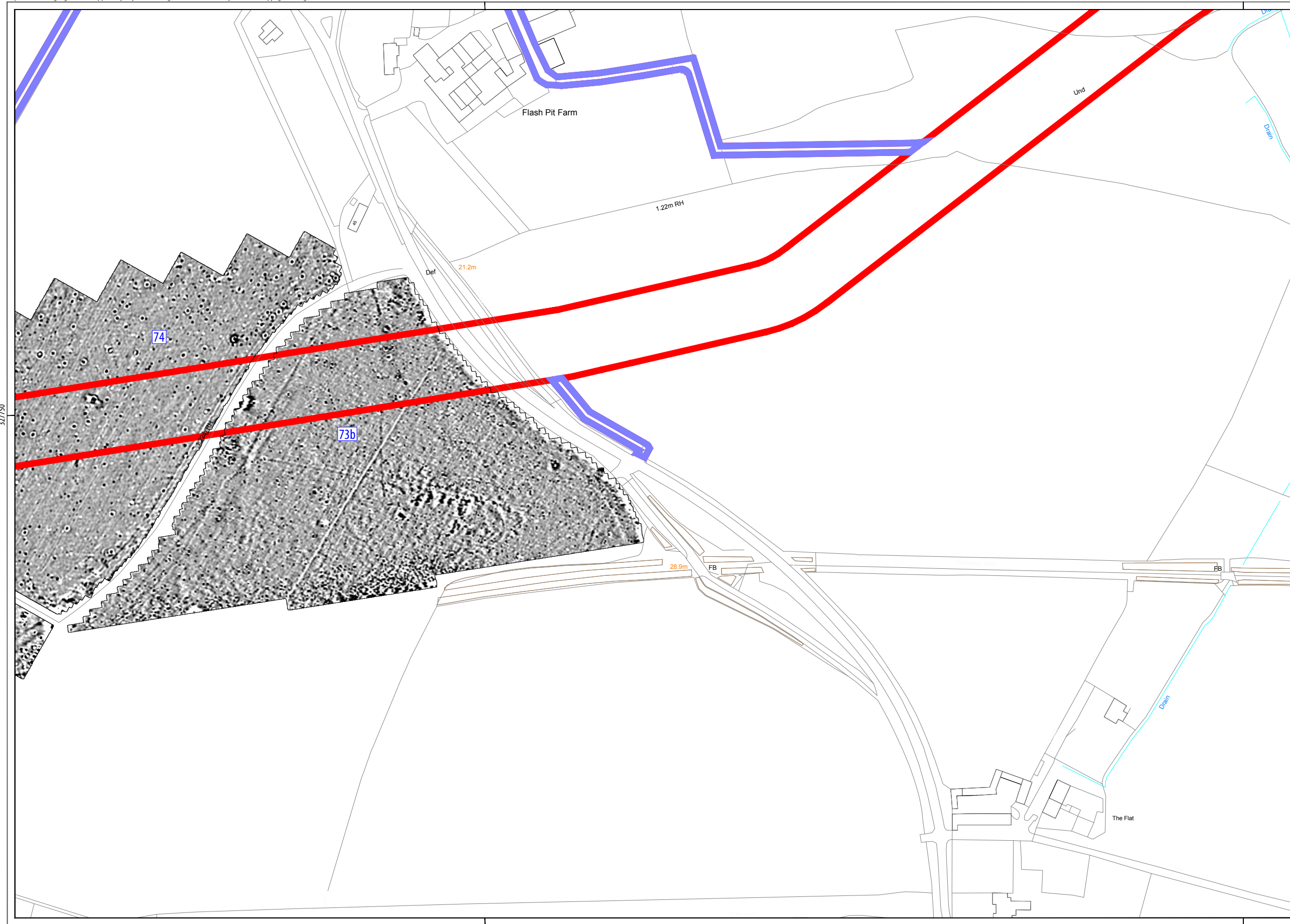


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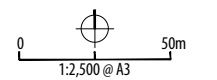
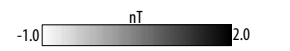
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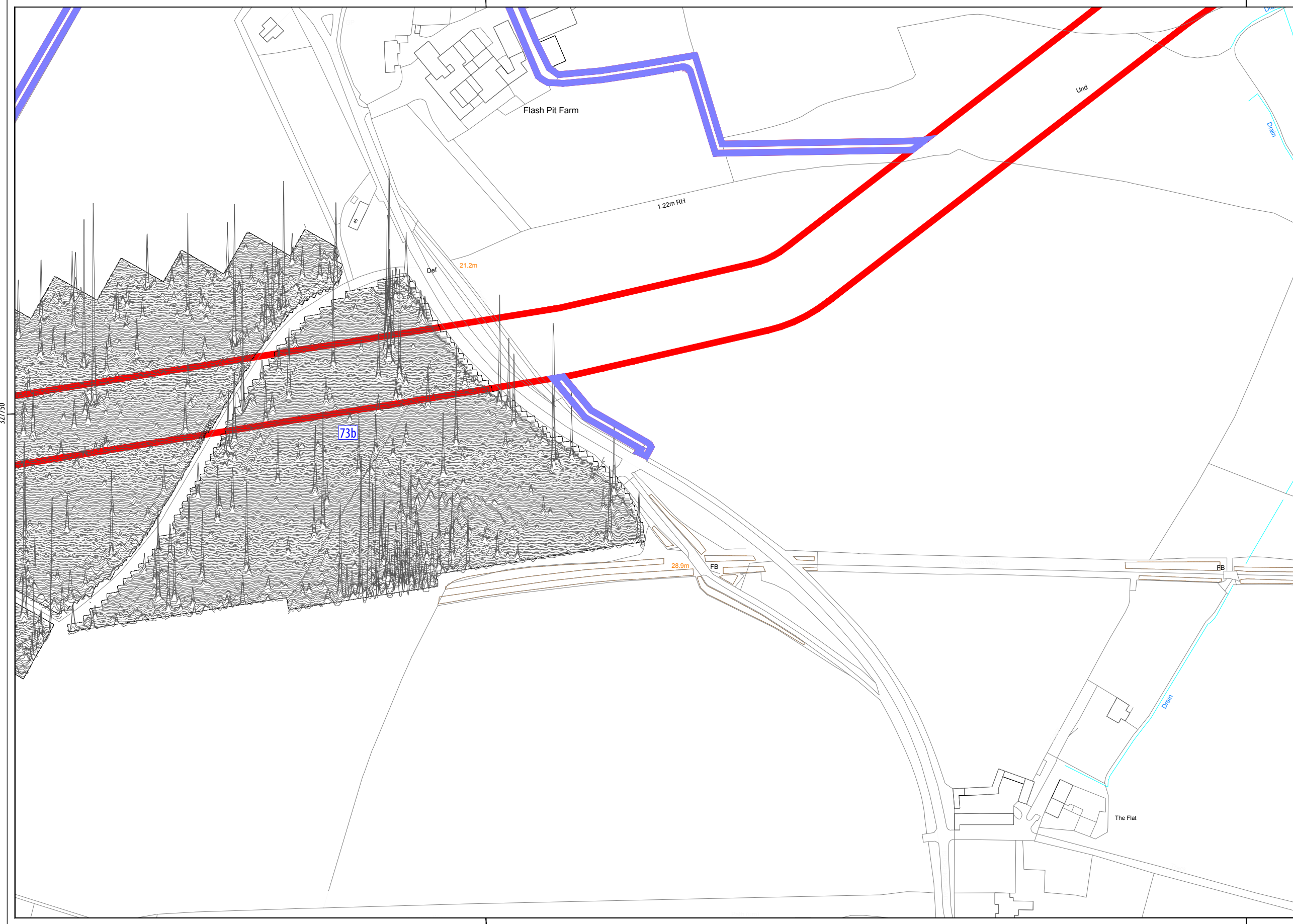


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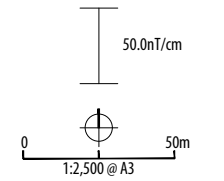
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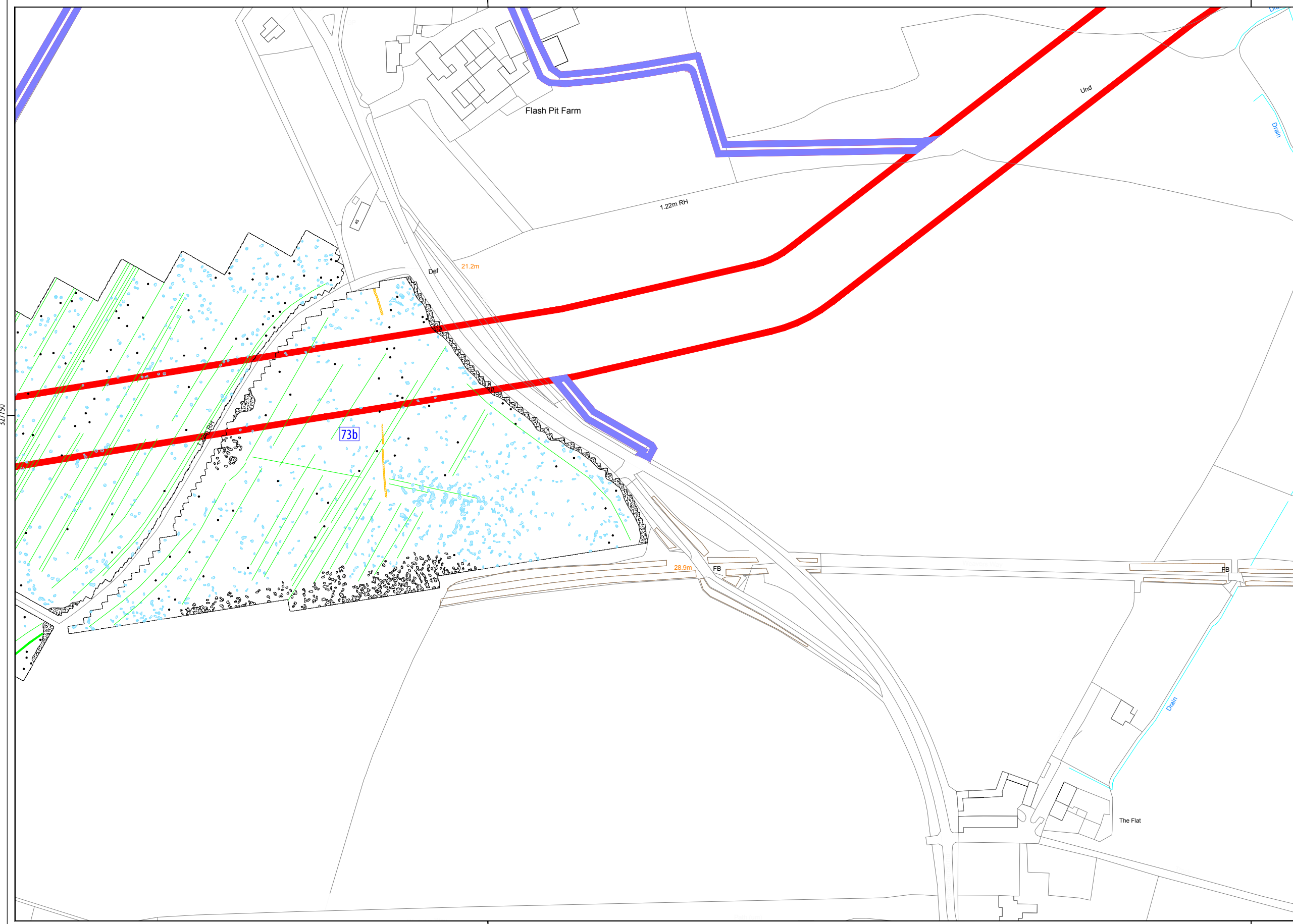
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ILLUS 114 XY trace plot of minimally processed magnetometer data; PAGSA 73b-74

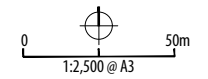
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	agricultural
⊞	magnetic enhancement	geology
⊞	magnetic enhancement	archaeology?

