

# Norfolk Boreas Offshore Wind Farm

# Appendix 28.2

## Priority Archaeological Geophysical Survey Report (Part 2)

*As produced for Norfolk Vanguard*

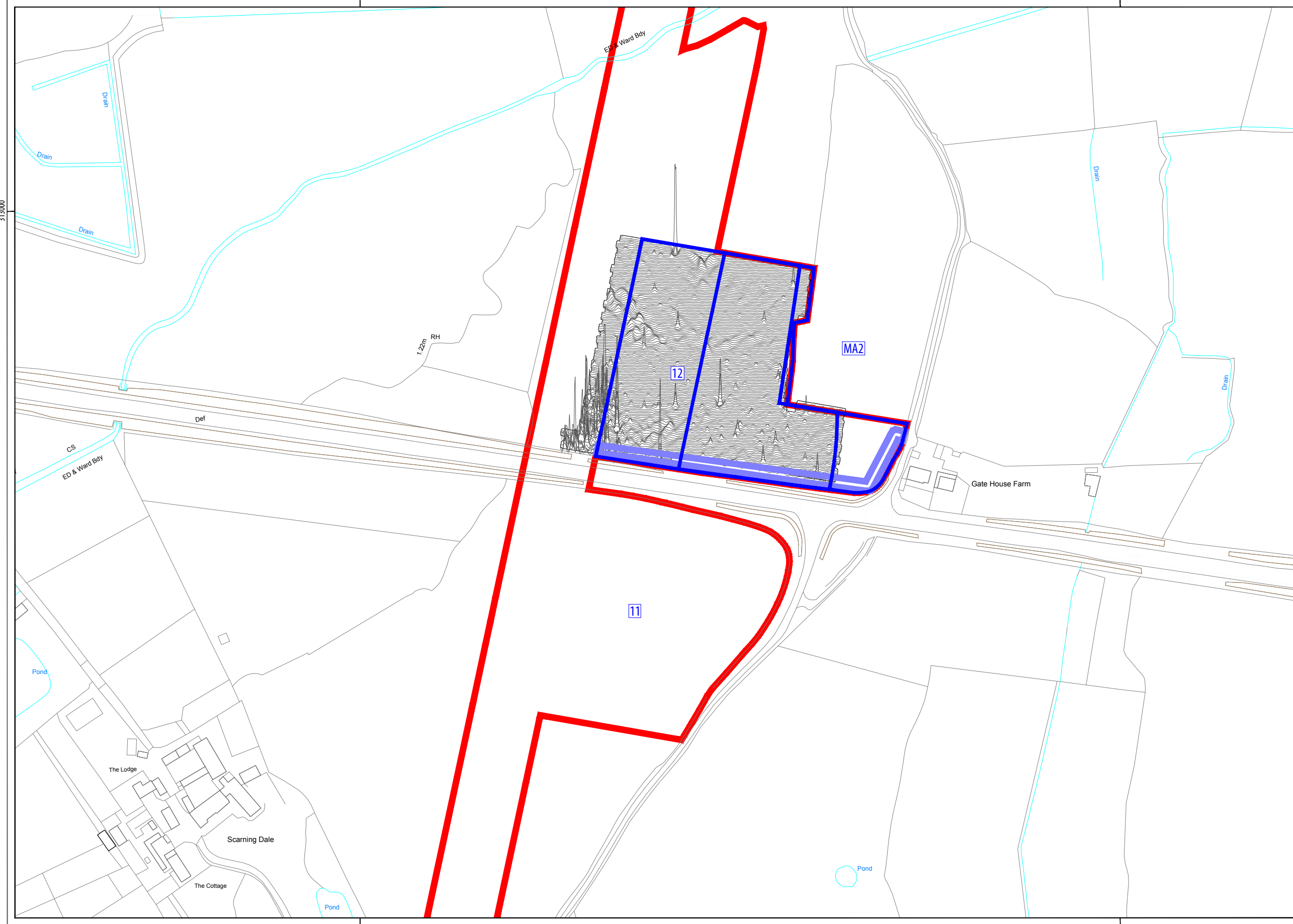
## Environmental Statement

## Volume 3

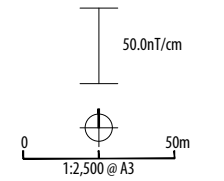
Applicant: Norfolk Boreas Limited  
Document Reference: 6.3.28.2  
RHDHV Reference: PB5640-006-2802  
Pursuant to APFP Regulation: 5(2)(a)

Date: June 2019  
Revision: Version 1  
Author: Royal HaskoningDHV

*Photo: Ormonde Offshore Wind Farm*



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



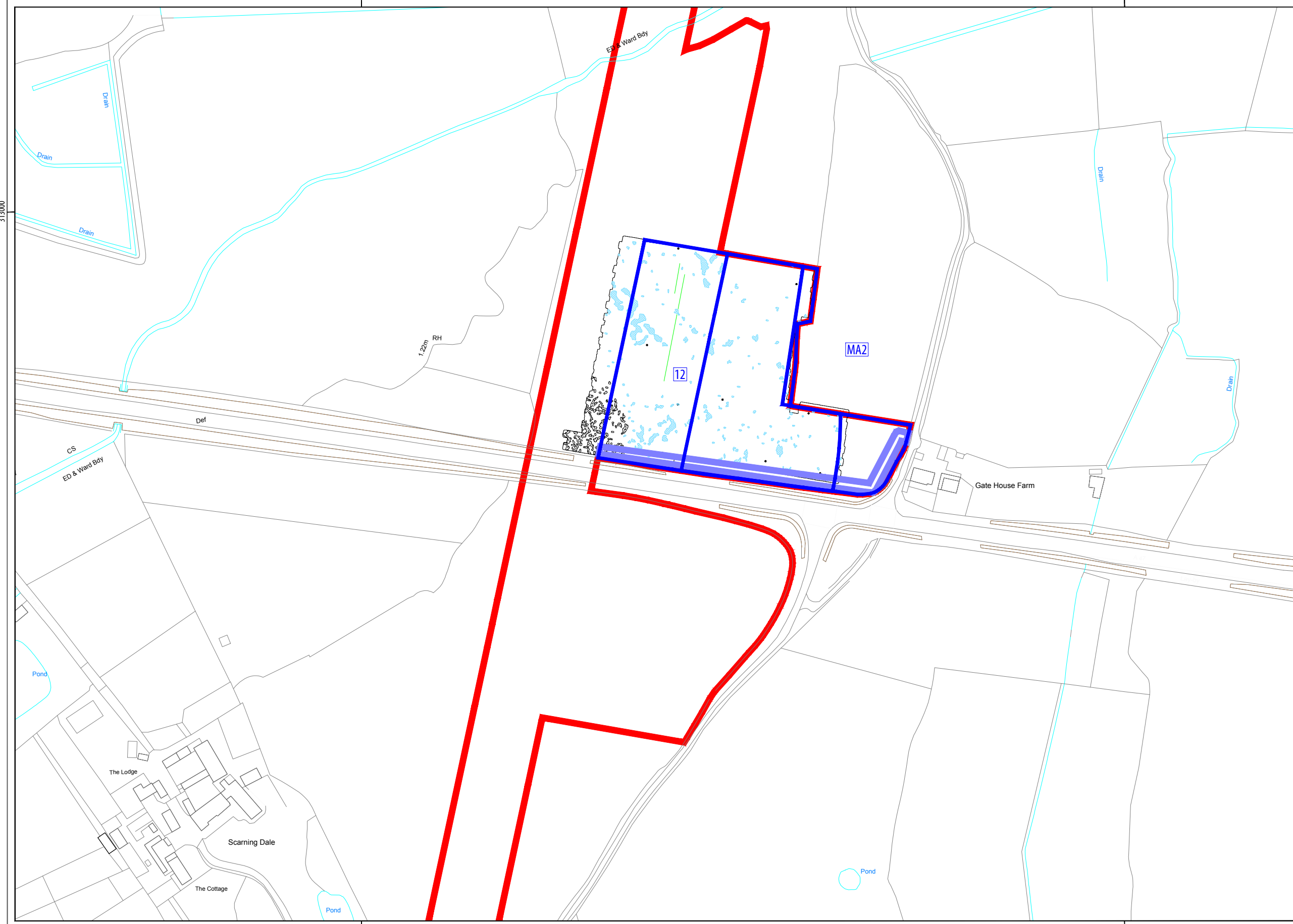
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Norfolk Vanguard Offshore Wind Farm  
Royal HaskoningDHV

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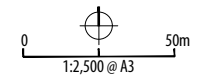


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	norfolk vanguard red line boundary	
	mobilisation area	
	access route	
TYPE OF ANOMALY		
	dipolar isolated	ferrous material
	magnetic disturbance	ferrous material
	linear trend	agricultural
	magnetic enhancement	geology



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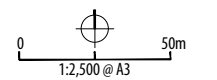
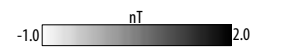
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norfolk vanguard red line boundary  
access route



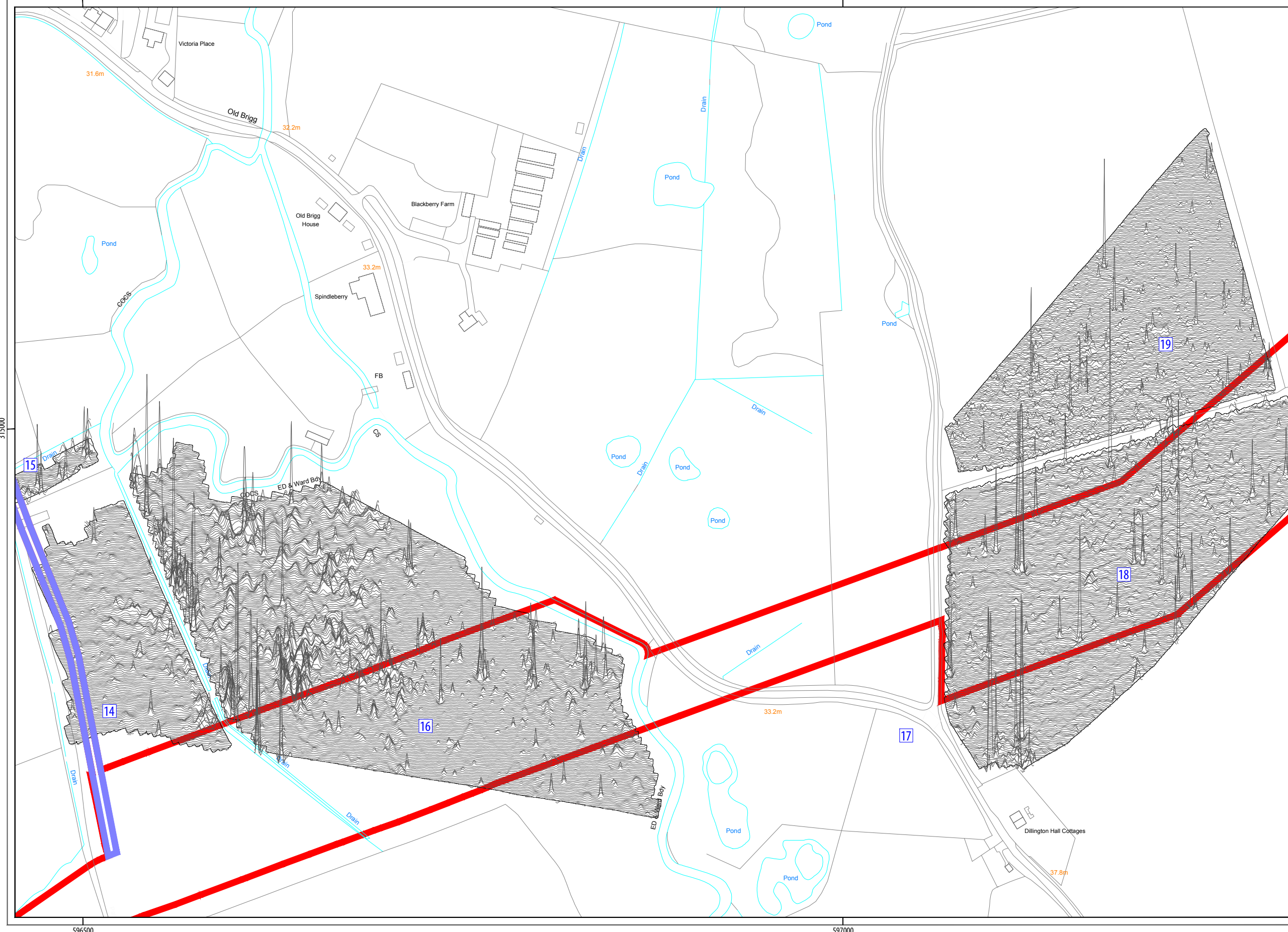
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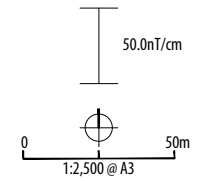