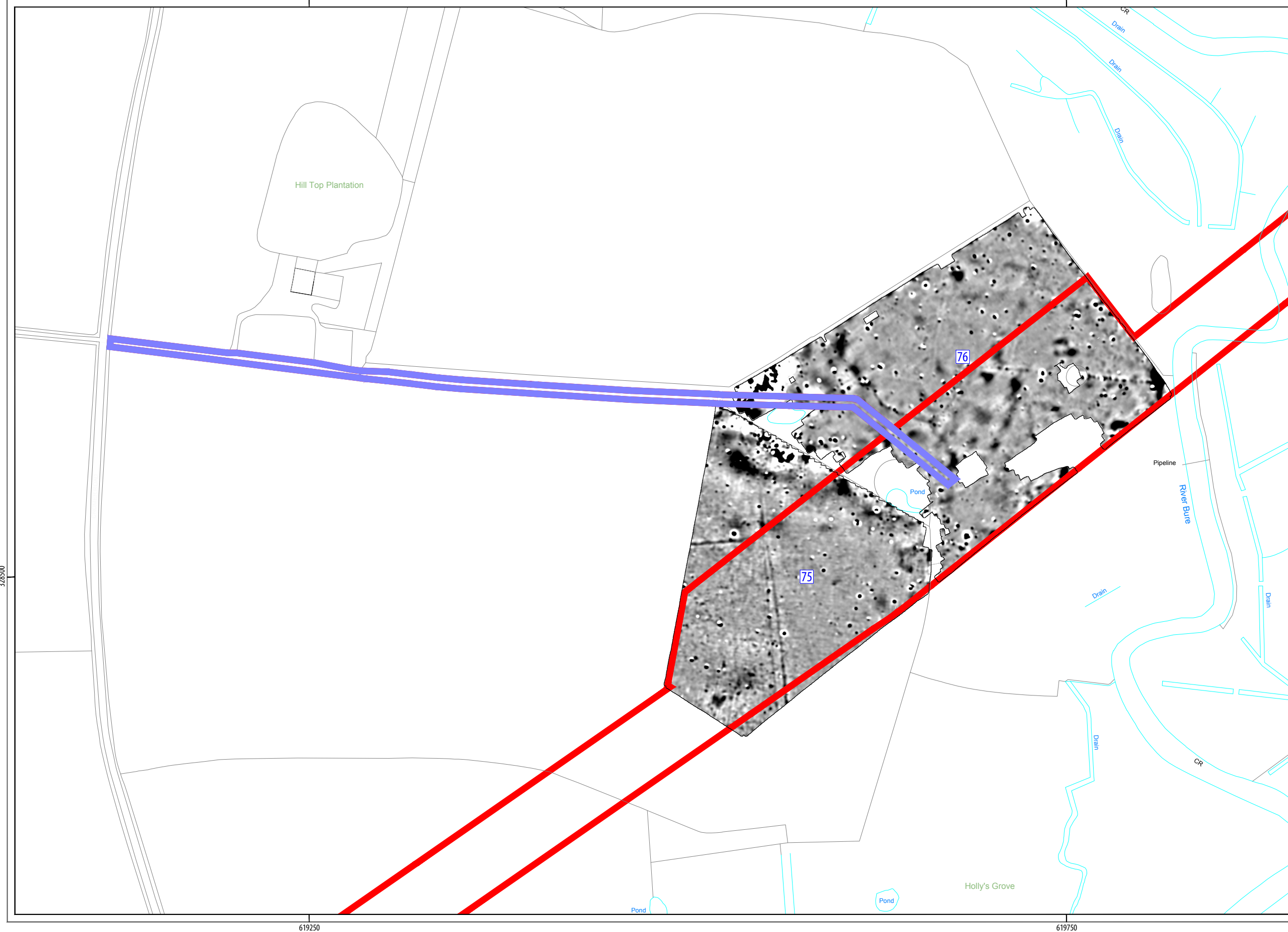


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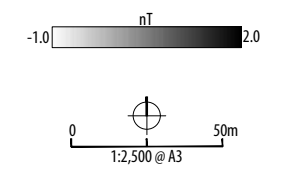
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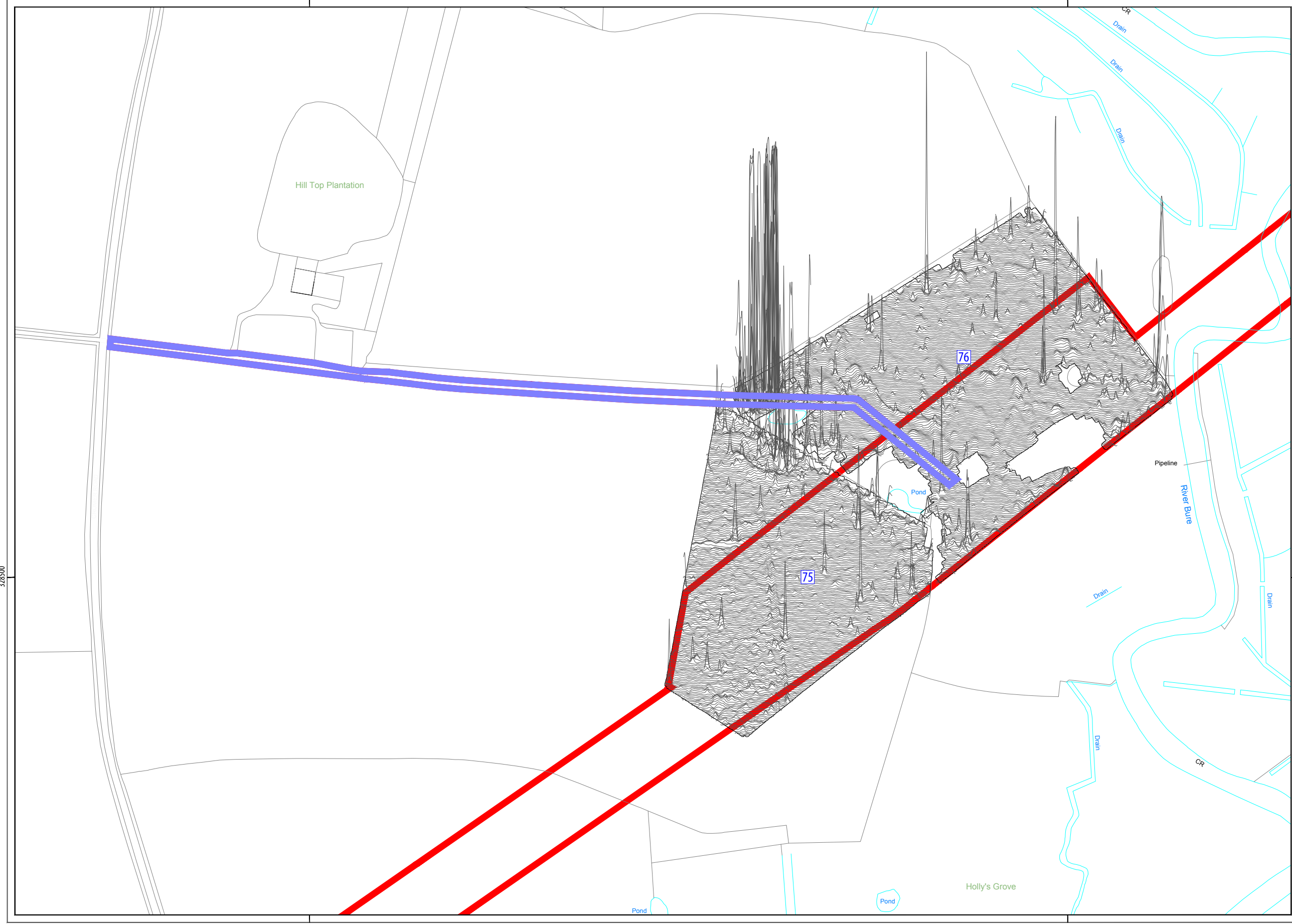


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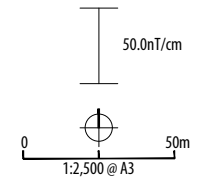
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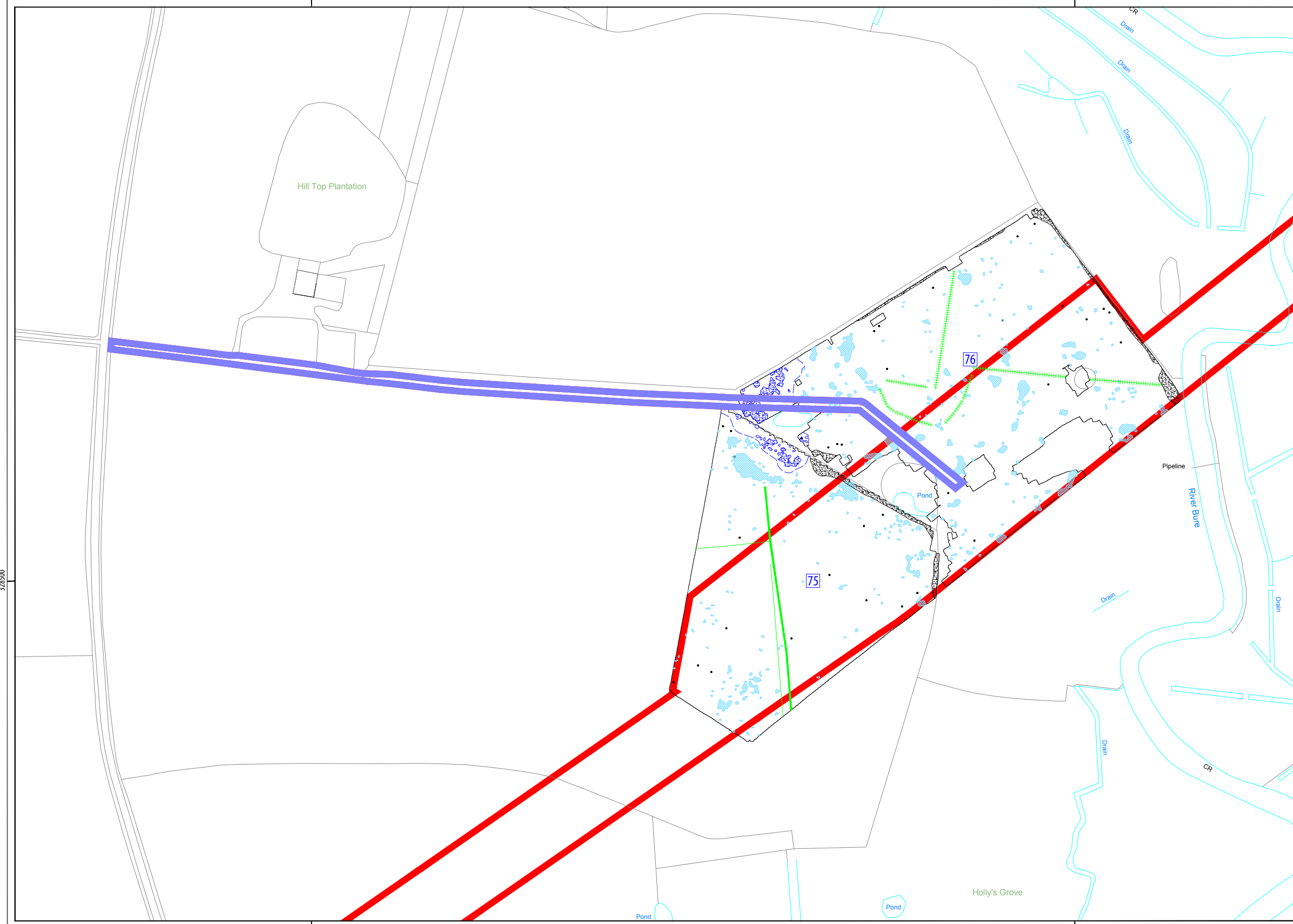


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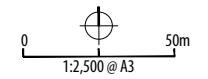
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
● magnetic disturbance	modern
— dipolar linear	service pipe
— linear trend	drain
— linear trend	agricultural
— linear	former field boundary
●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

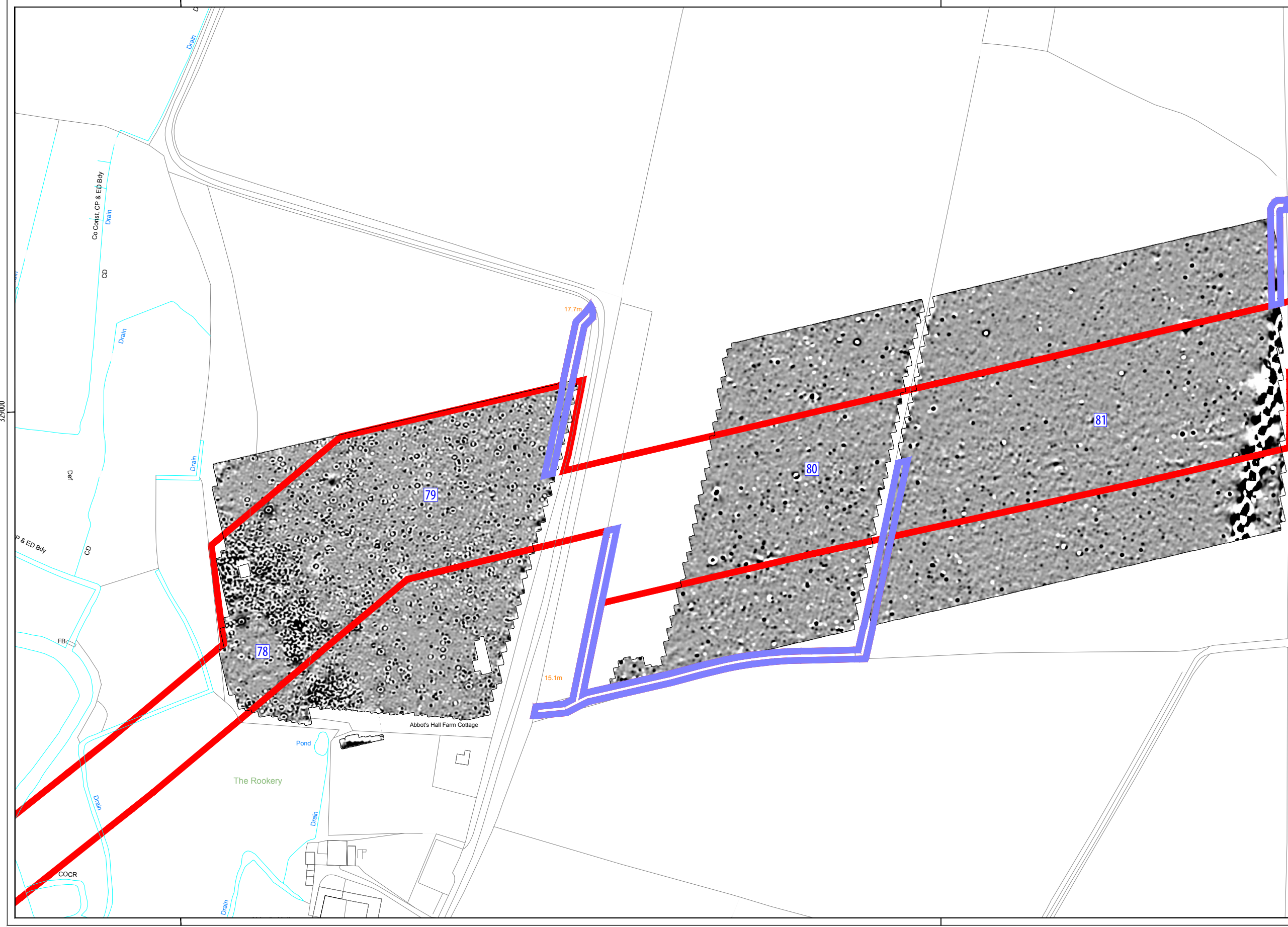


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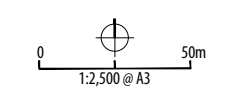
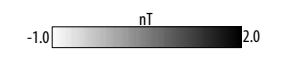
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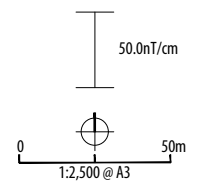
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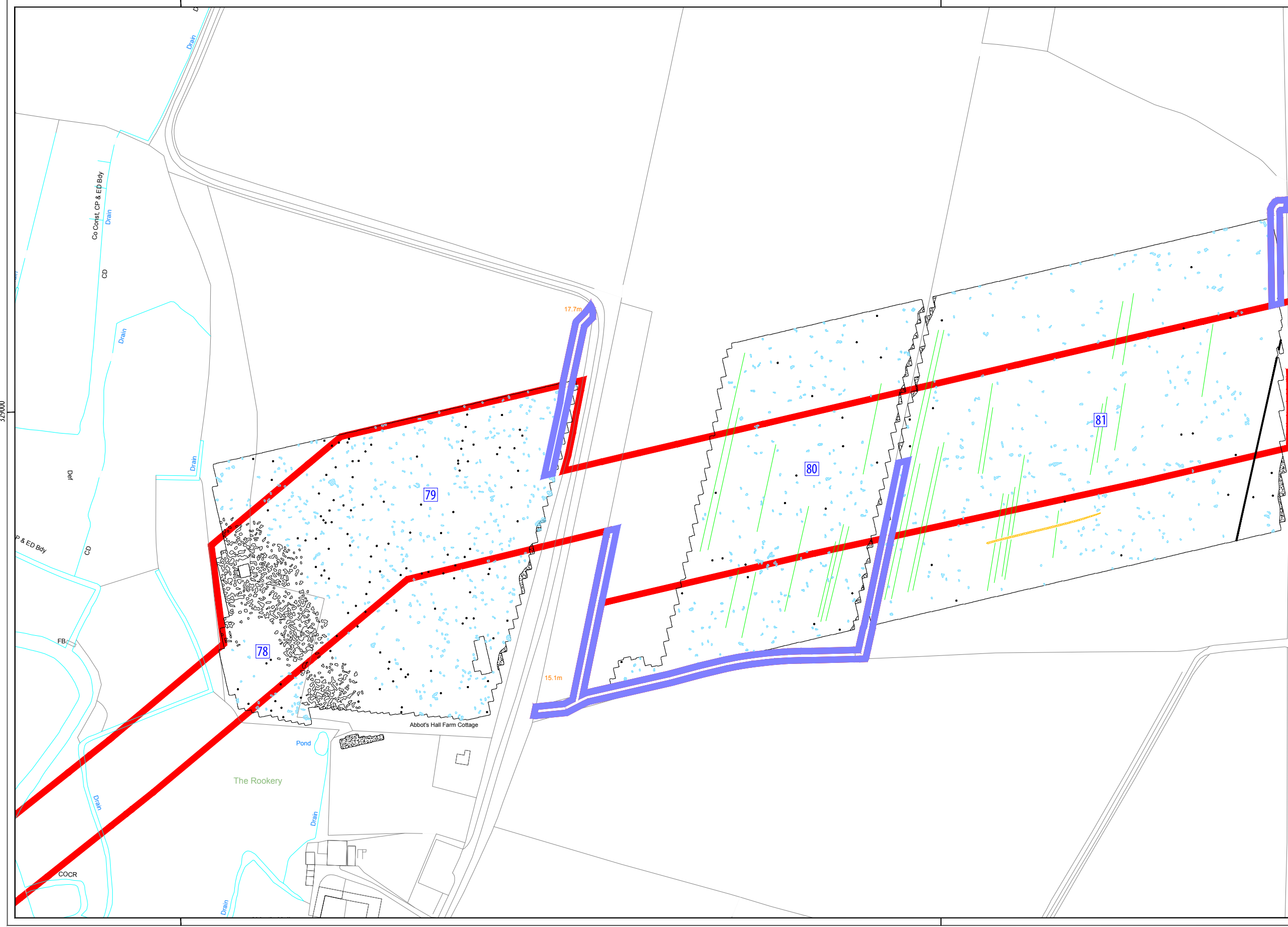


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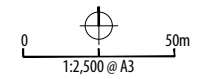
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	dipolar linear	service pipe
—	linear trend	agricultural
—	linear trend	geology
■	magnetic enhancement	geology
■	magnetic enhancement	archaeology?



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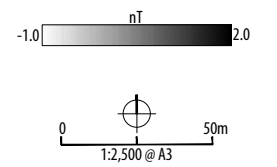
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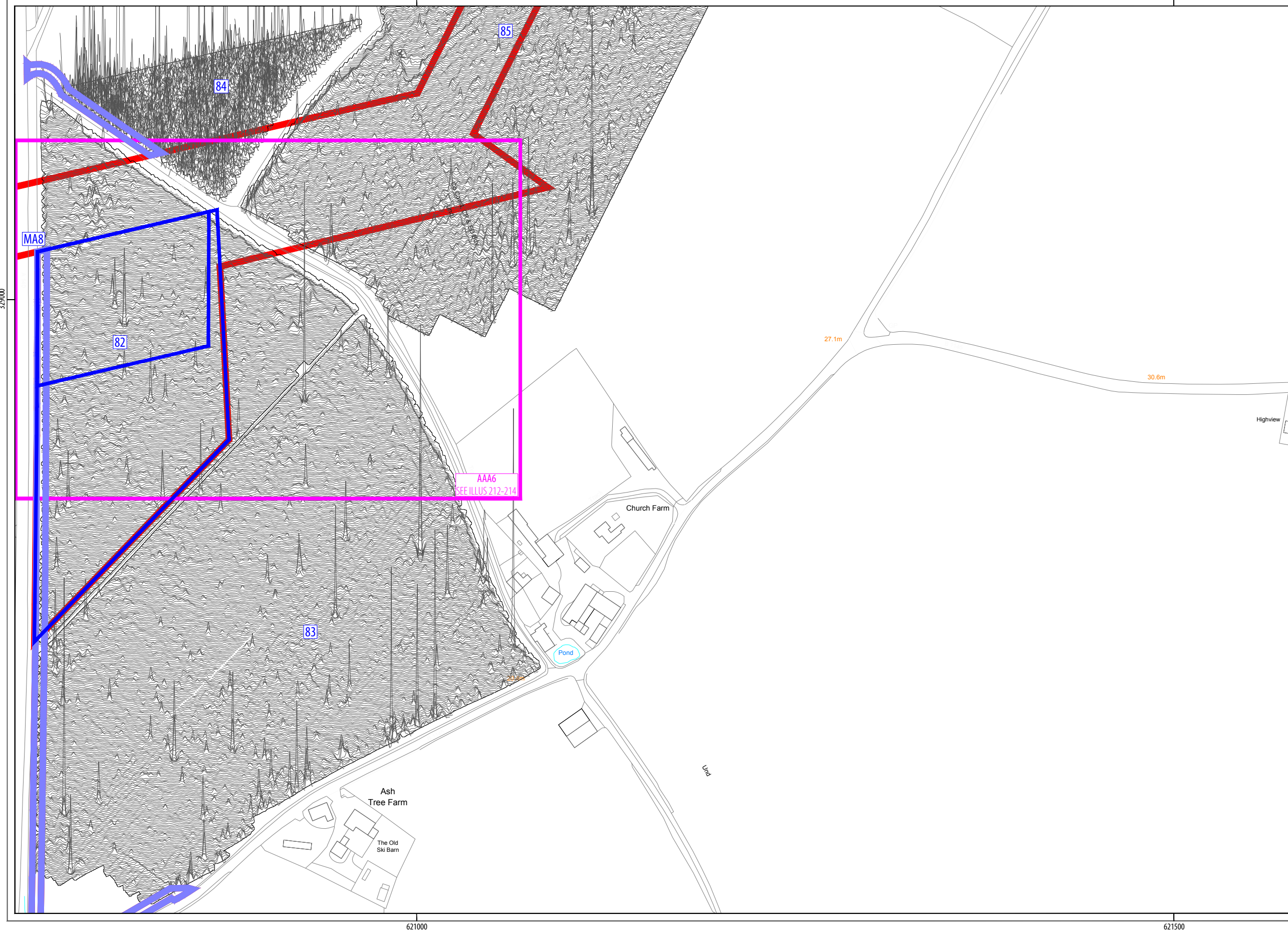


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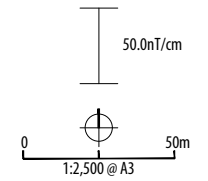
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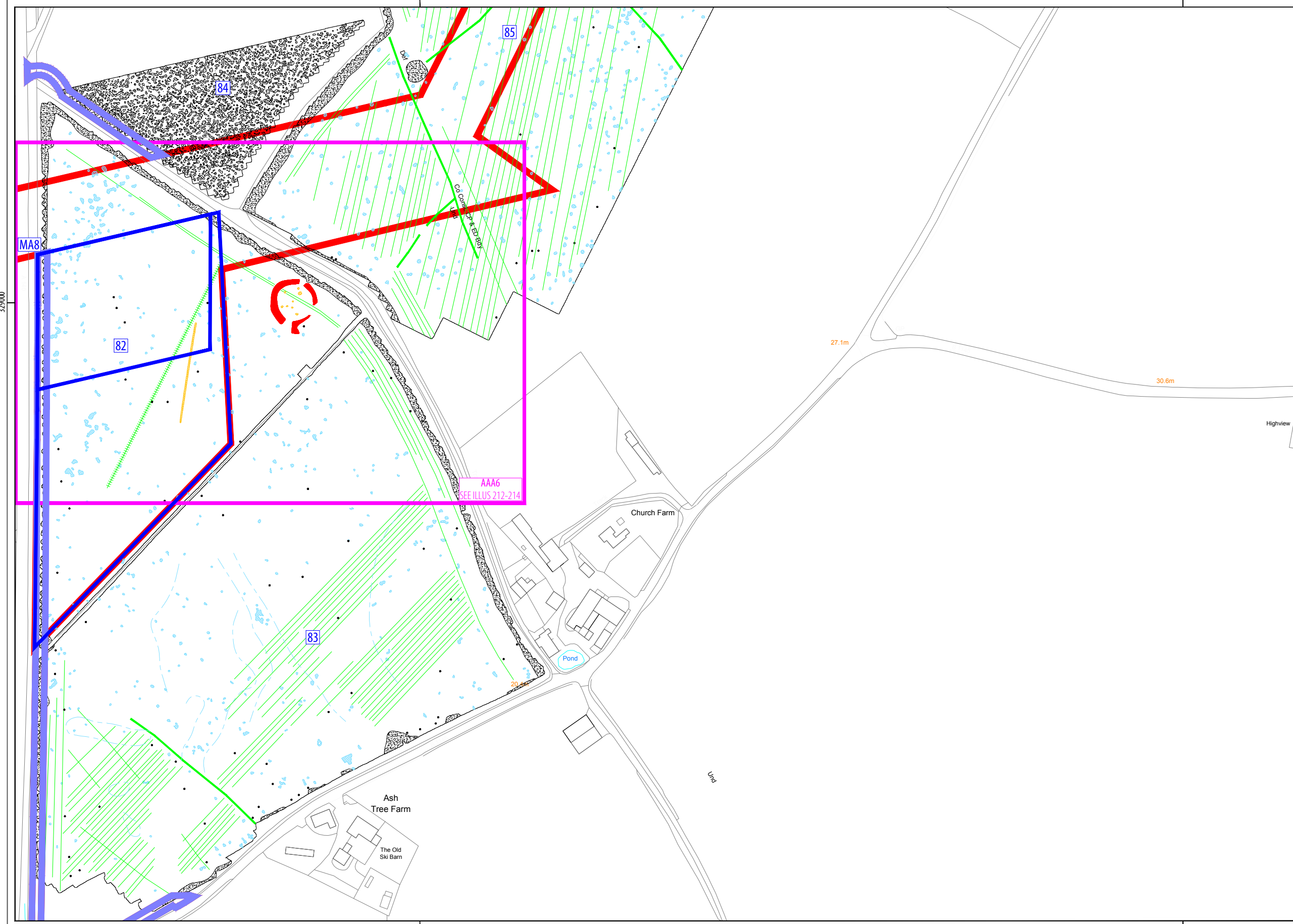
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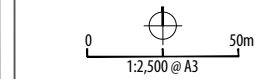


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ILLUS 123 XY trace plot of minimally processed of magnetometer data; PAGSA 82-85



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●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	drain
—	linear trend	agricultural
—	linear	former field boundary
—	linear trend	geology
⊕	magnetic enhancement	geology
⊗	magnetic enhancement	archaeology?
●	magnetic enhancement	archaeology



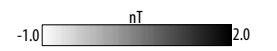
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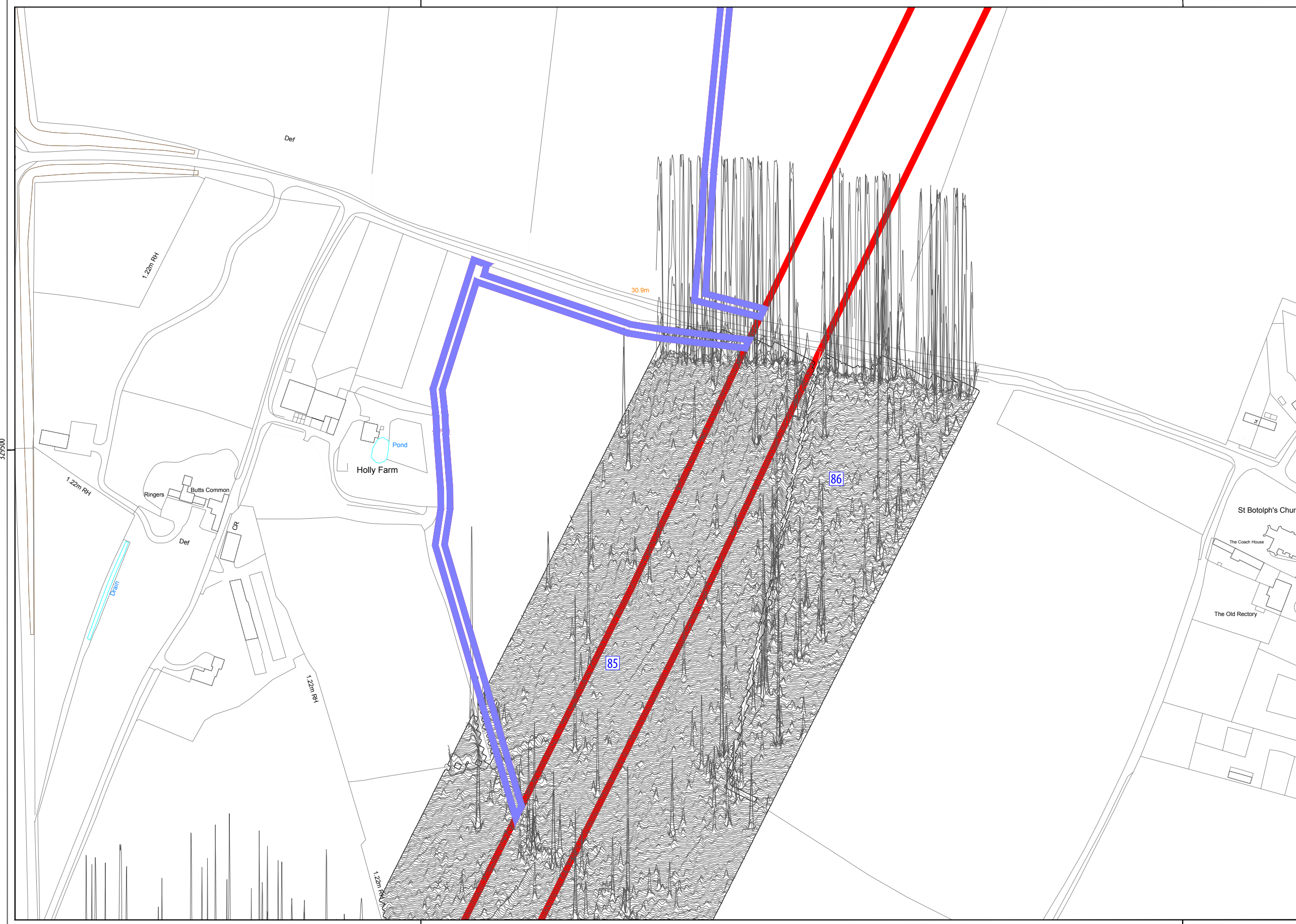