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norfolk vanguard red line boundary  
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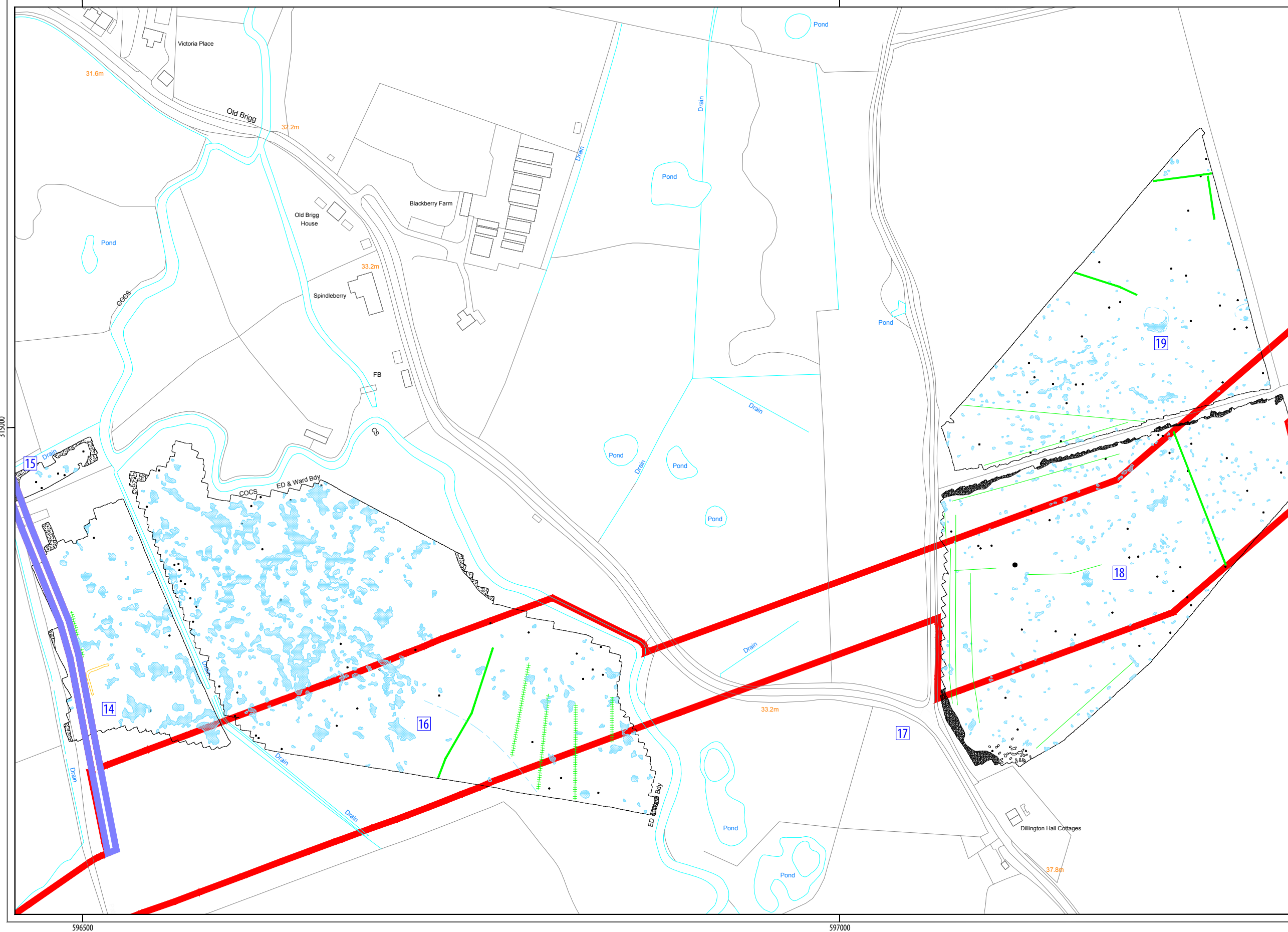


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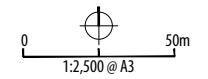
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	drain
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology
● magnetic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



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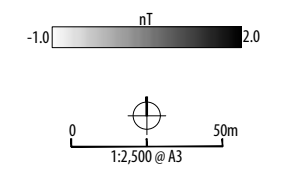


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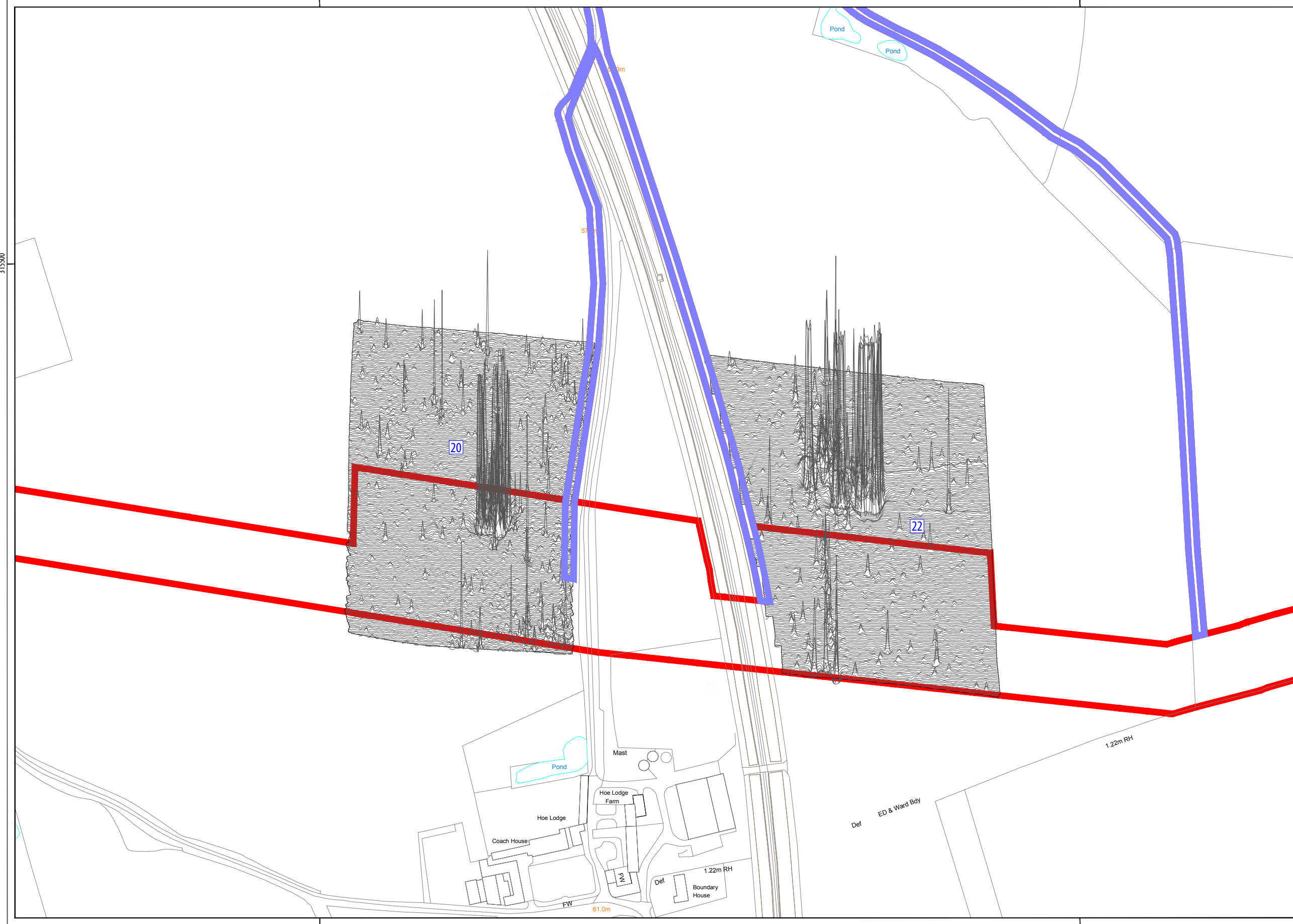


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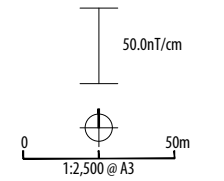
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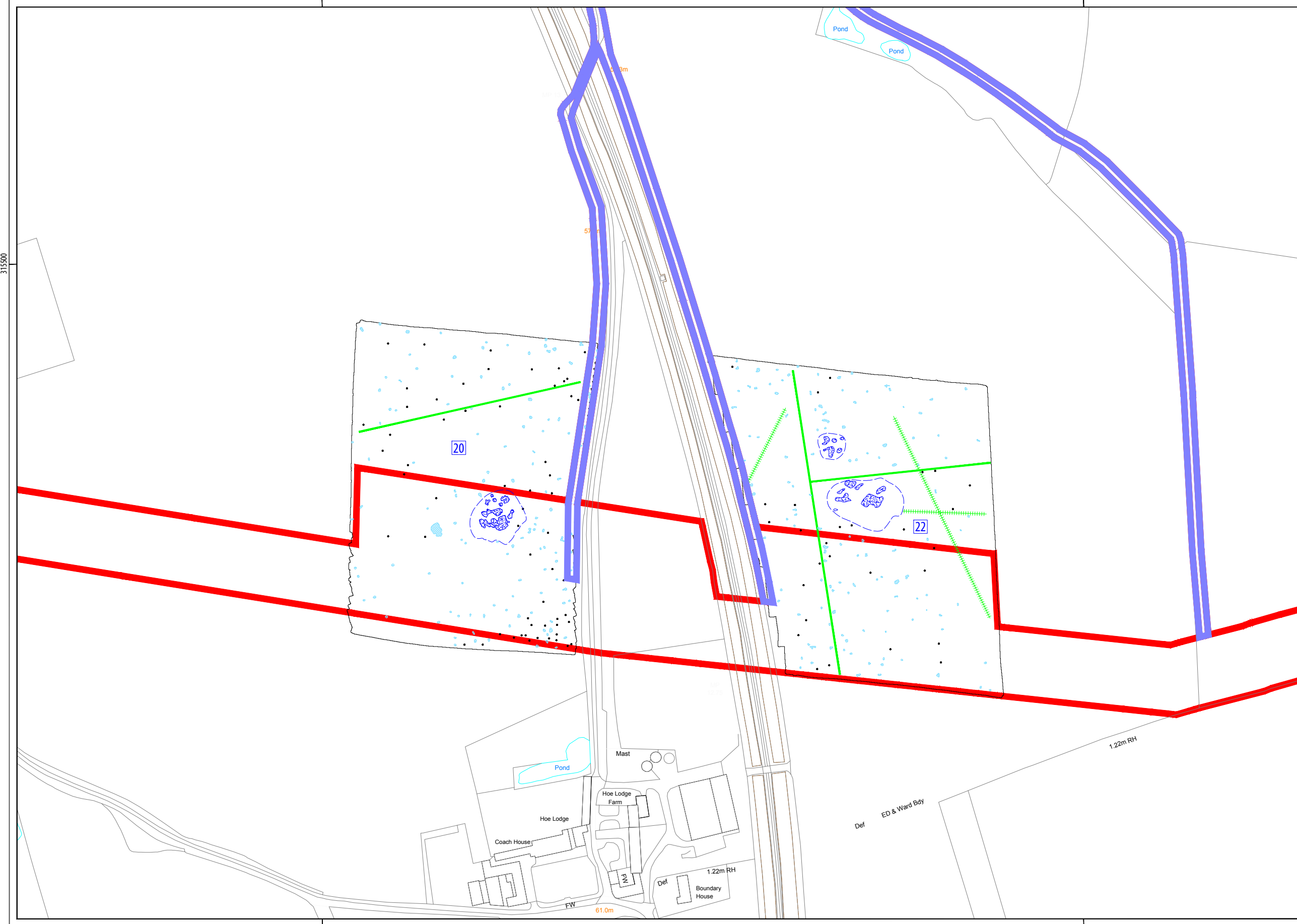
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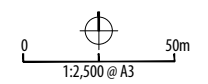


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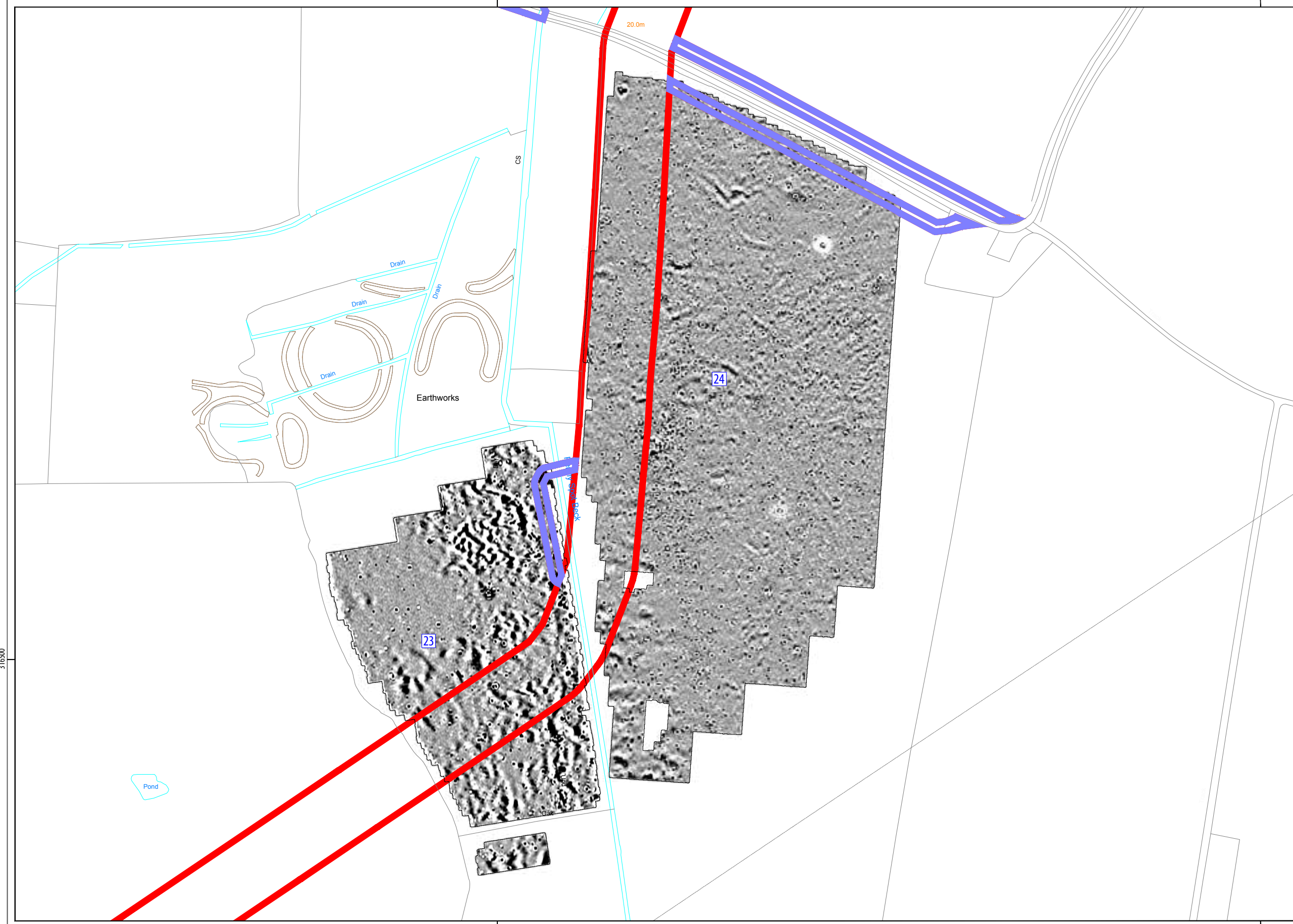
TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	modern
--- linear trend	drain
— linear	former field boundary
⊕ magnetic enhancement	geology