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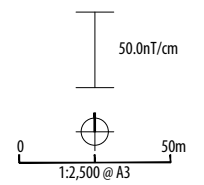
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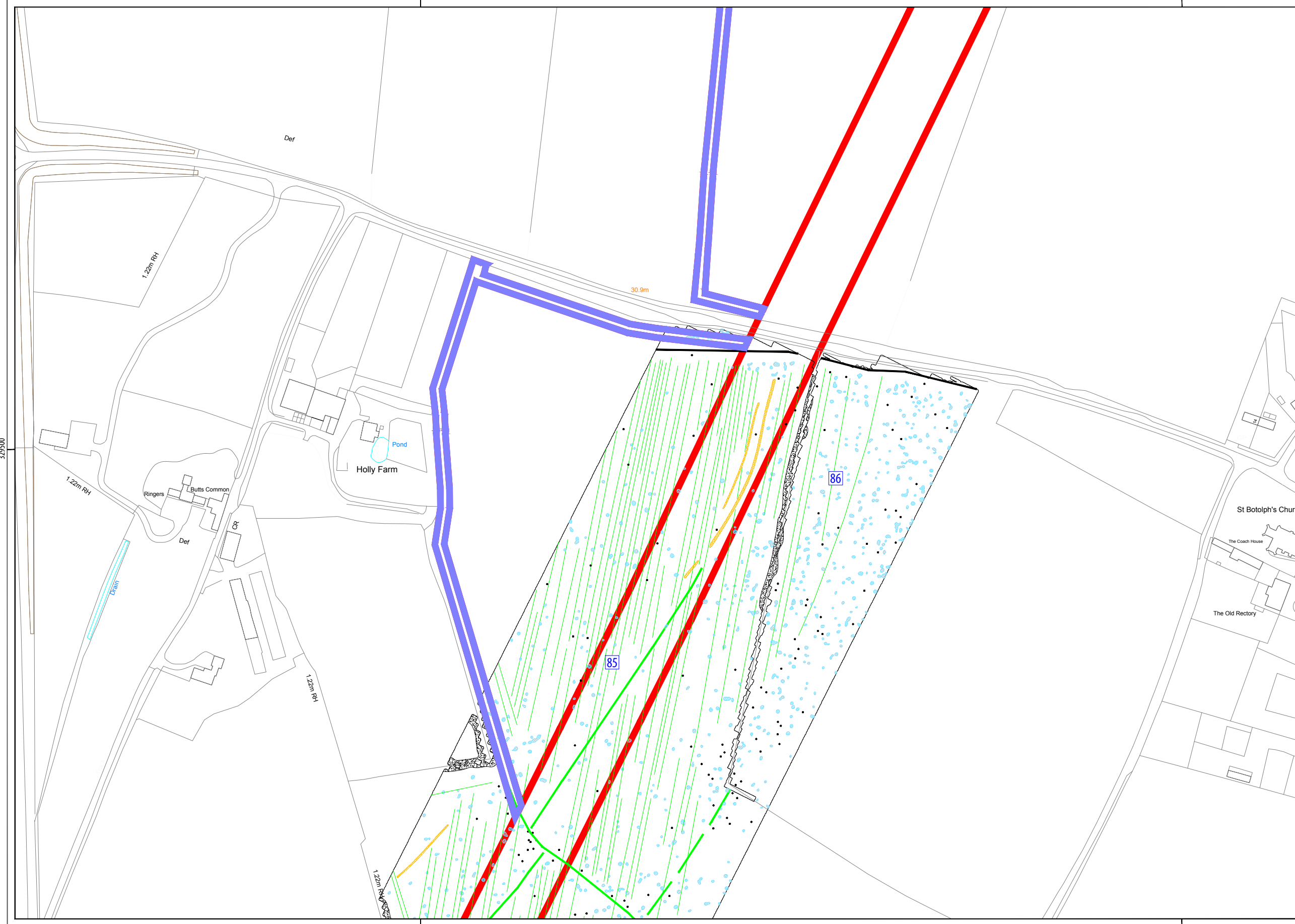


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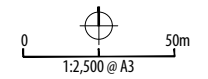
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear	former field boundary?
— linear	former field boundary?
⊕ magnetic enhancement	geology
⊗ magnetic enhancement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

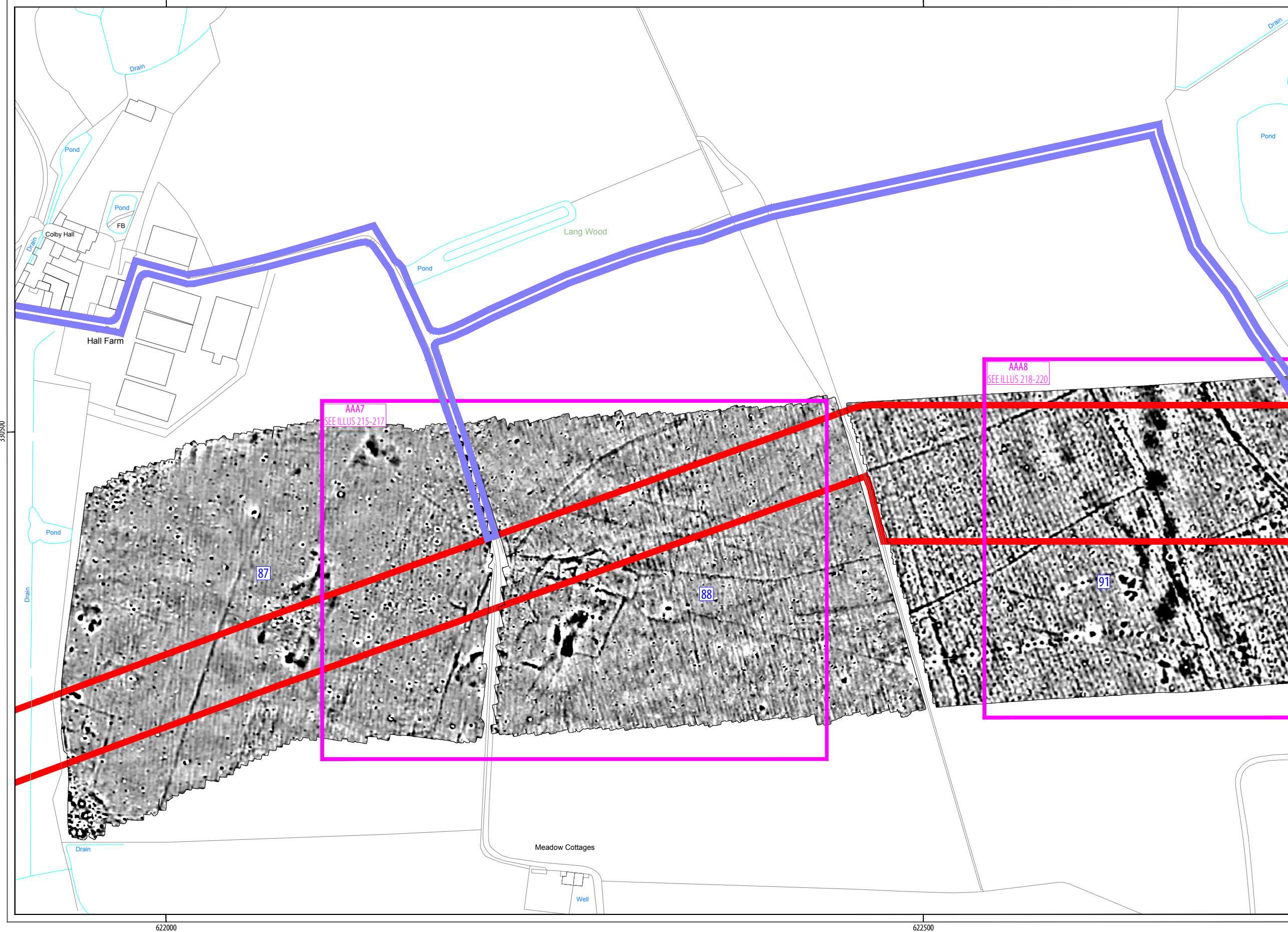


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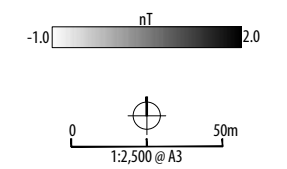
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norfolk vanguard red line boundary
access route



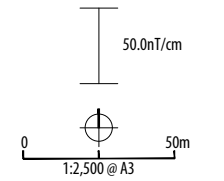
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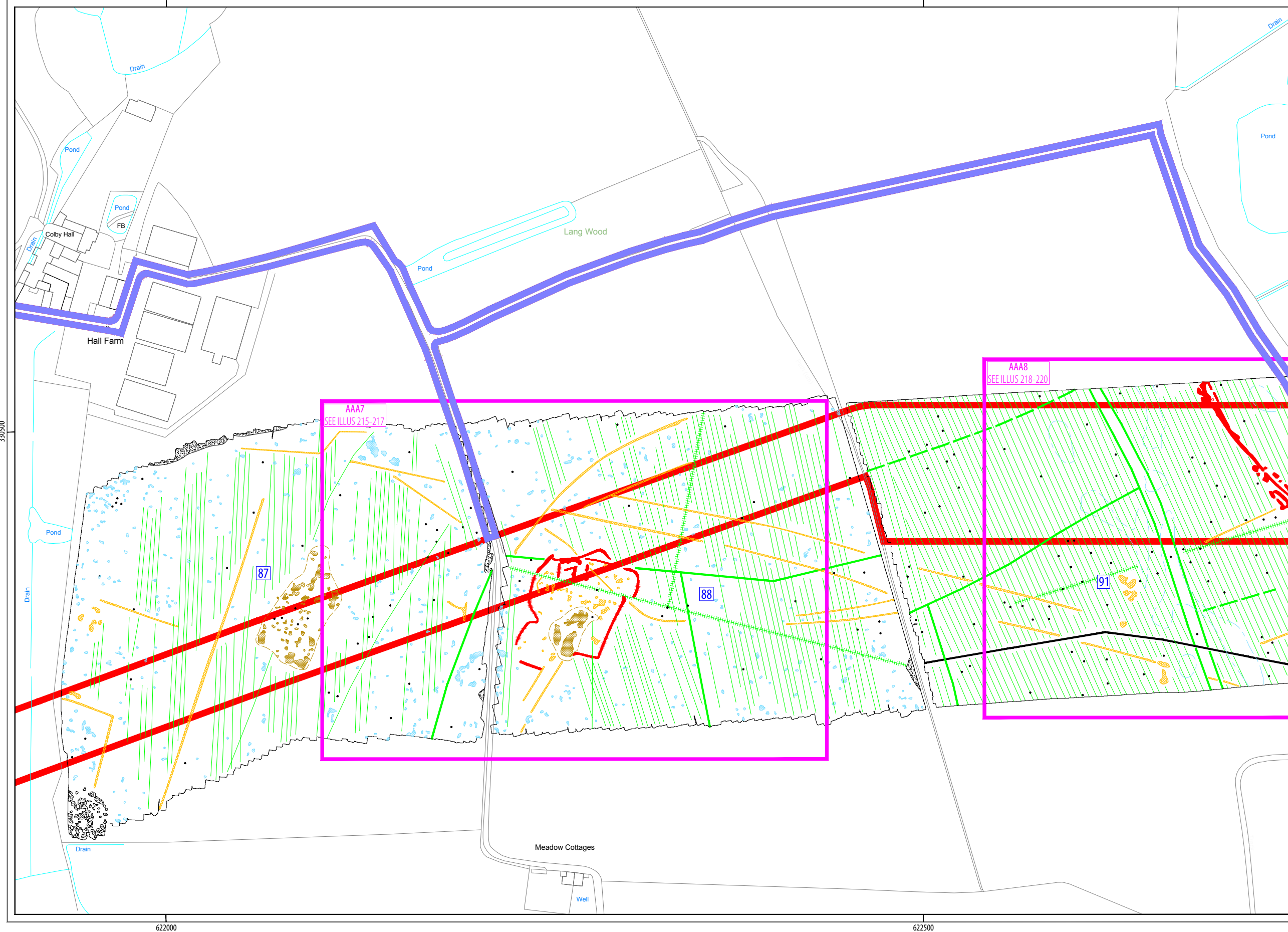


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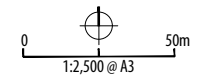


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ILLUS 129 XY trace plot of minimally processed of magnetometer data; PAGSA 87-91