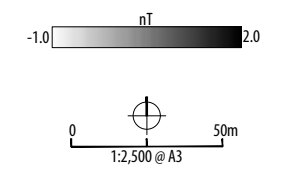
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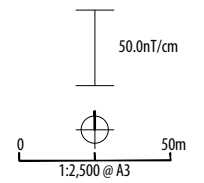


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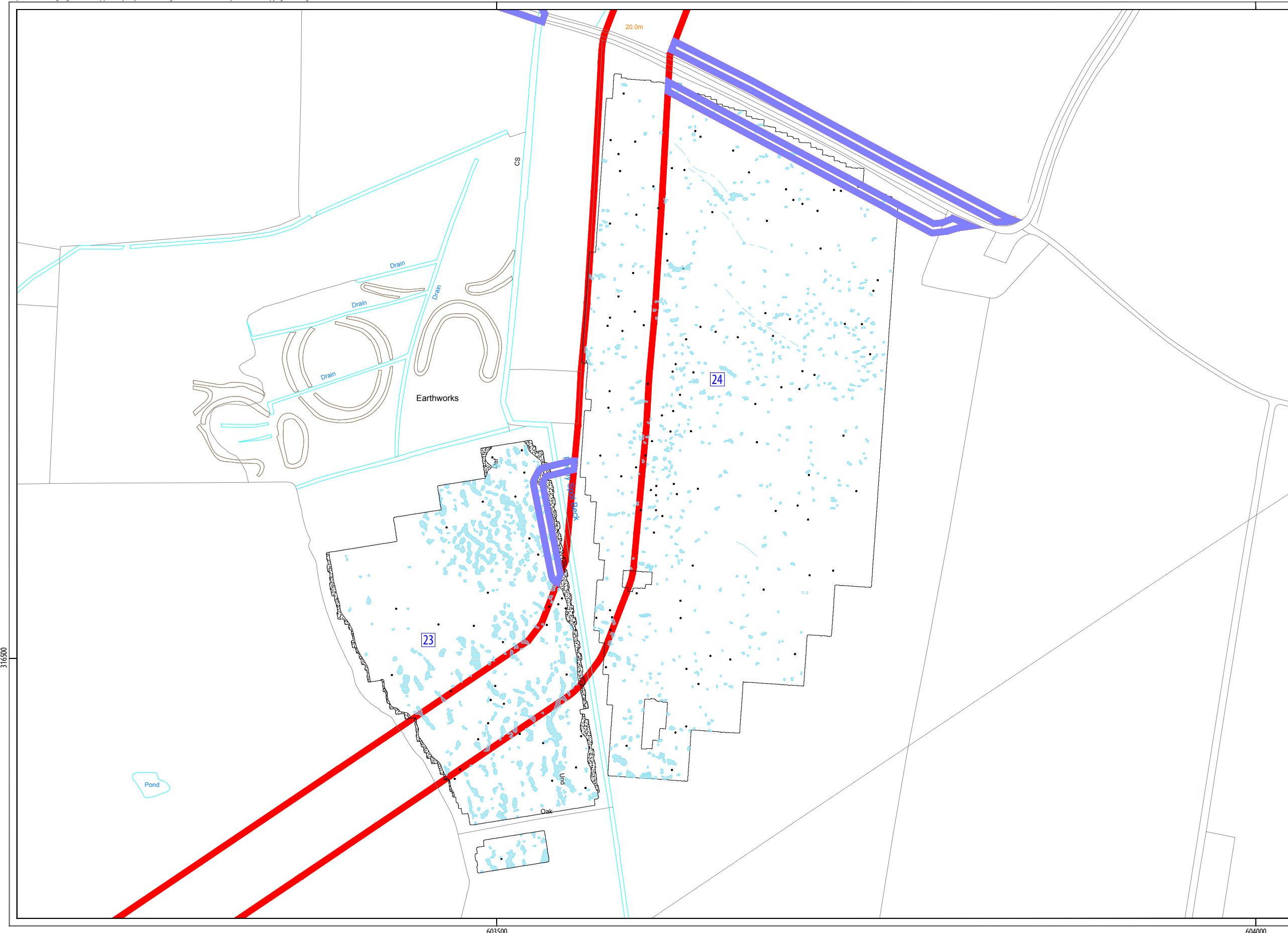


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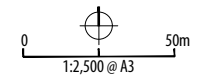


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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	geology
⊕	magnetic enhancement	geology

▬ norfolk vanguard red line boundary  
▬ access route



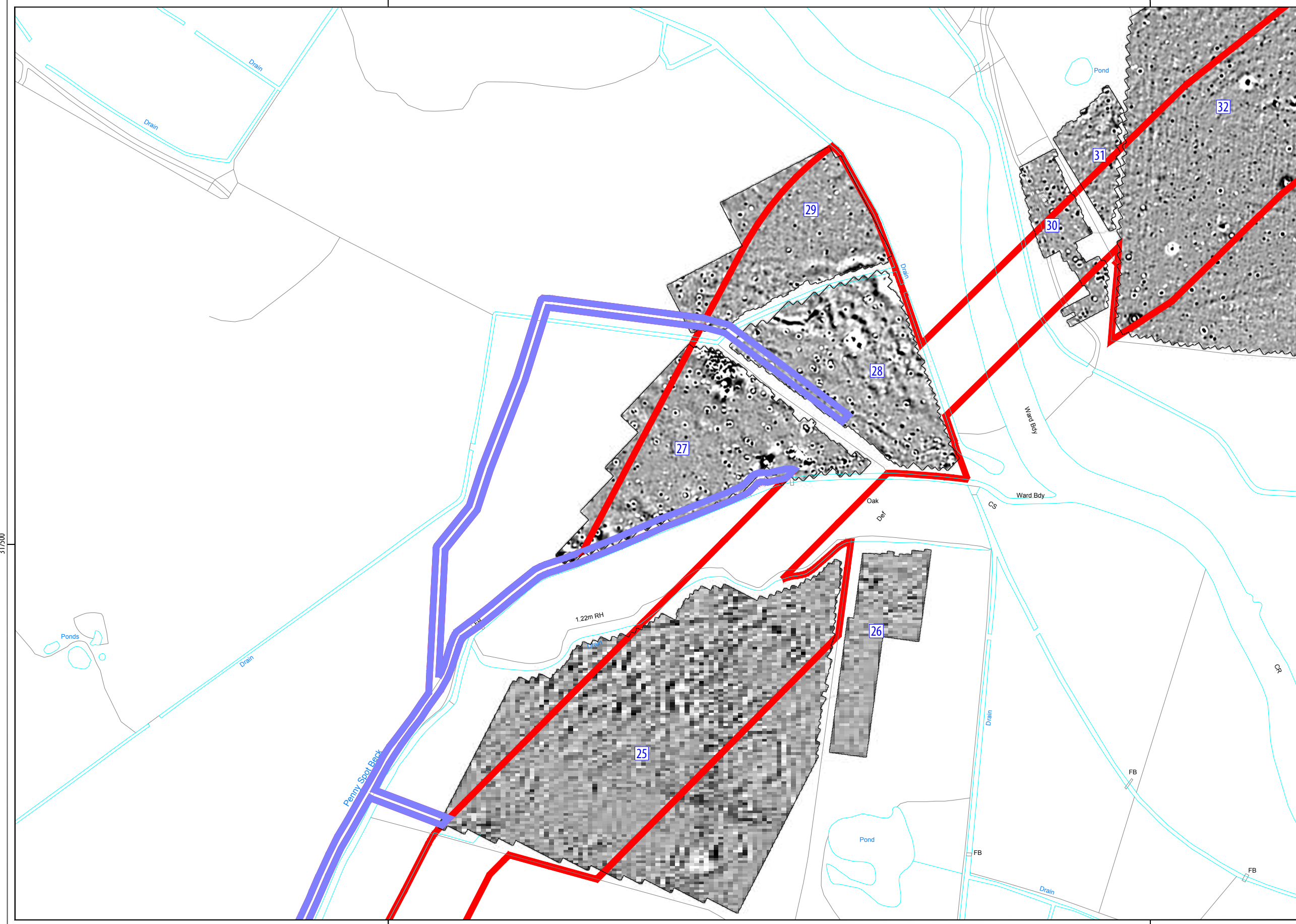
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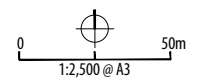
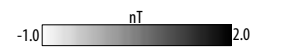


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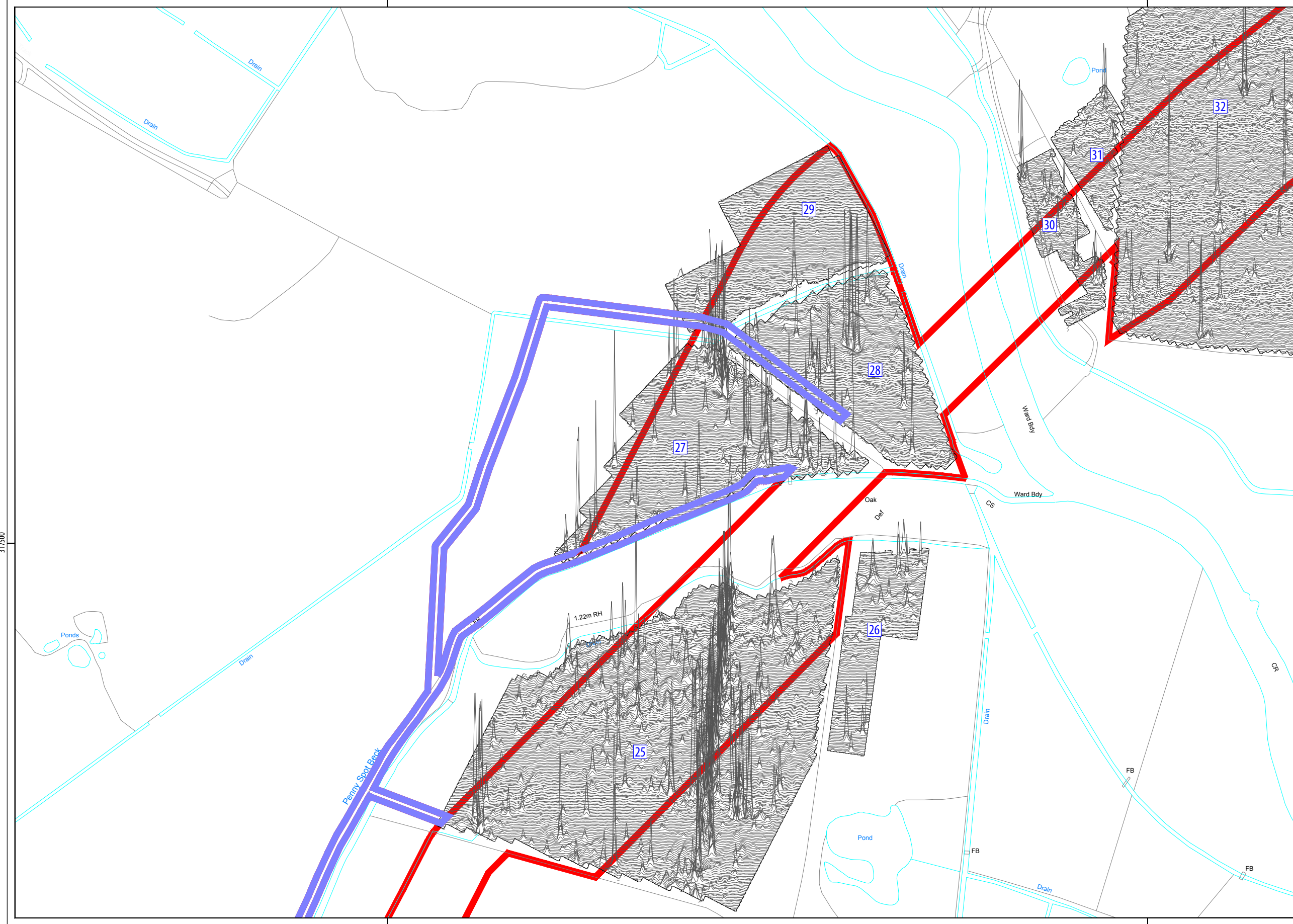
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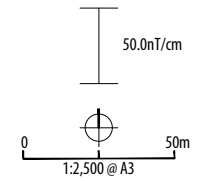


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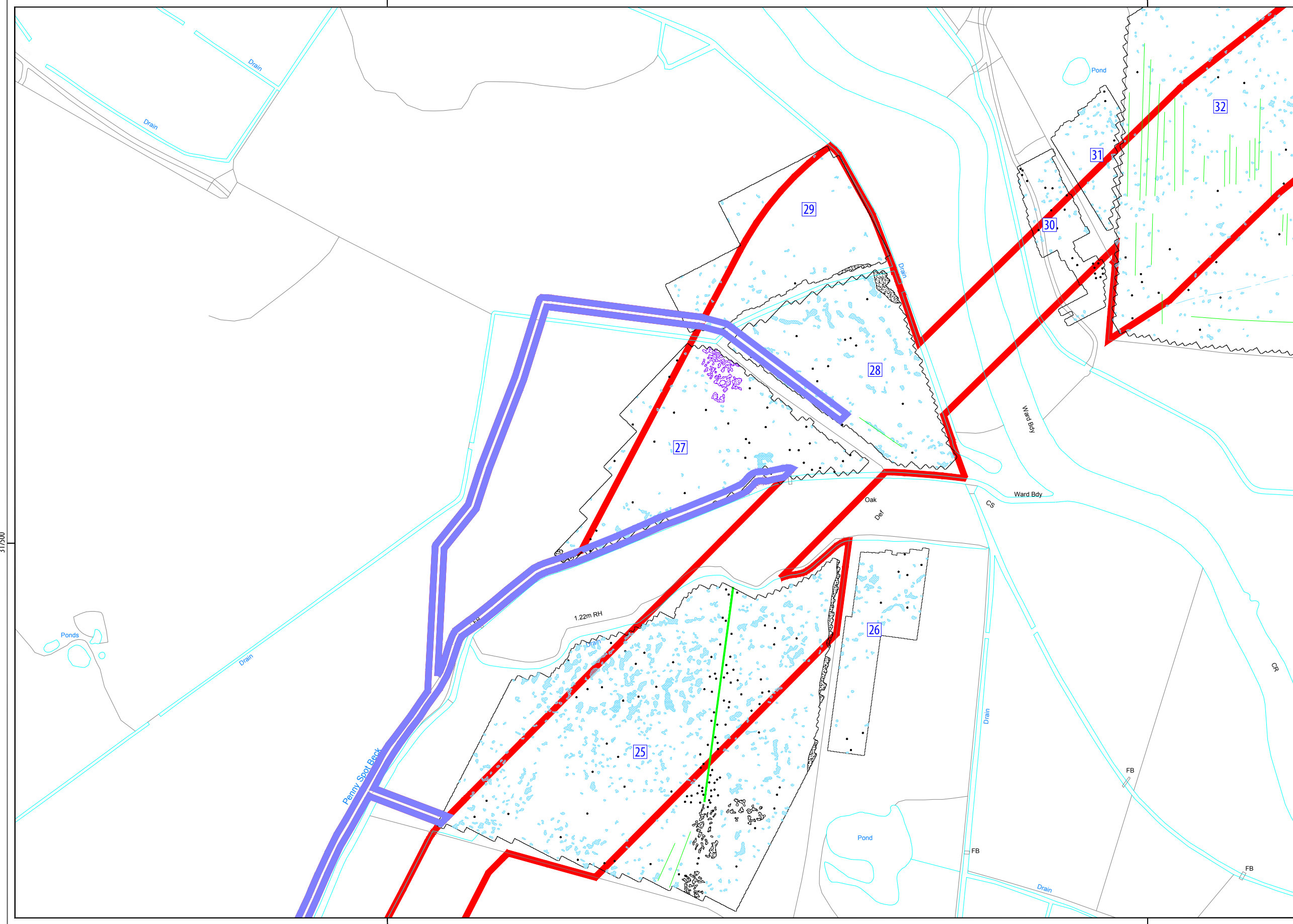
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
●	magnetic disturbance	former building
—	linear trend	agricultural
—	linear	former field boundary
●	magnetic enhancement	geology



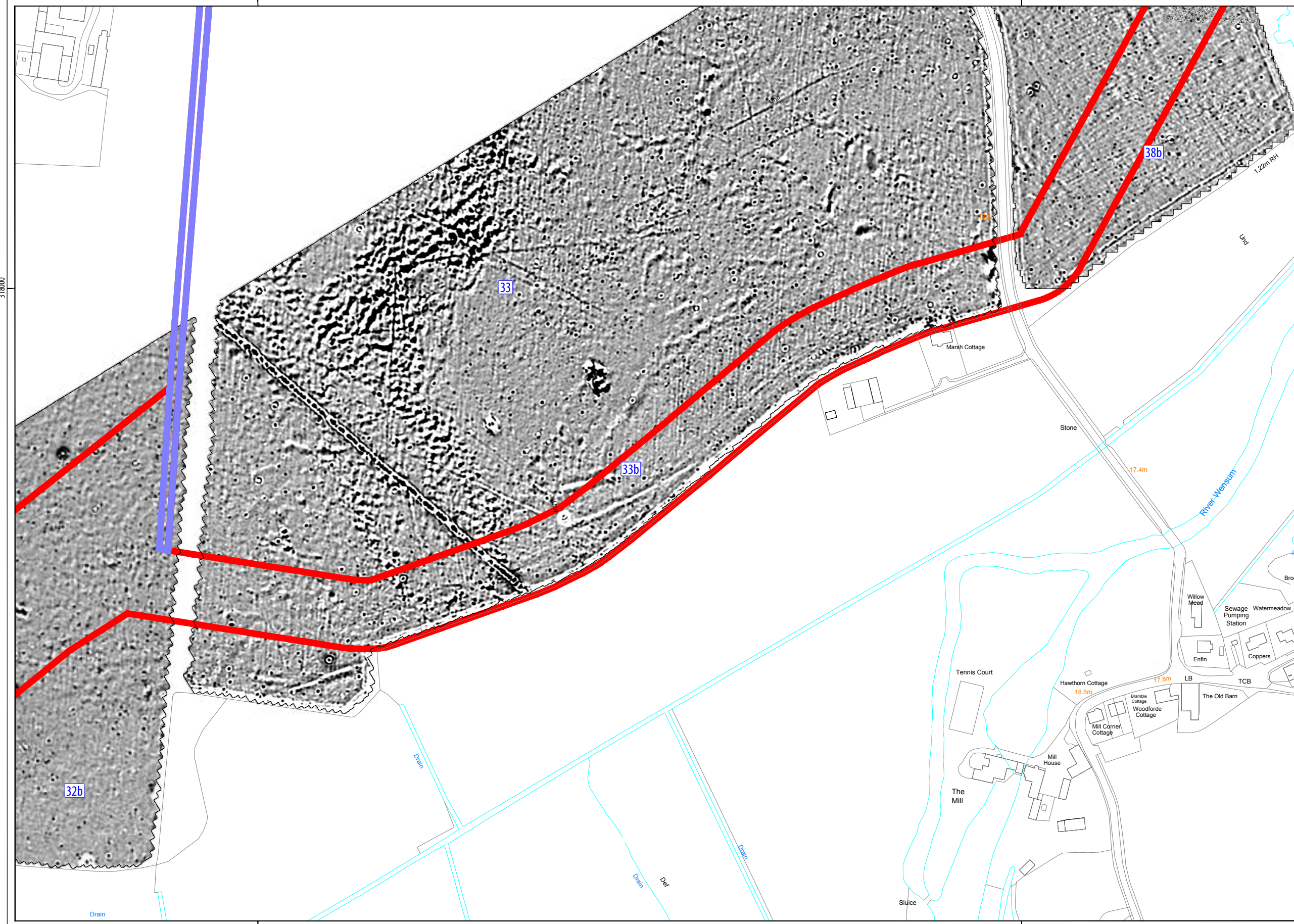
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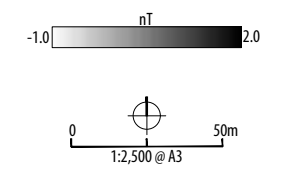


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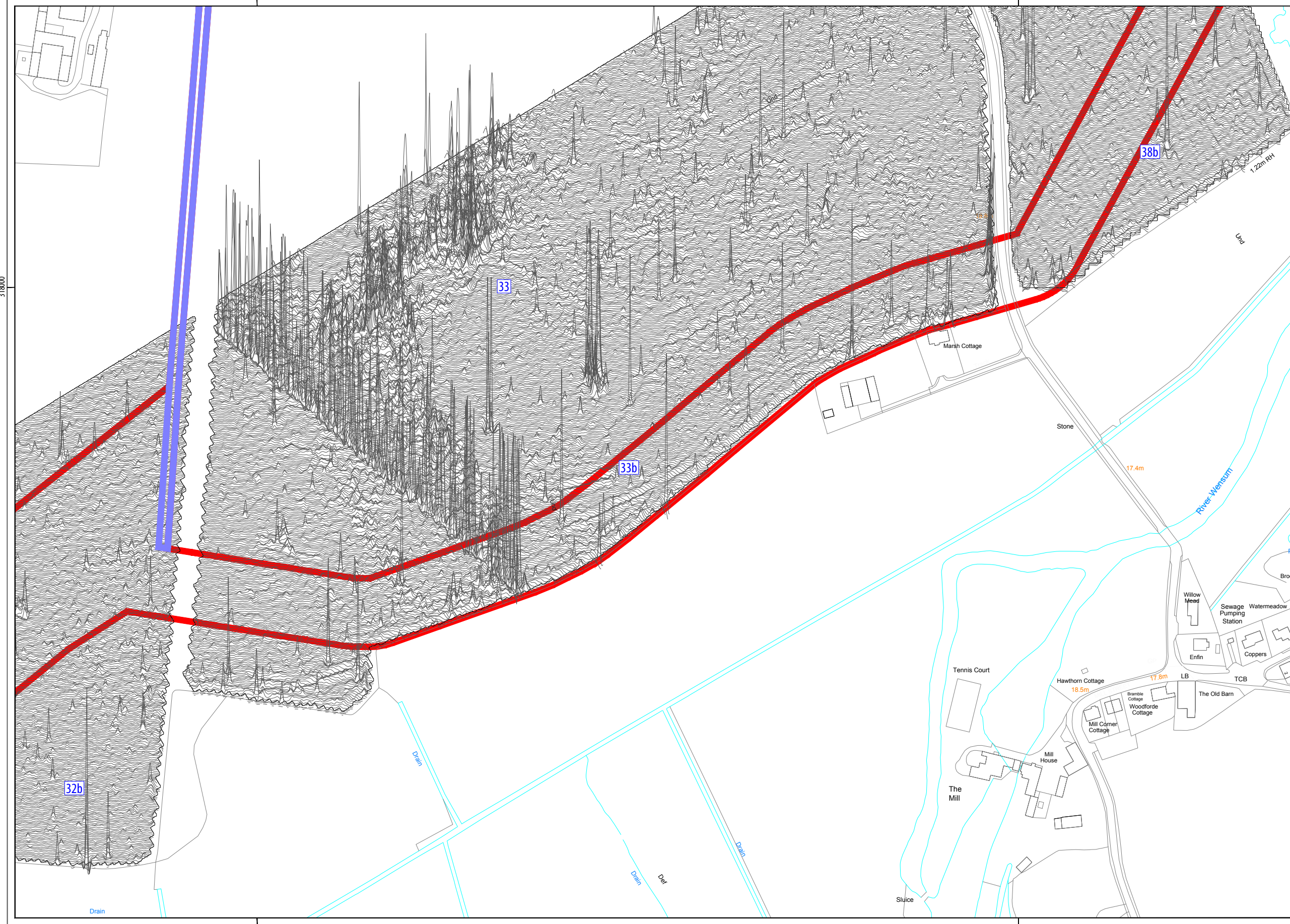
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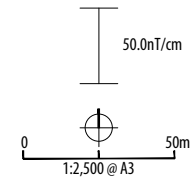


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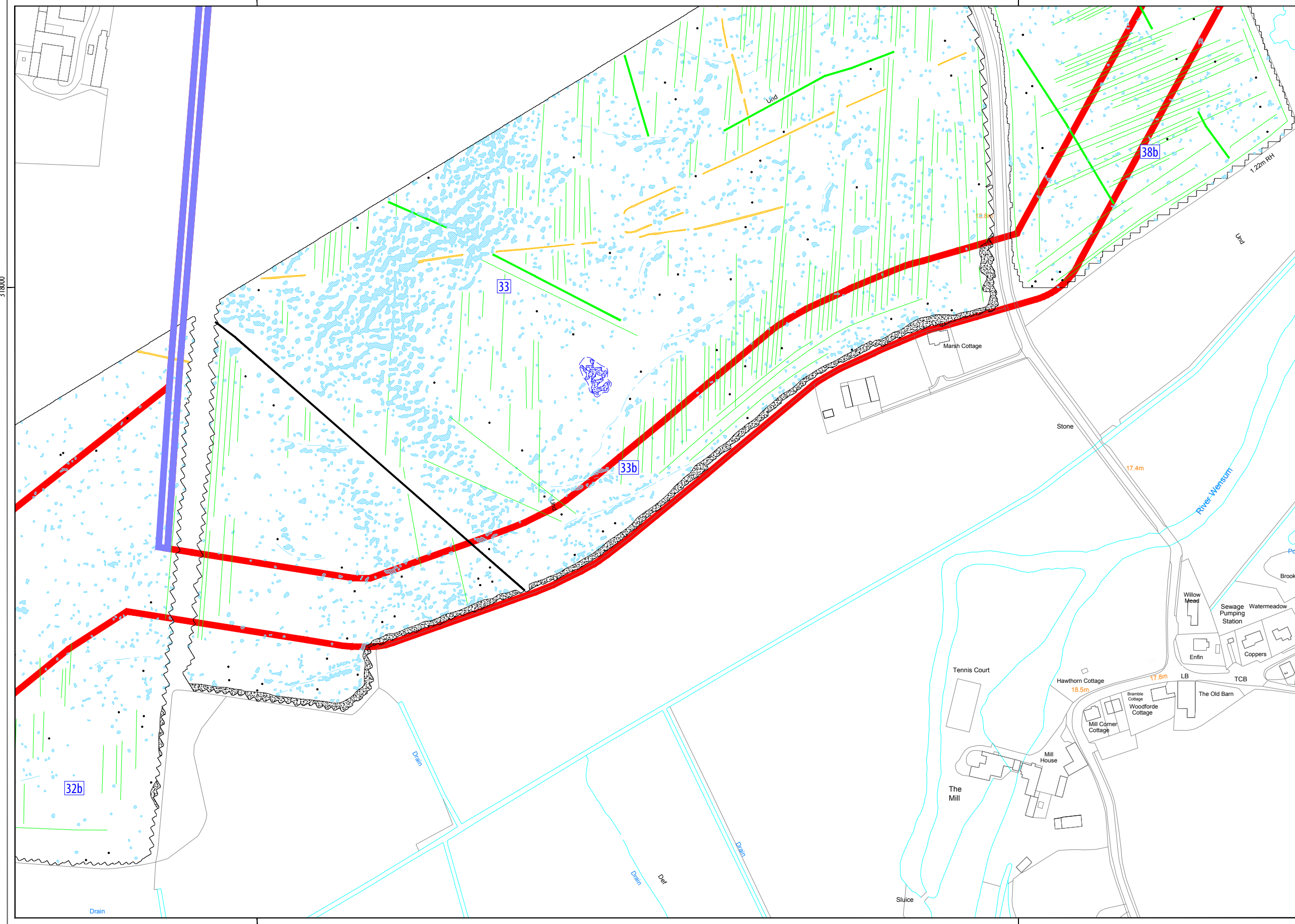
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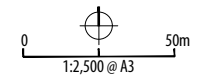