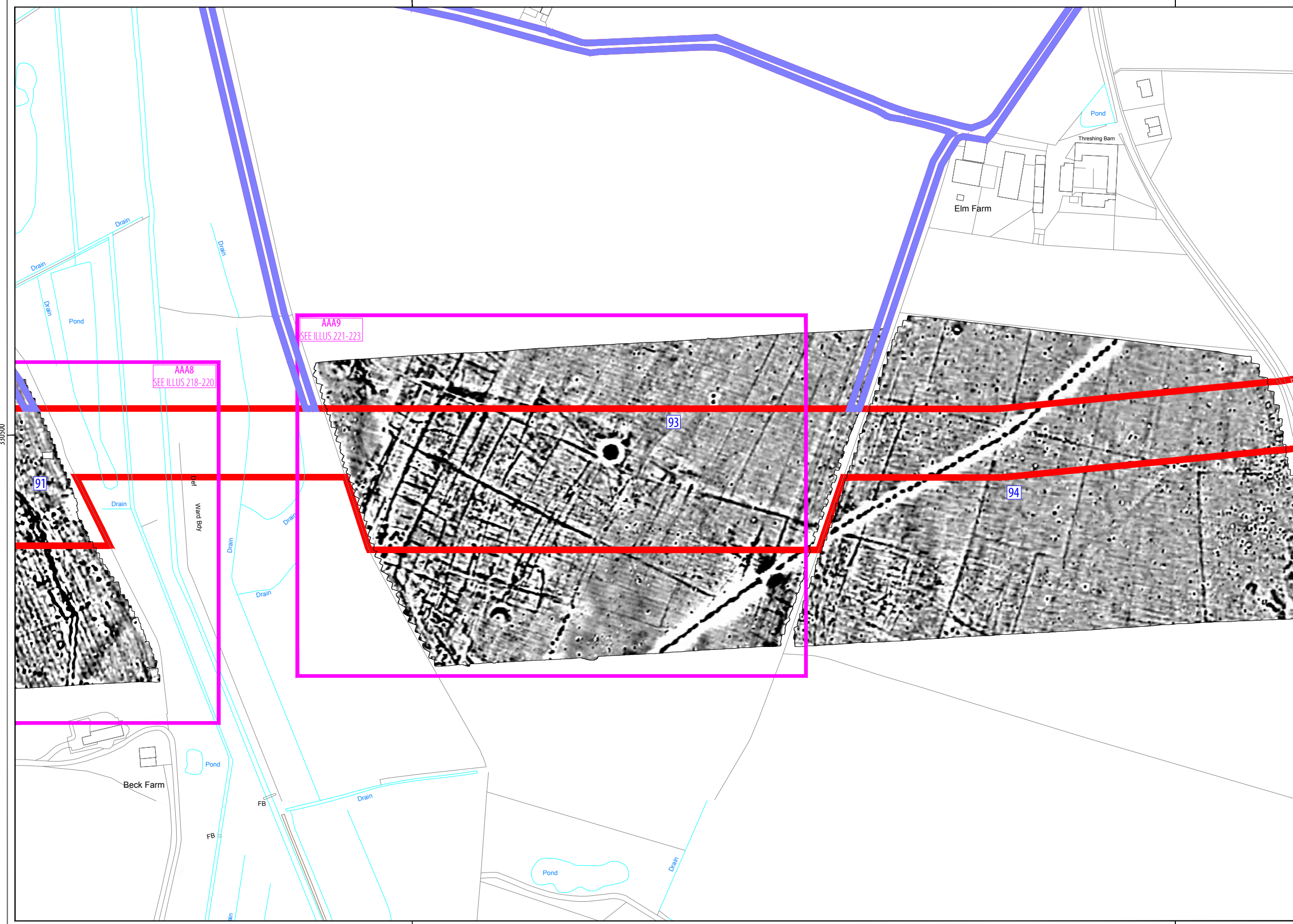
TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— dipolar linear	service pipe
— linear trend	drain
— linear trend	agricultural
— linear	former field boundary?
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology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



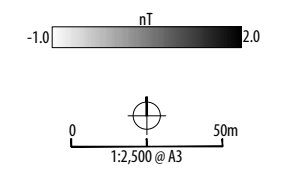
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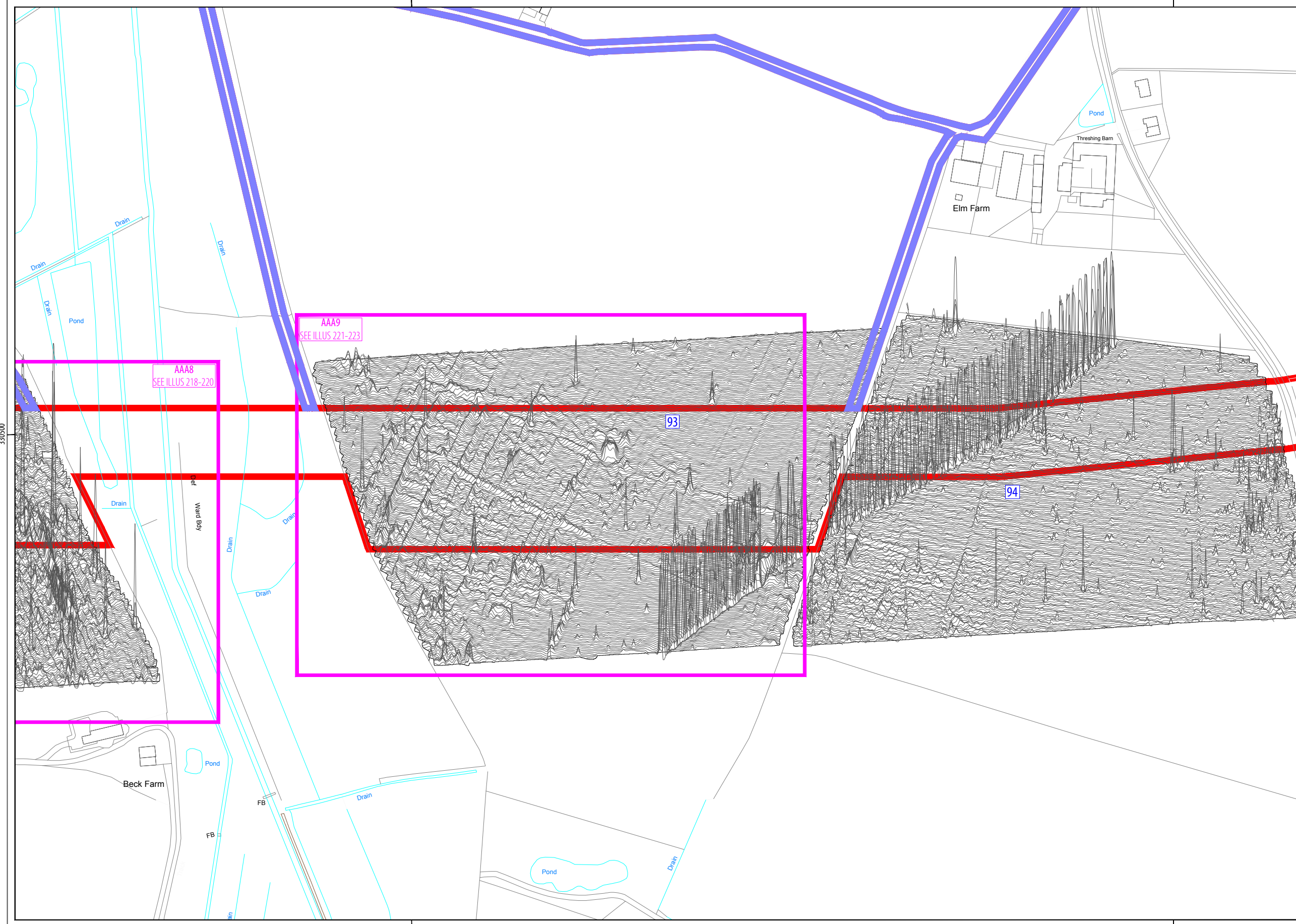


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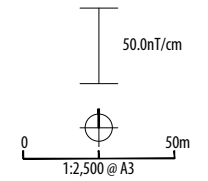
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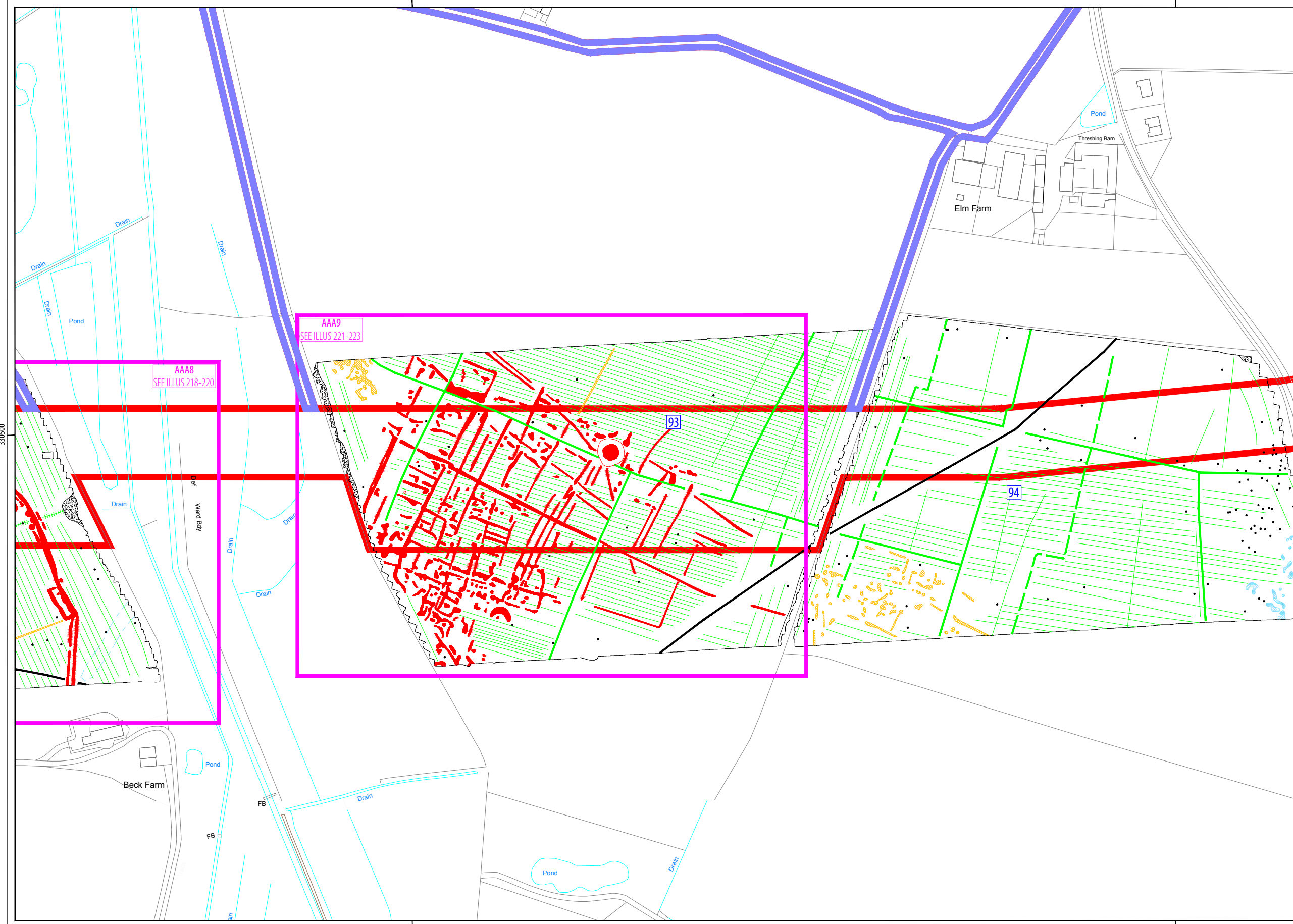


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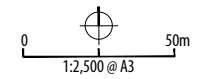
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TYPE OF ANOMALY	INTERPRETATION
— (red line)	norfolk vanguard red line boundary
— (blue line)	access route
• (black dot)	dipolar isolated ferrous material
••••• (black dots)	magnetic disturbance ferrous material
— (black line)	dipolar linear service pipe
— (green line with dashes)	linear trend drain
— (green line)	linear trend agricultural
— (green line)	linear former field boundary?
— (green line)	linear former field boundary
••••• (blue dots)	magnetic enhancement geology
••••• (yellow dots)	magnetic enhancement archaeology?
••••• (red dots)	magnetic enhancement archaeology



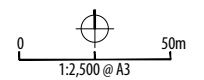
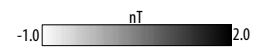
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access route