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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
●	magnetic disturbance	modern
—	dipolar linear	service pipe
—	linear trend	agricultural
—	linear	former field boundary
—	linear trend	geology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



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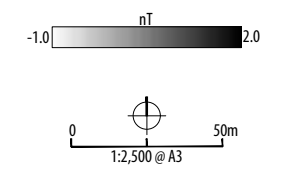


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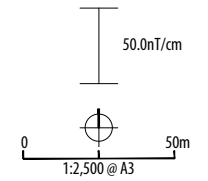


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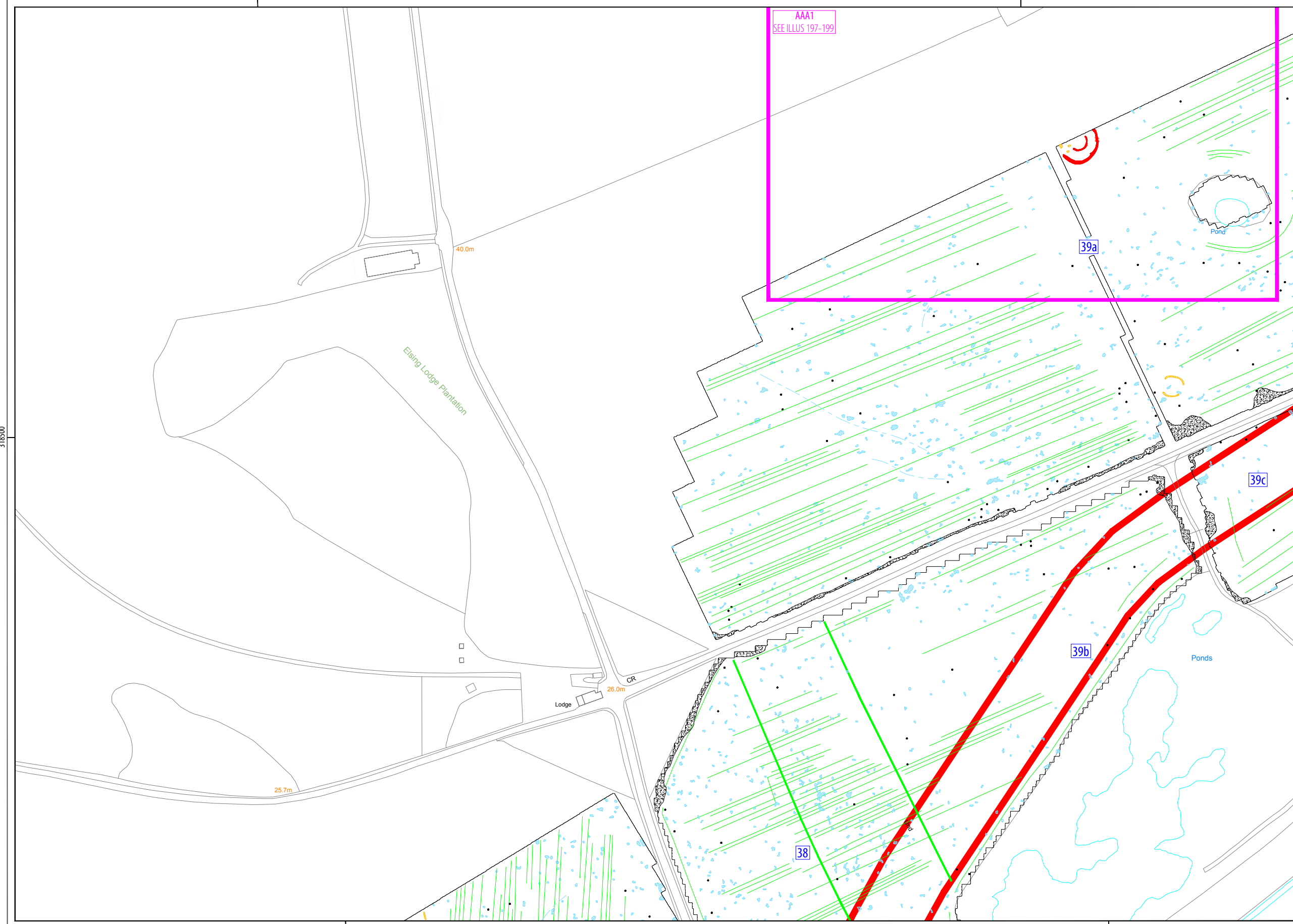
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology
● magnetic enhancement	archaeology?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

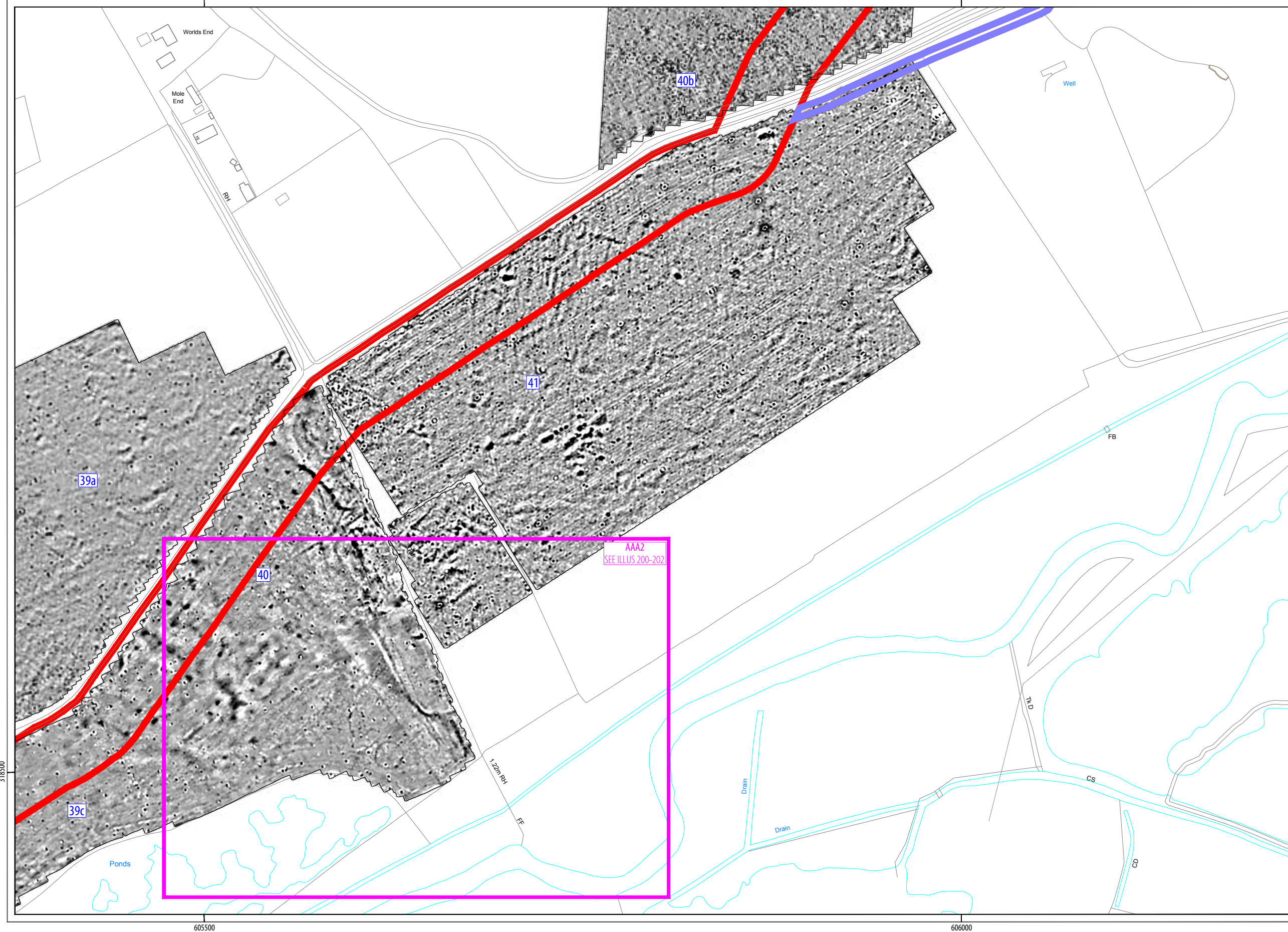


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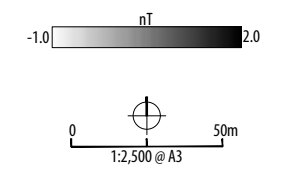
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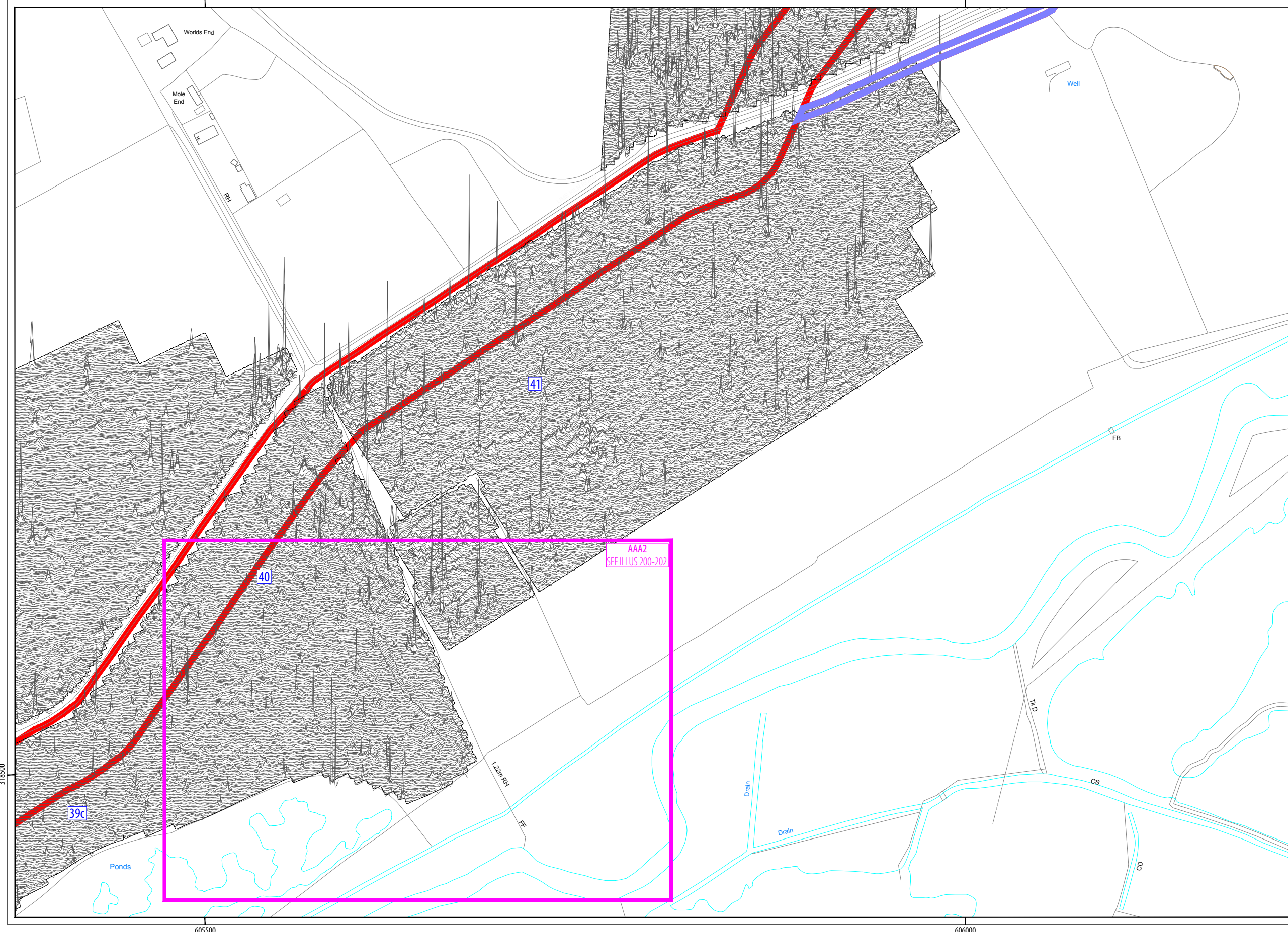


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Priority Archaeological Assessment of the Wind Farm  
Site  
(Terrestrial Archaeology)  
CLIENT Norfolk Vanguard Offshore Wind Farm  
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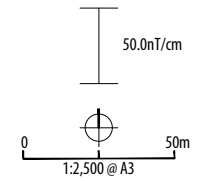


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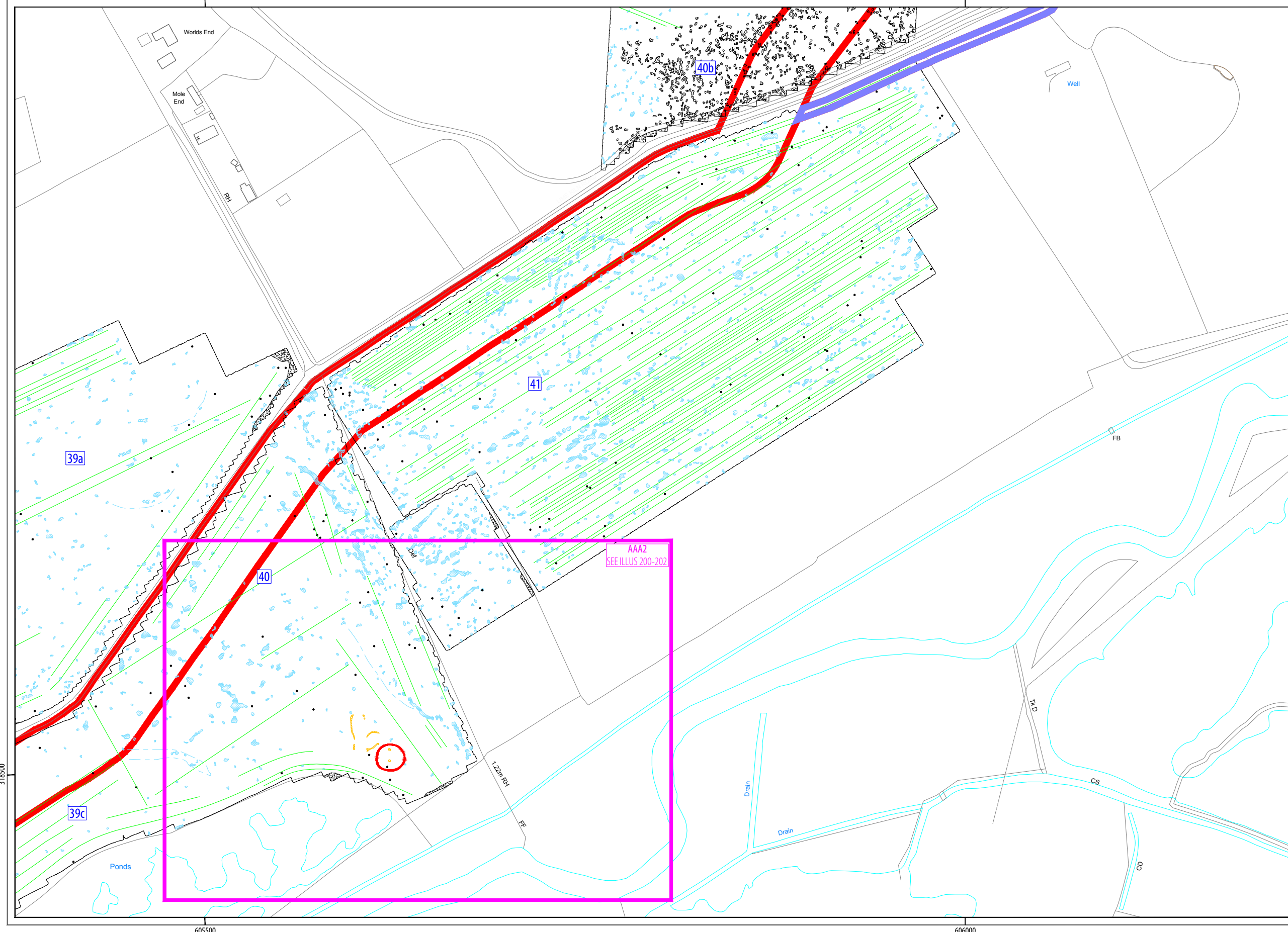
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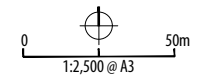


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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	agricultural
—	linear trend	geology
⊕	magnetic enhancement	geology
⊗	magnetic enhancement	archaeology?
●	magnetic enhancement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



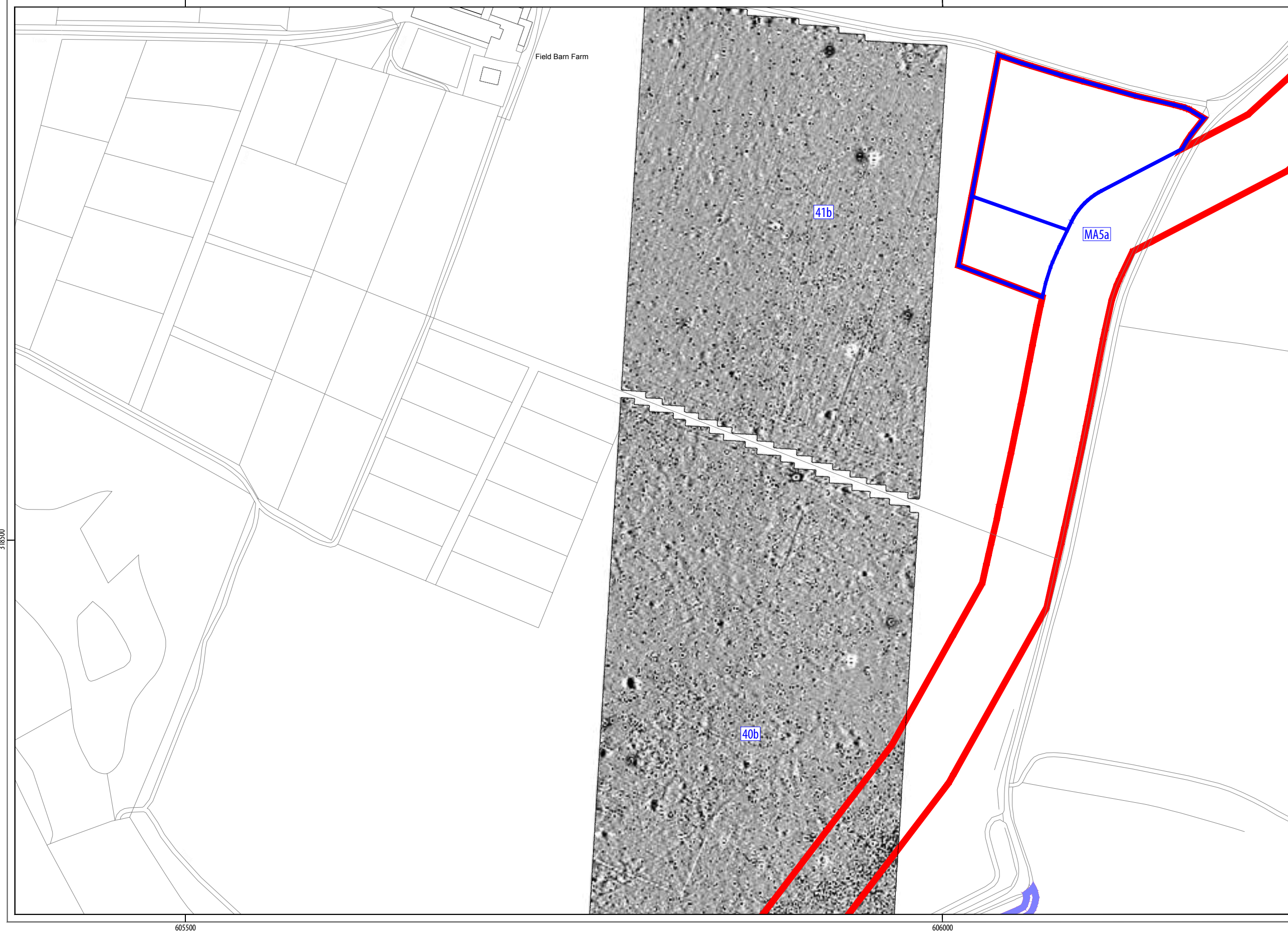
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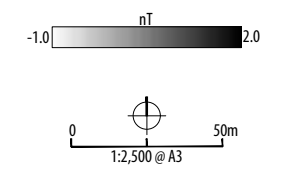


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- norfolk vanguard red line boundary
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- access route



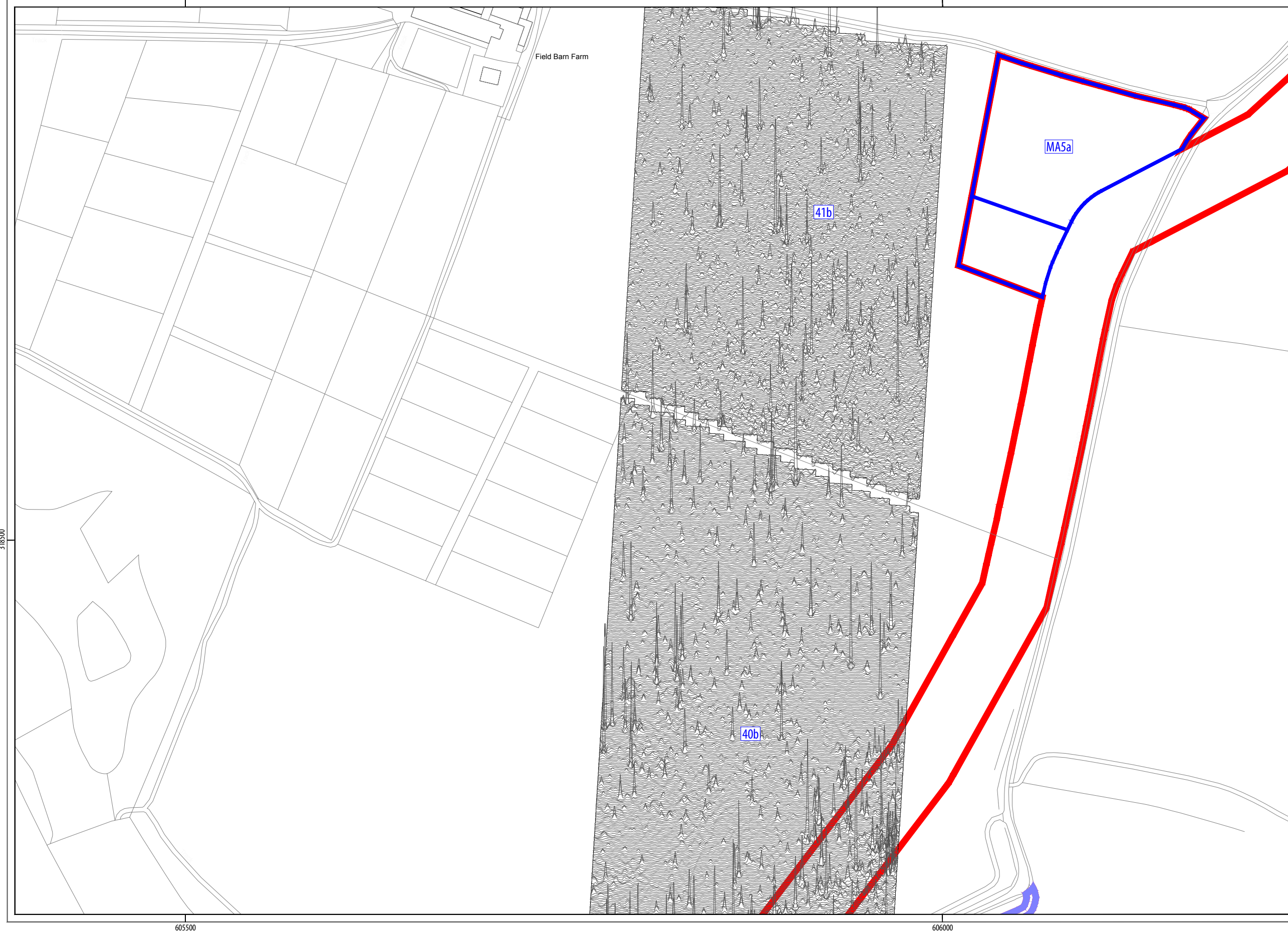
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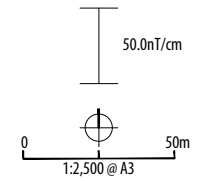


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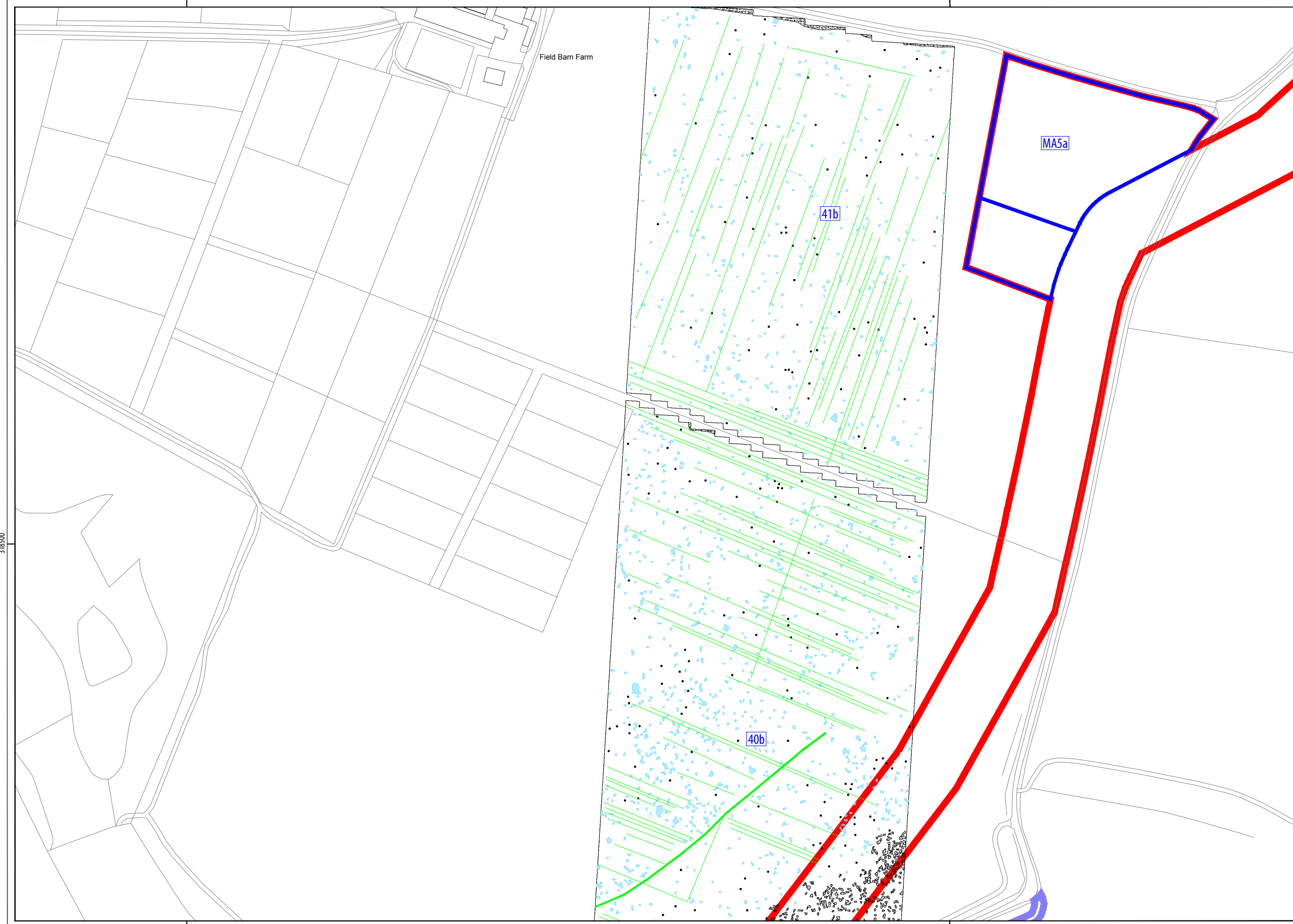
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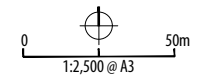