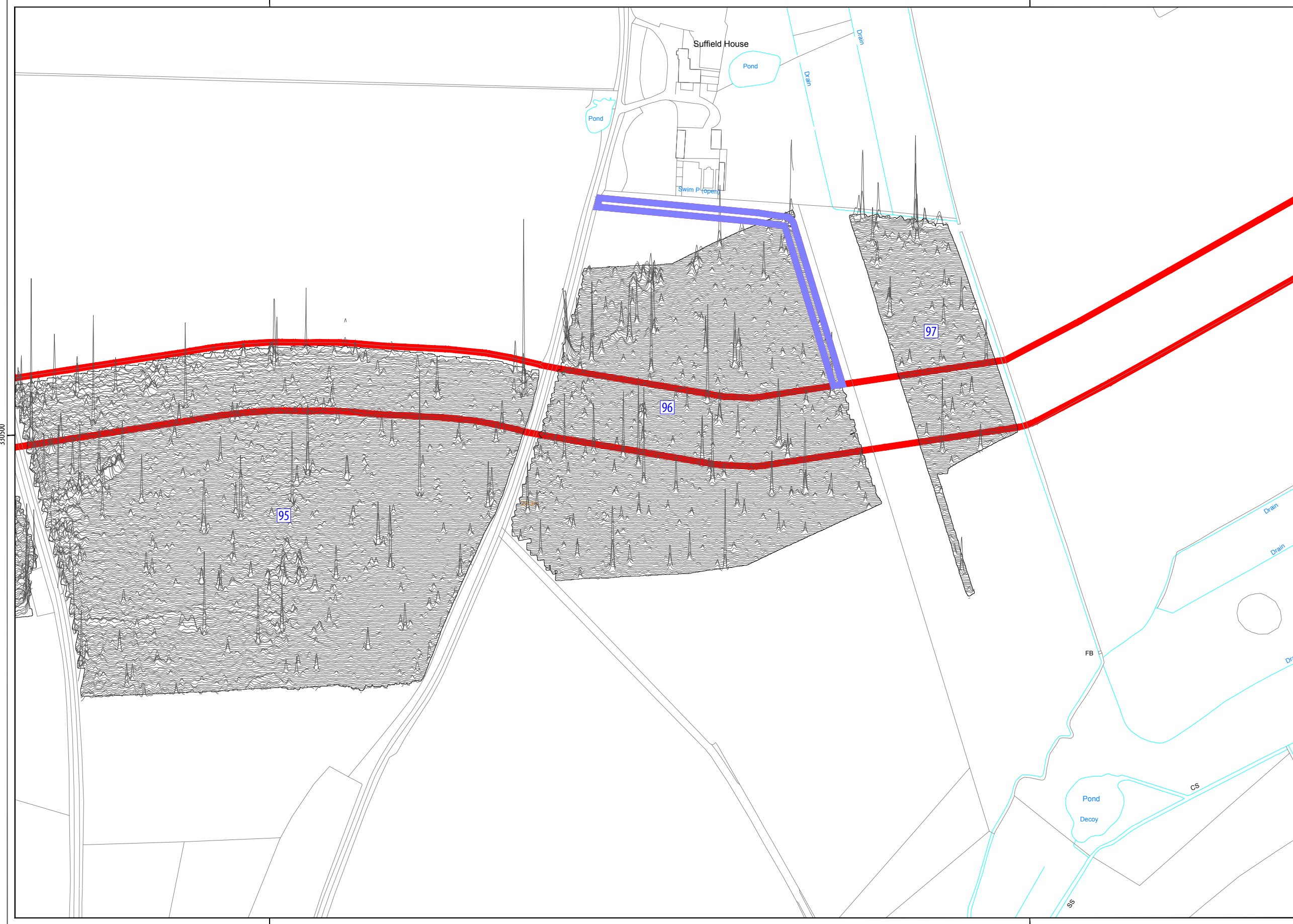


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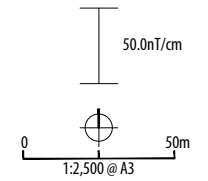
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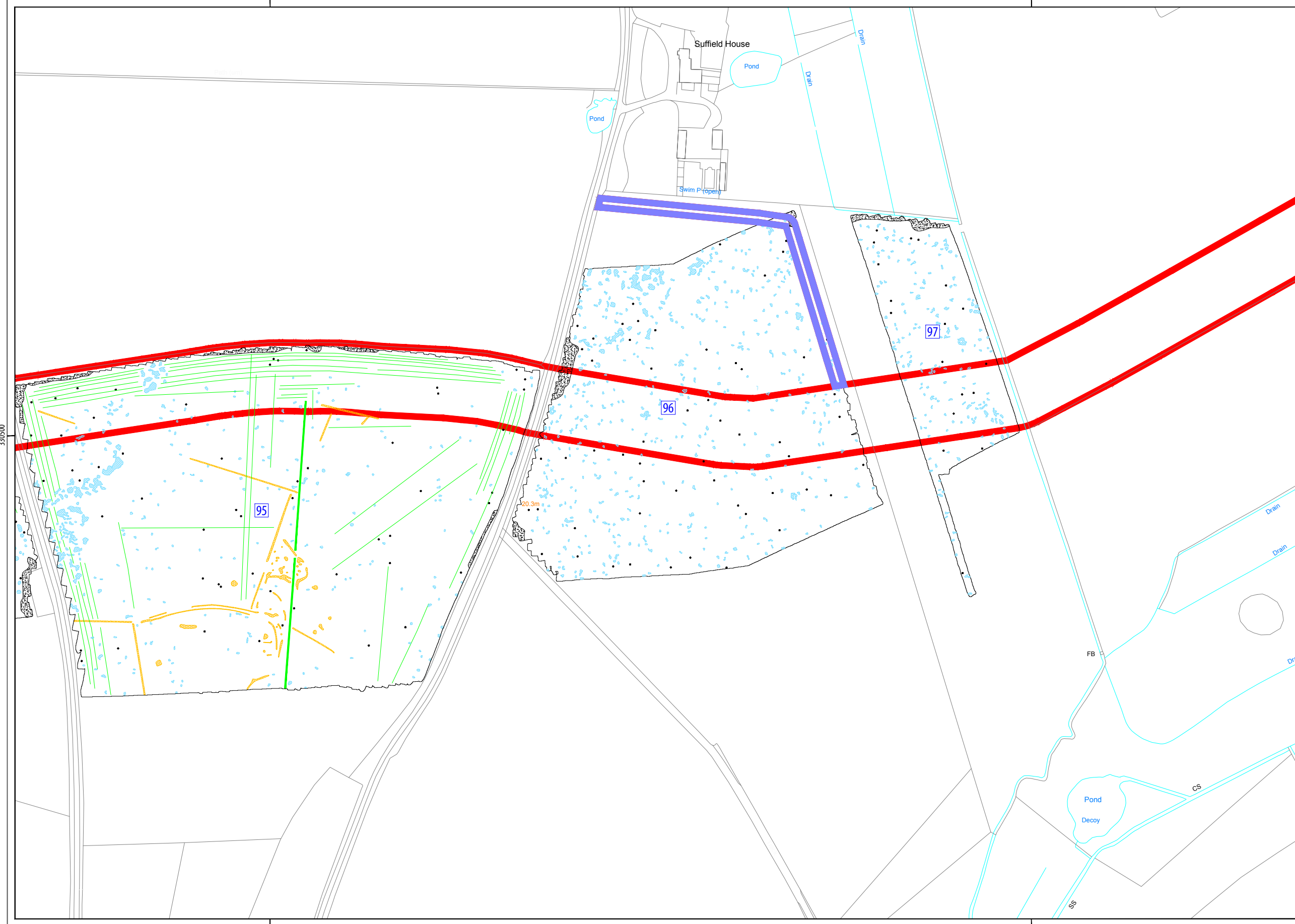


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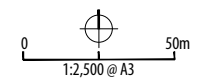
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology
● magnetic enhancement	archaeology?



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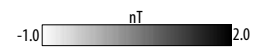
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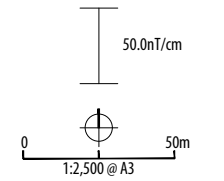
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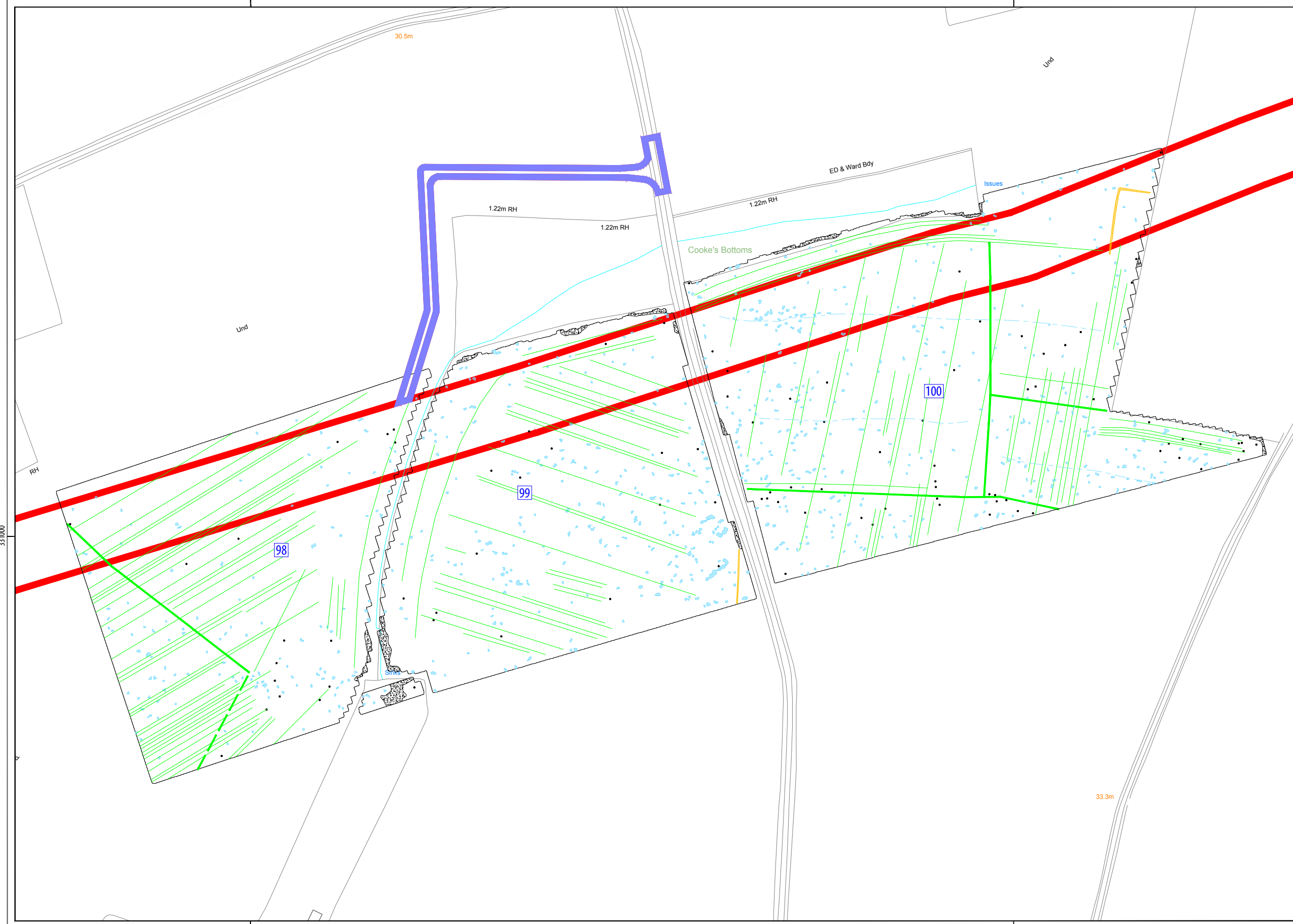


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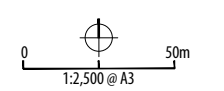
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	agricultural
—	linear	former field boundary?
—	linear	former field boundary?
—	linear trend	geology
⊕	magnetic enhancement	geology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

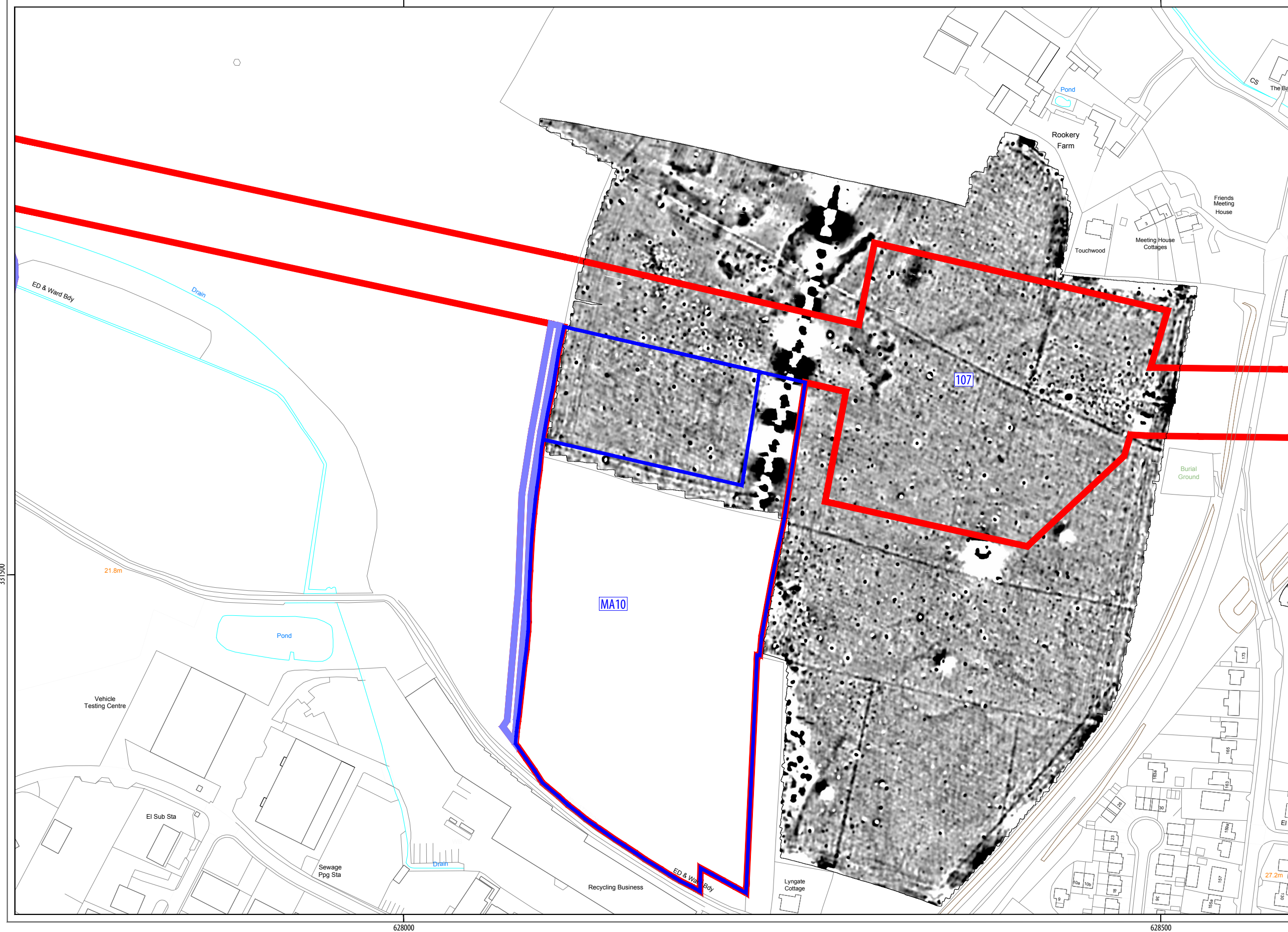


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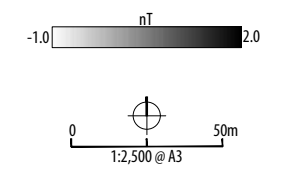
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- norfolk vanguard red line boundary
- mobilisation area
- access route

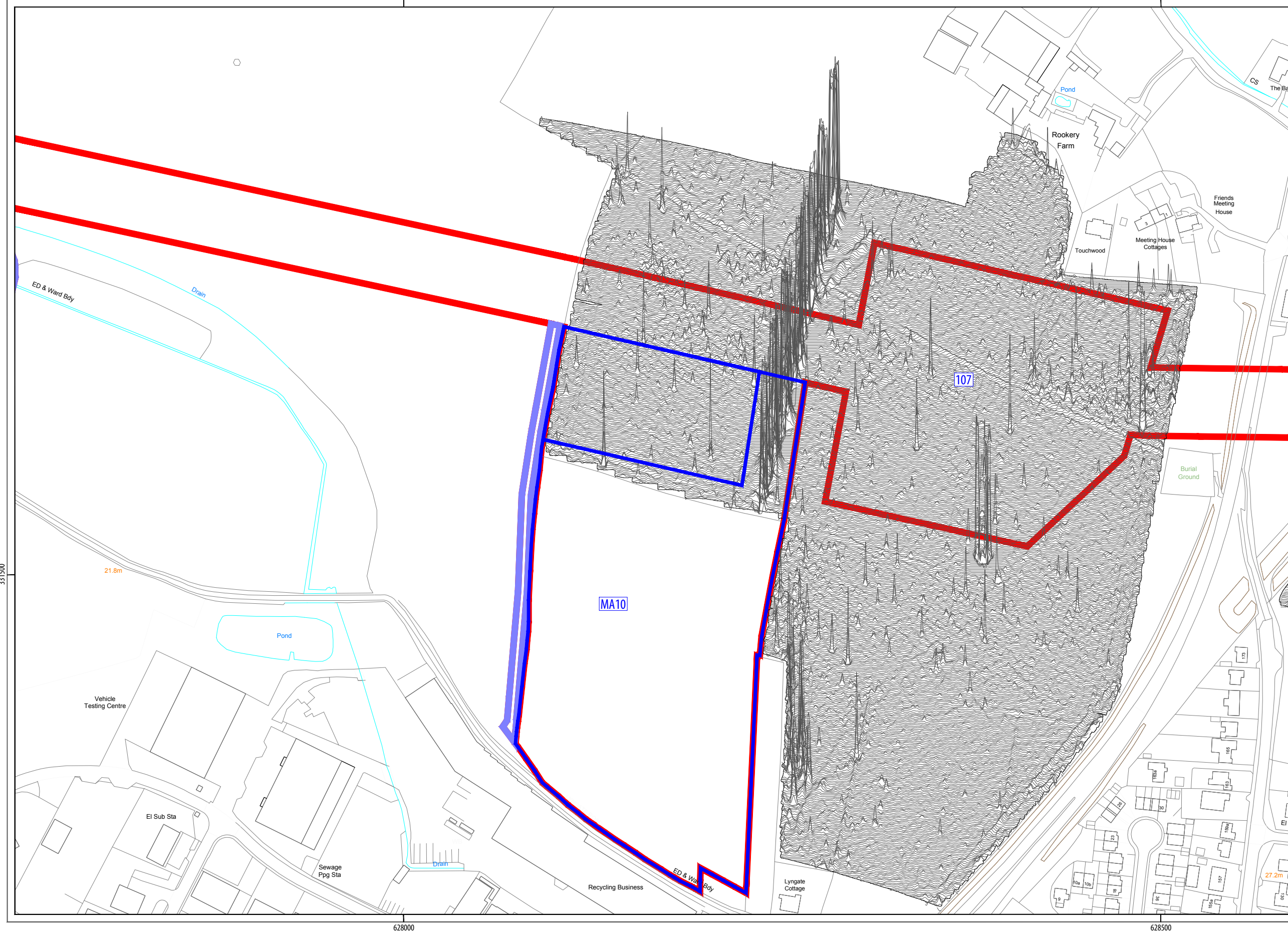


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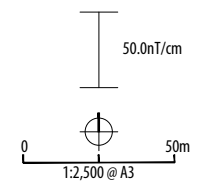
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- norfolk vanguard red line boundary
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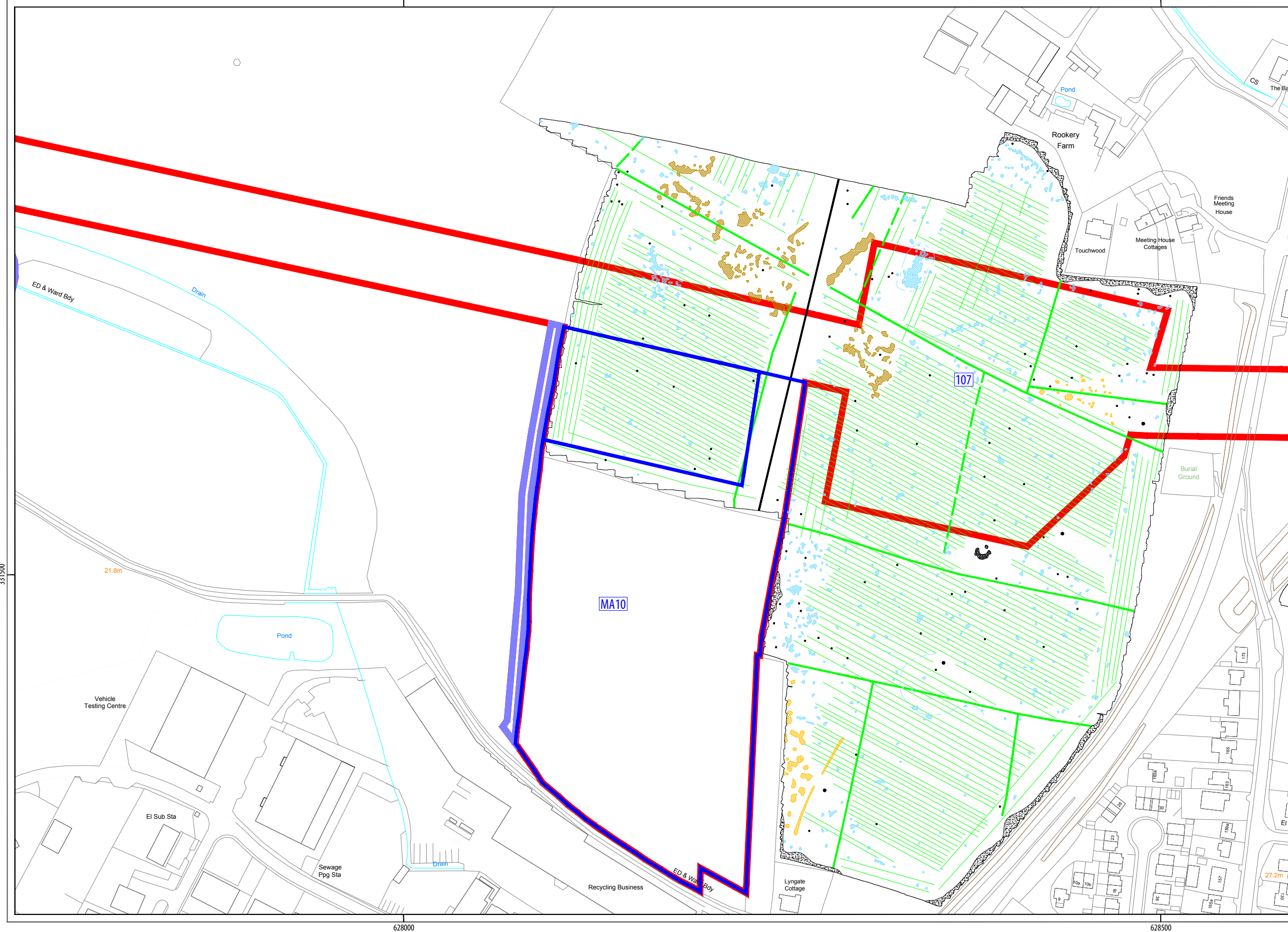


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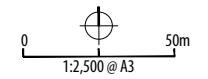
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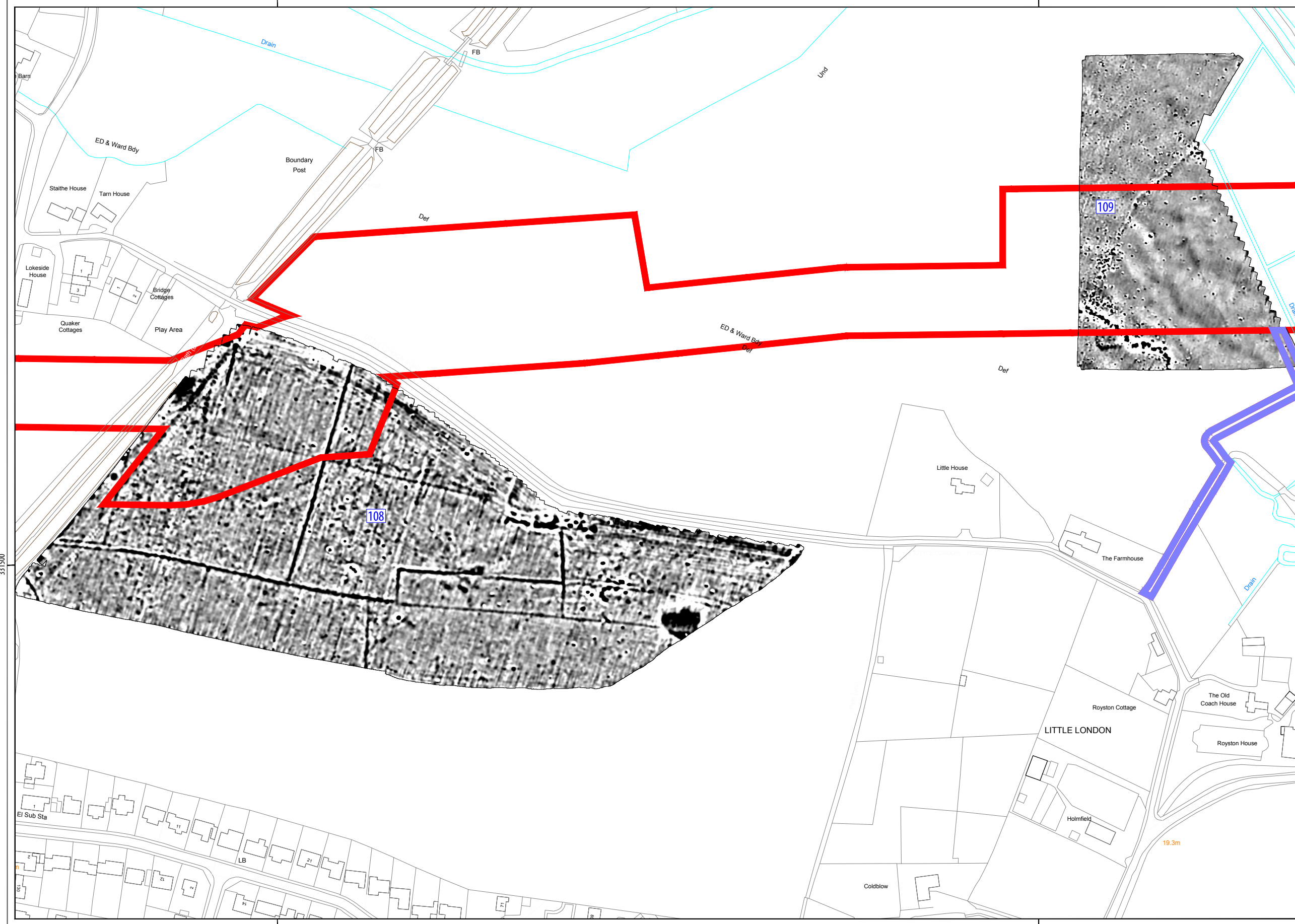
TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— dipolar linear	service pipe
— linear trend	agricultural
— linear	former field boundary?
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology
● magnetic enhancement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