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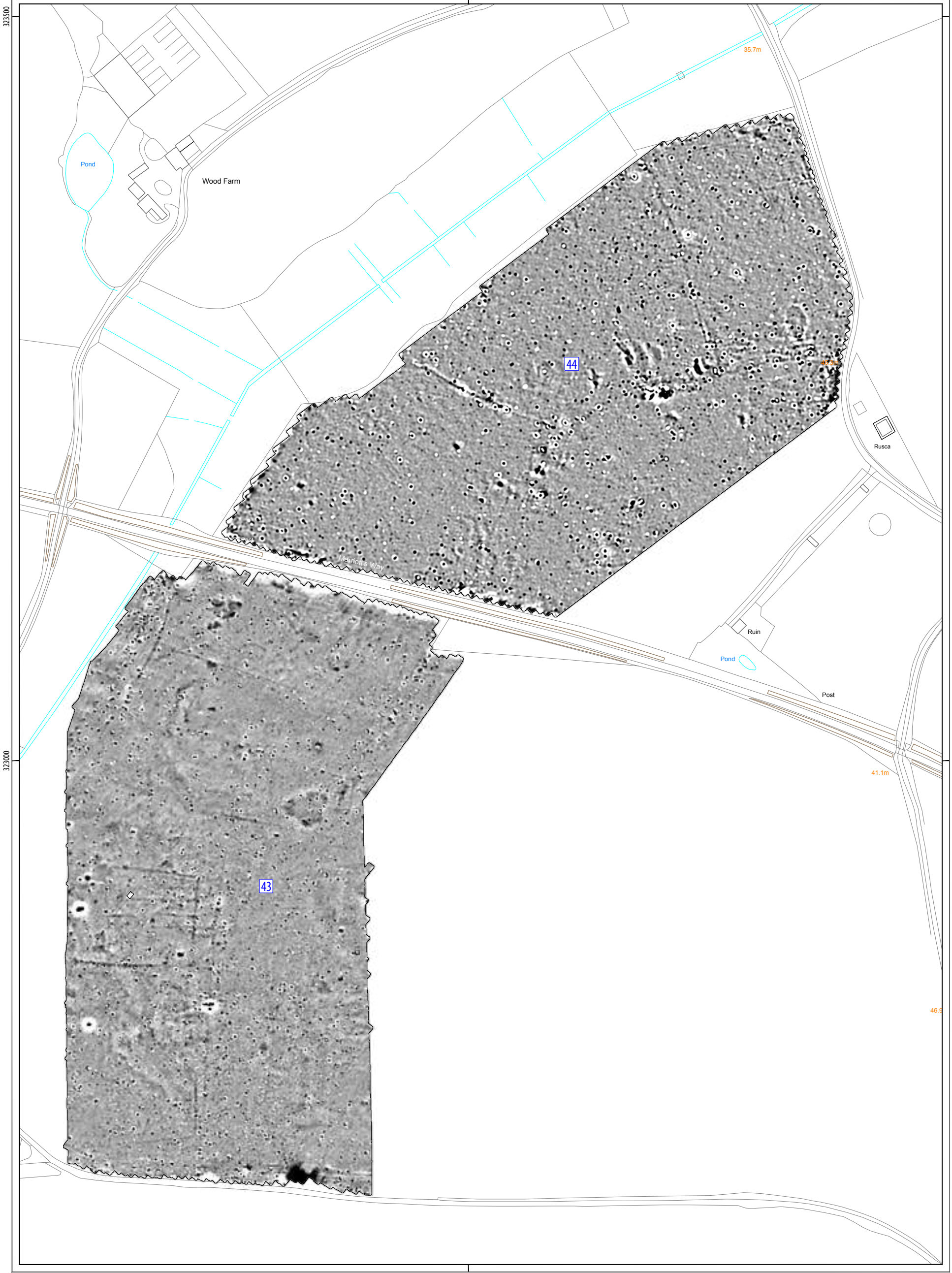


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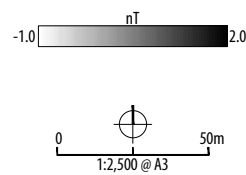
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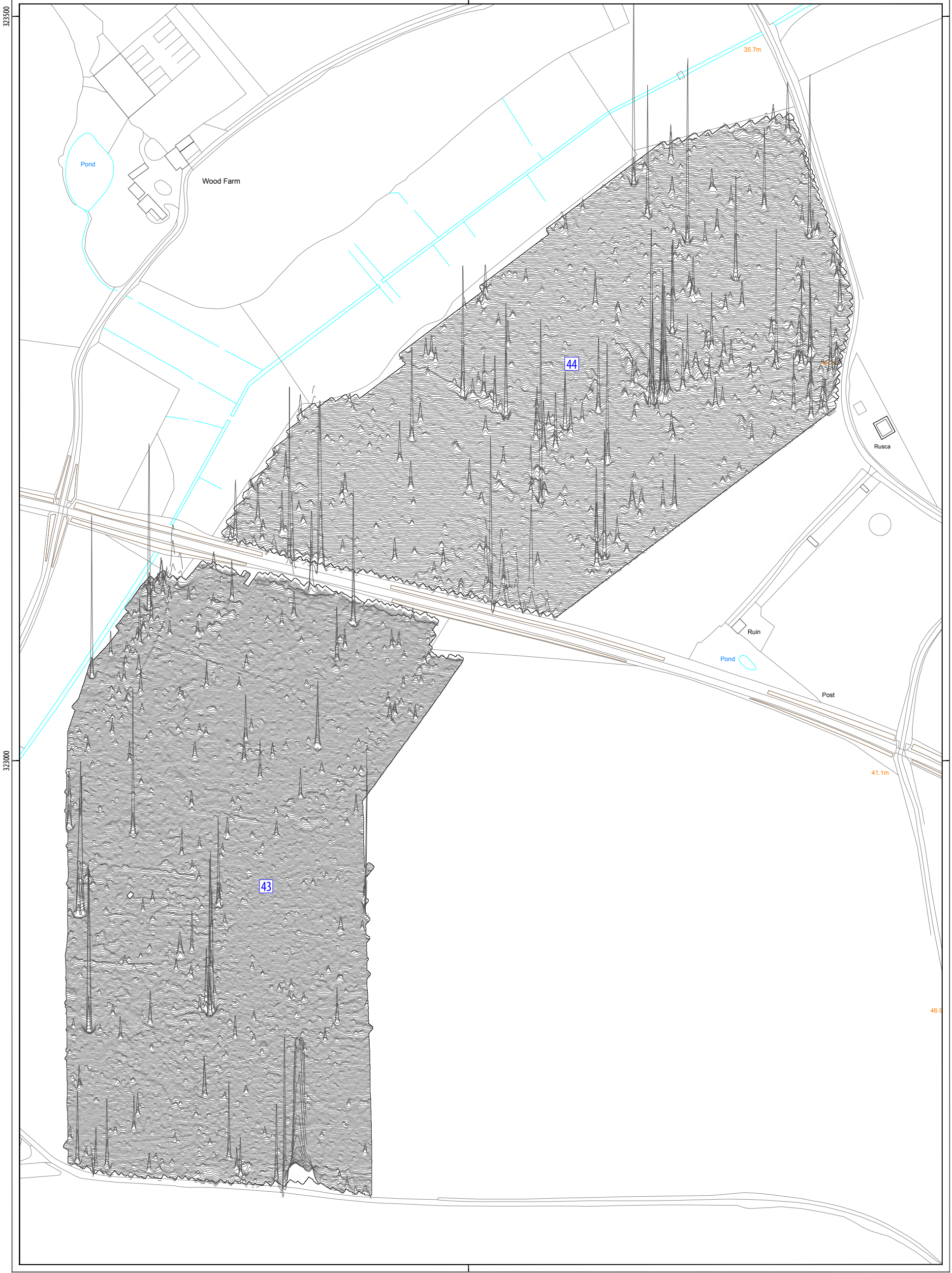


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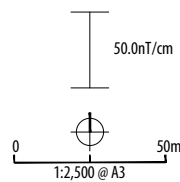
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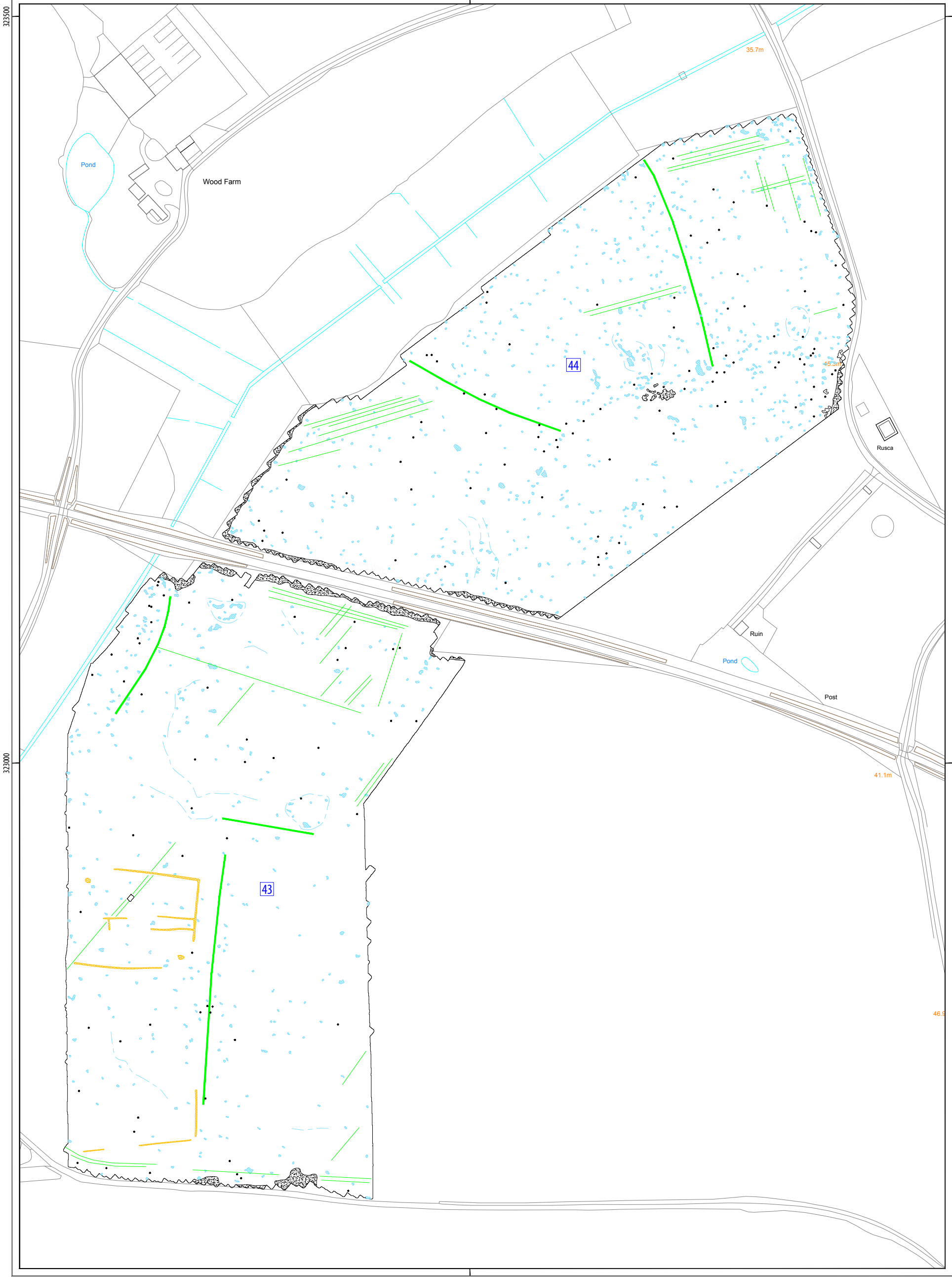


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Survey  
(Terrestrial Archaeology)  
Norfolk Vanguard Offshore Wind Farm  
CLIENT Royal HaskoningDHV