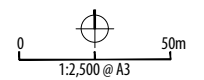
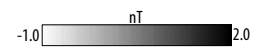
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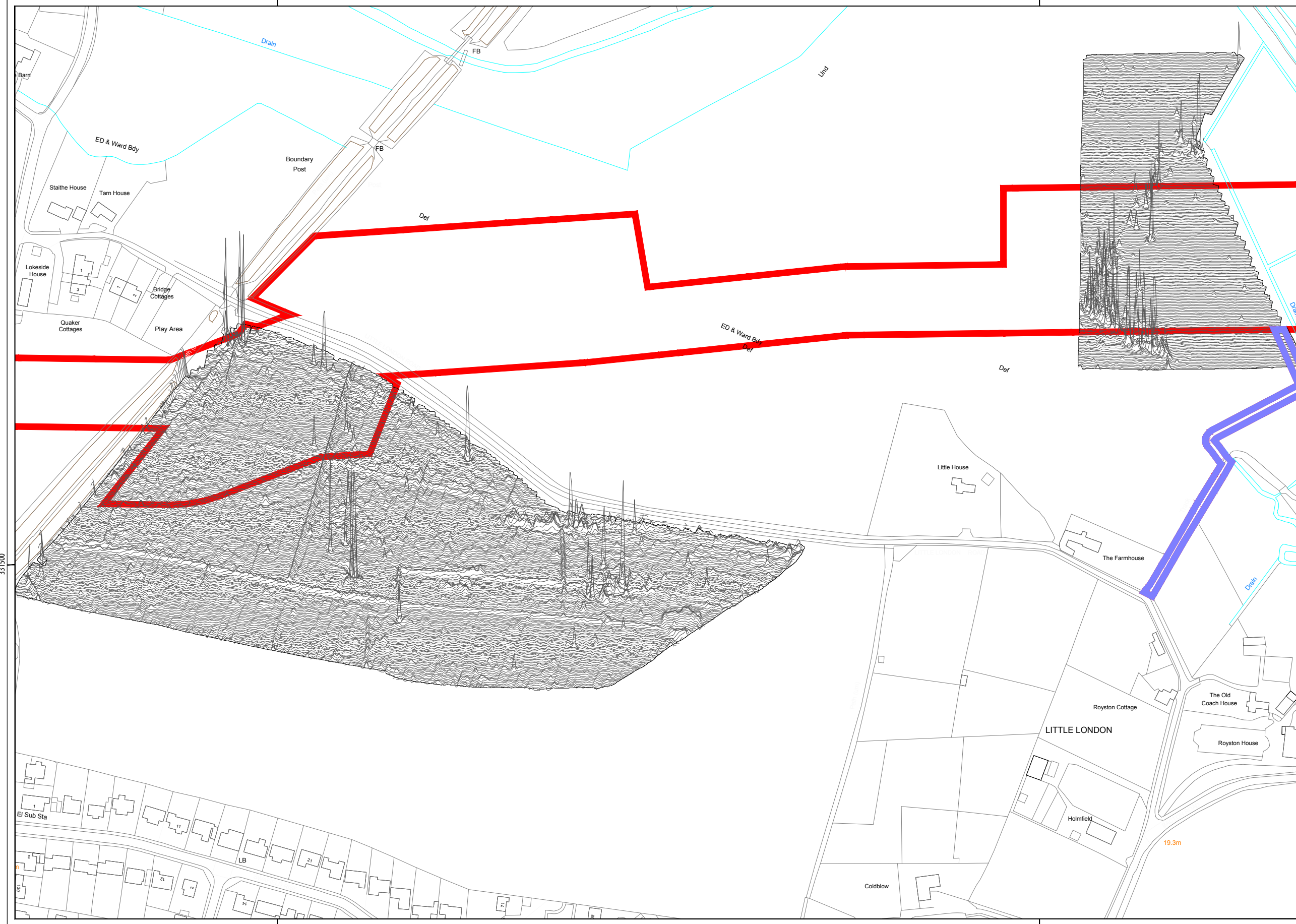
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access route



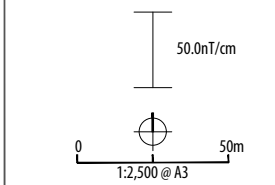
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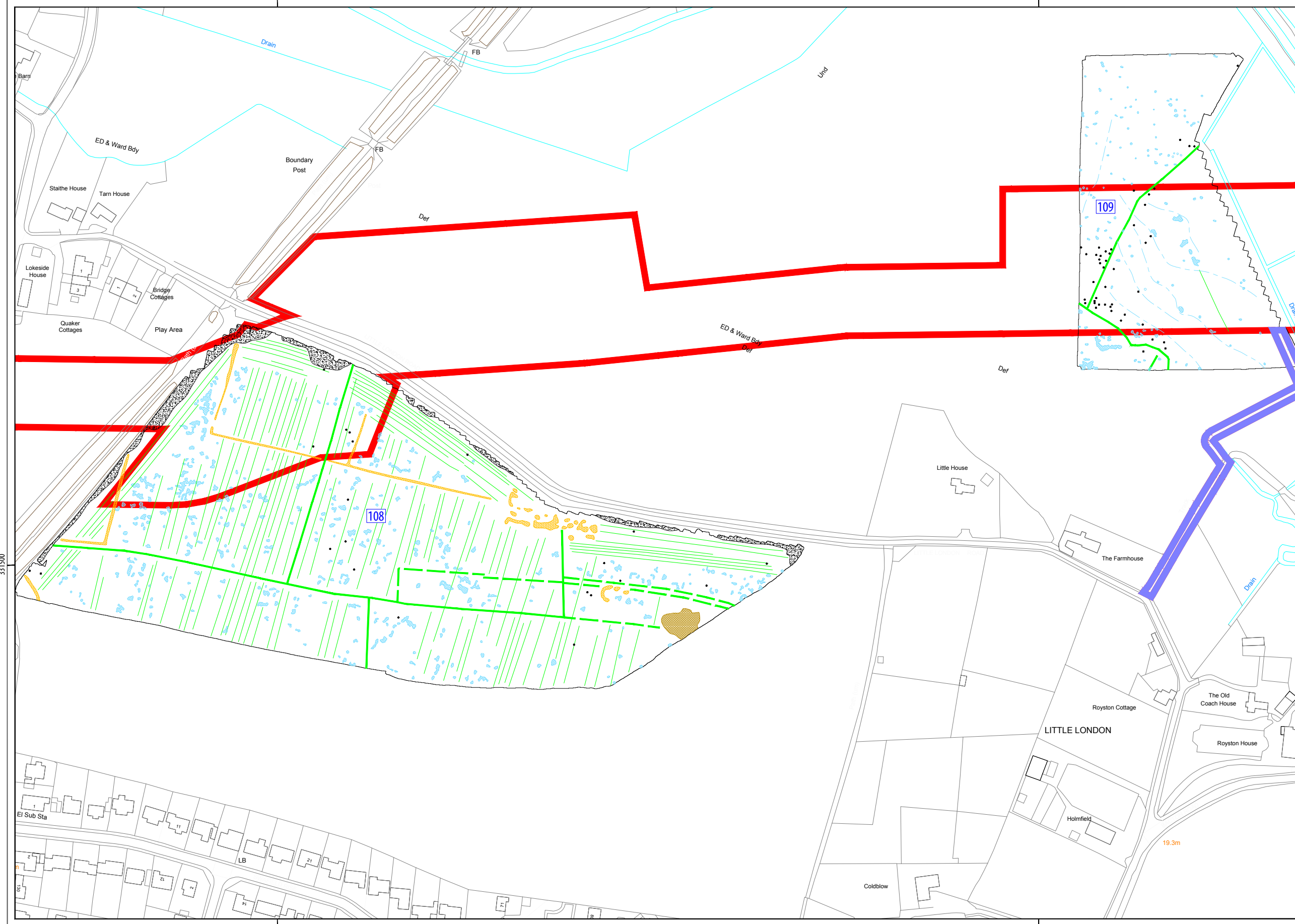
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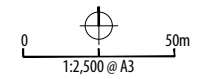
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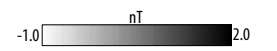
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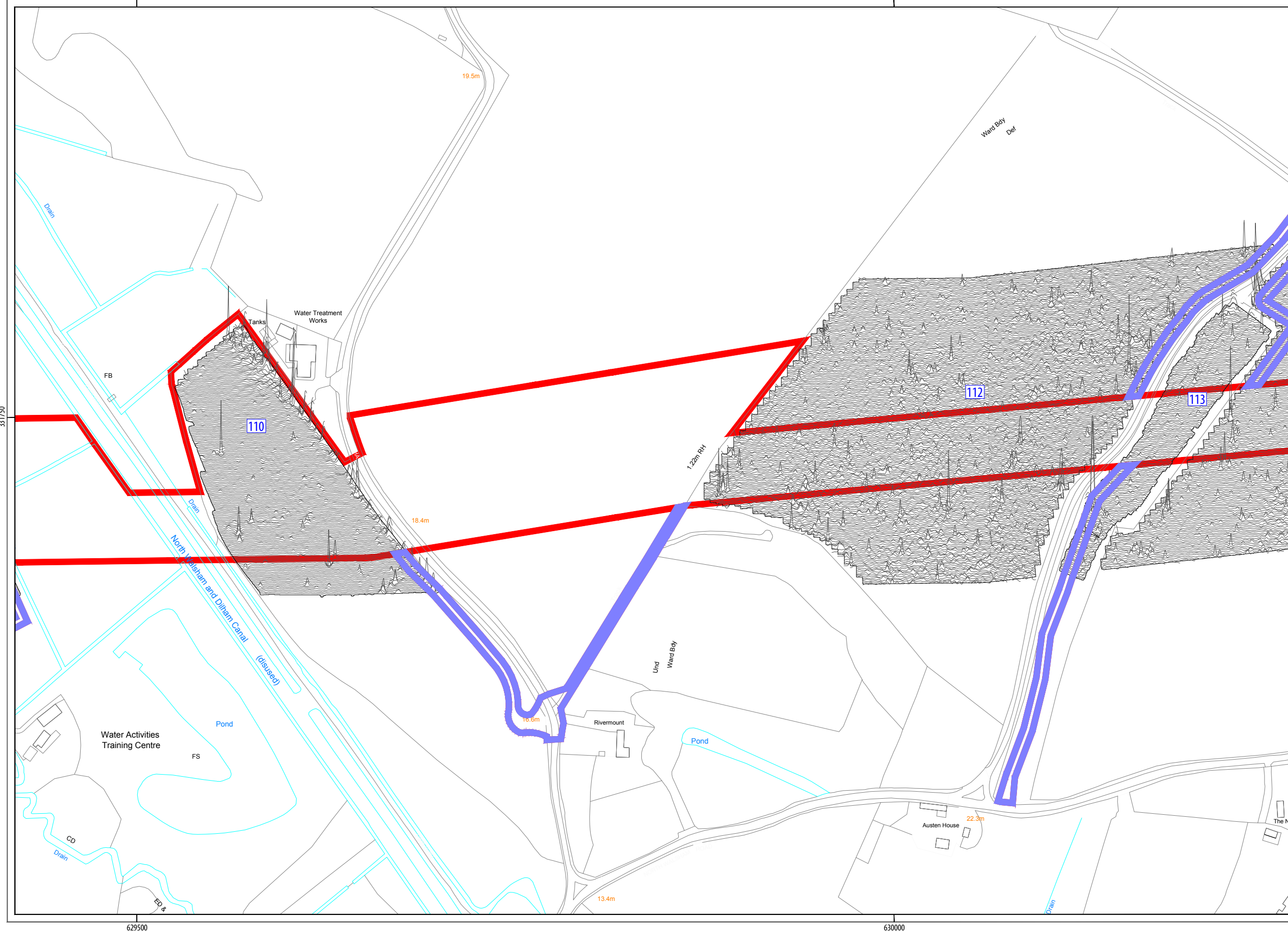


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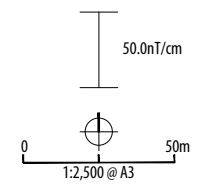
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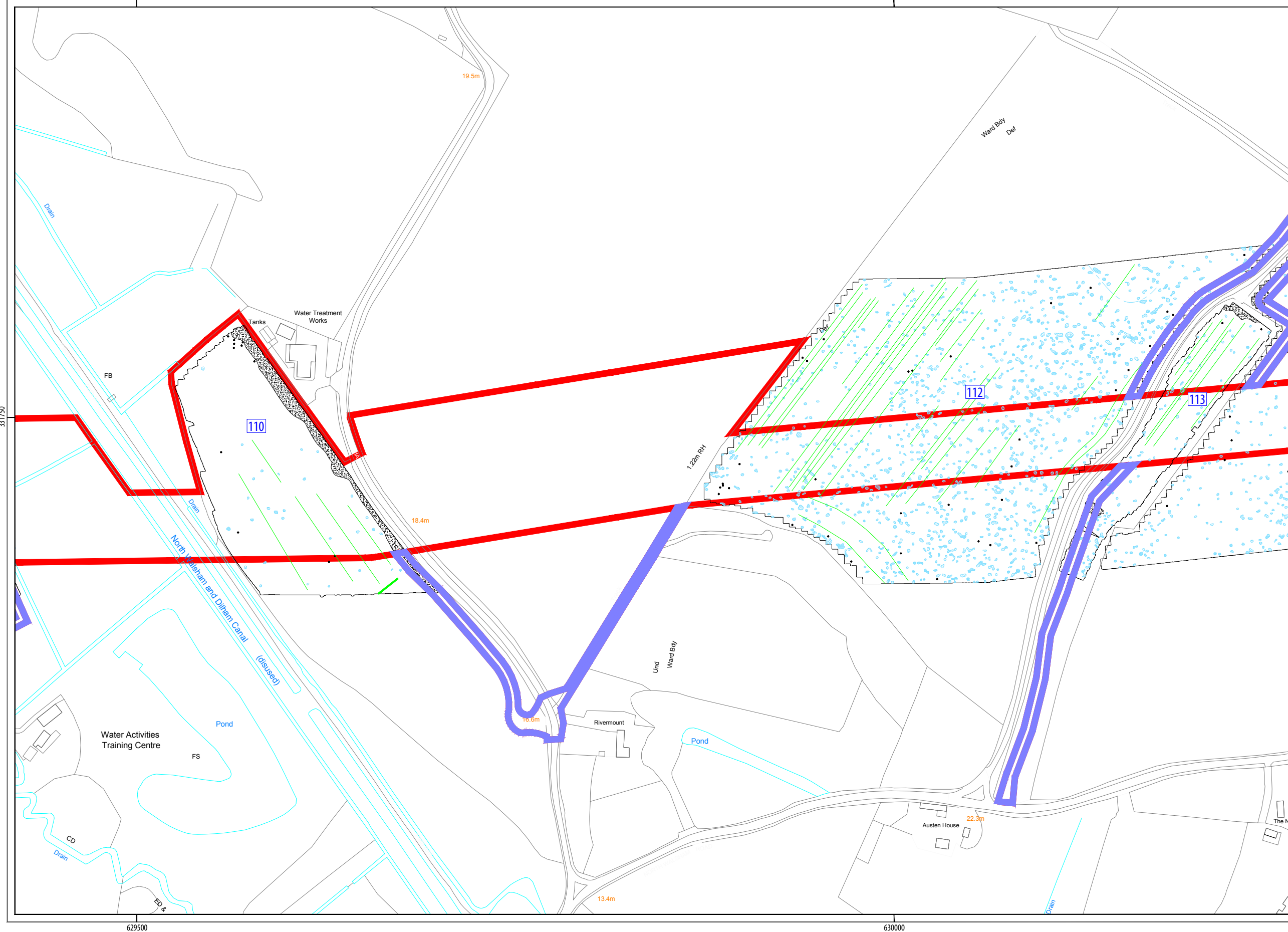


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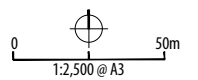
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—	linear trend	geology
●	magnetic enhancement	geology



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