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

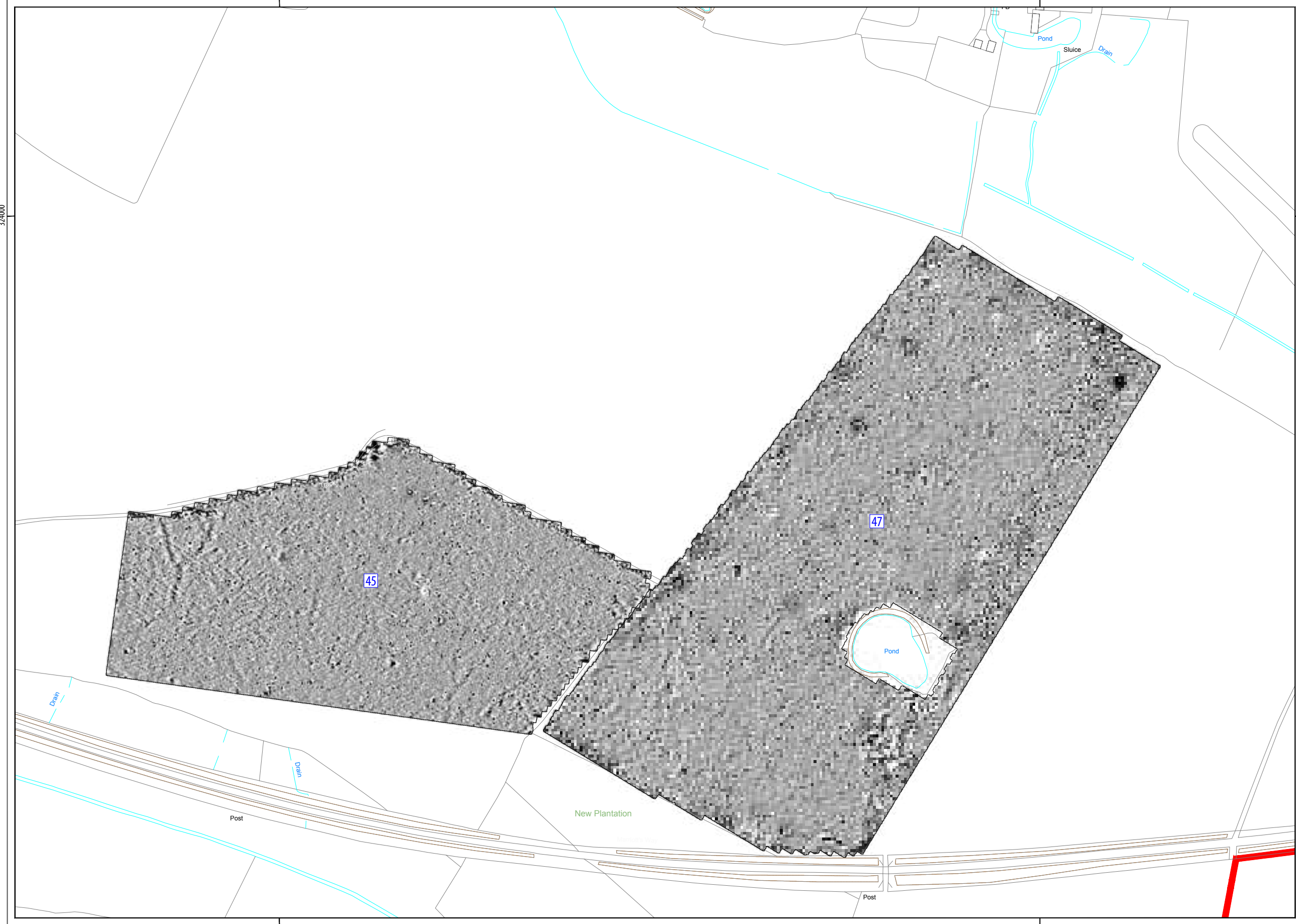



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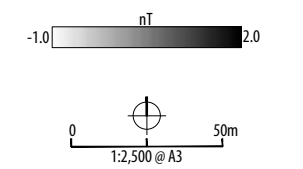


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 norfolk vanguard red line boundary

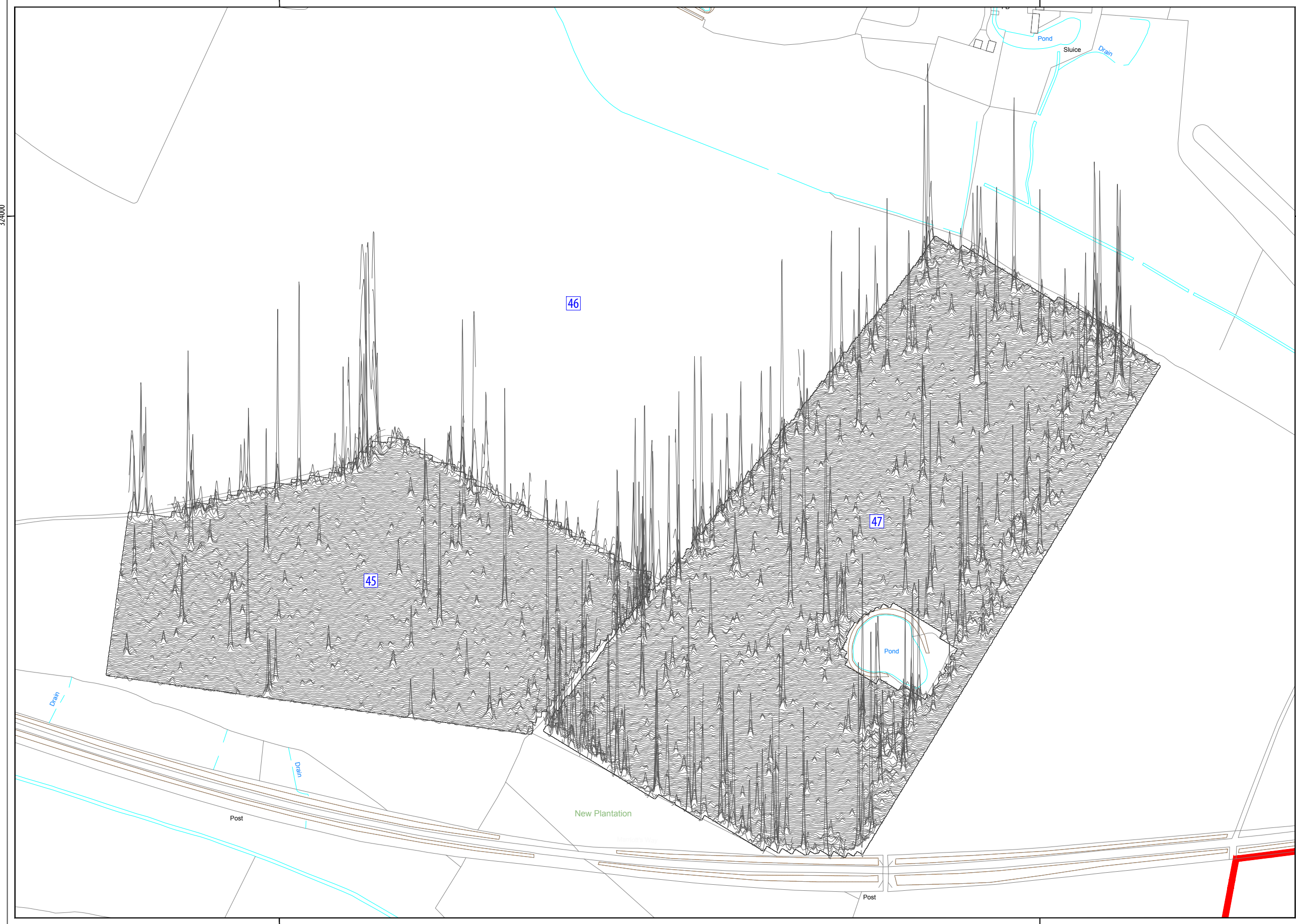



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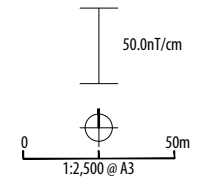
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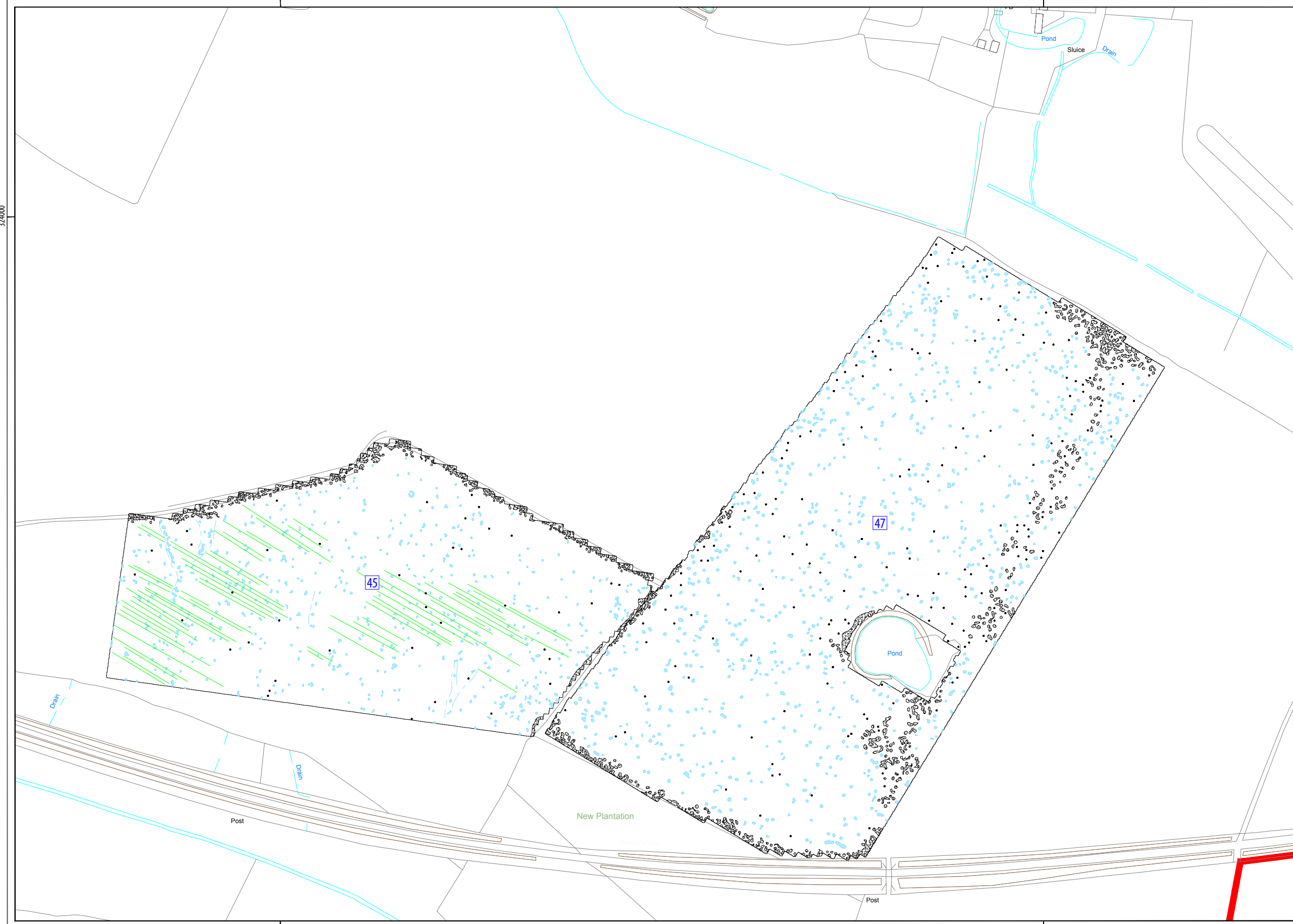
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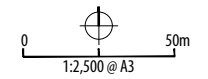
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear trend	geology
● magnetic enhancement	geology

norfolk vanguard red line boundary



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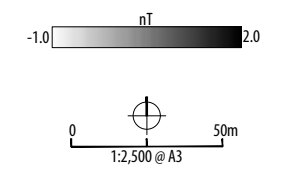
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norfolk vanguard red line boundary  
access route



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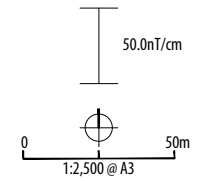


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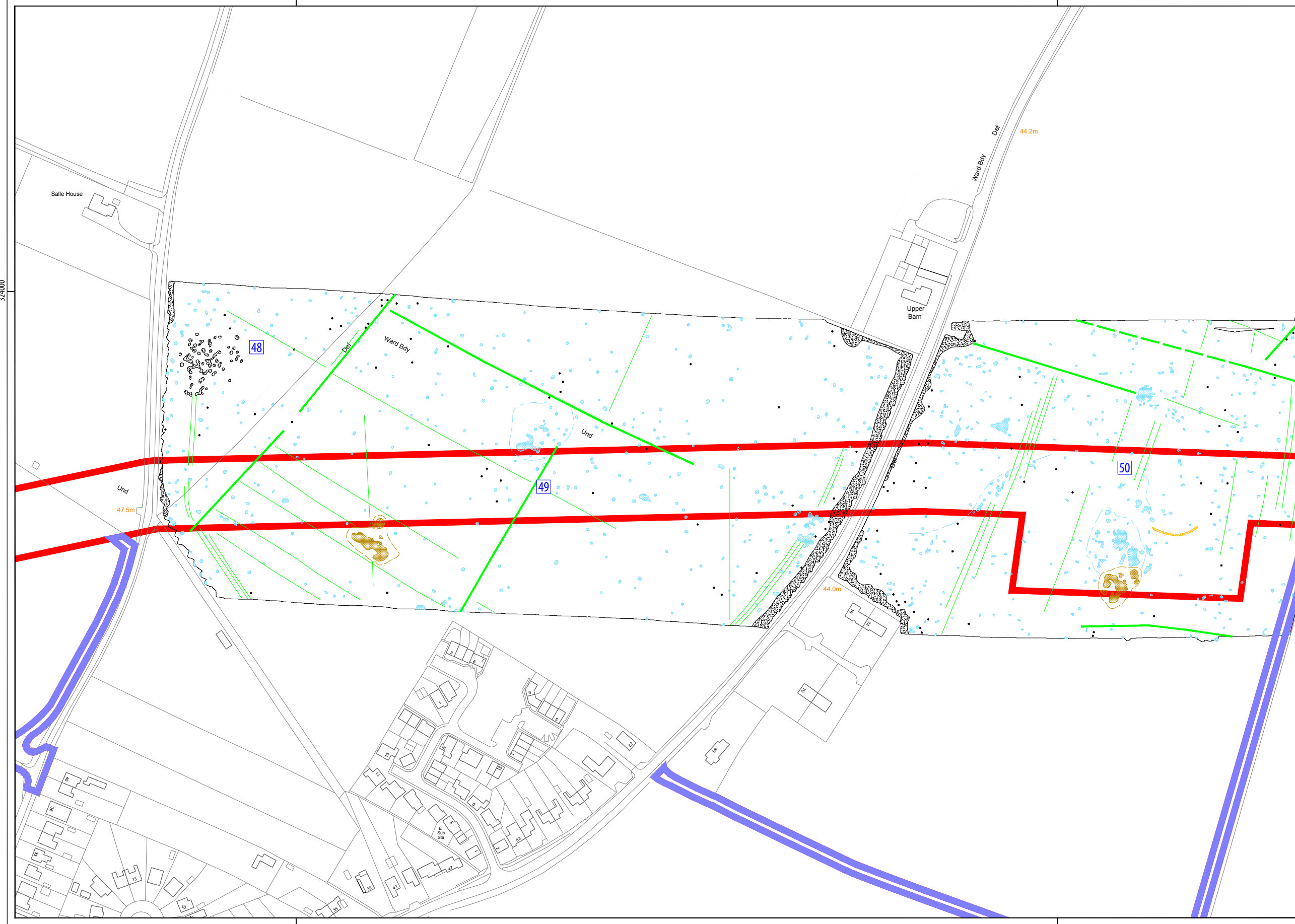


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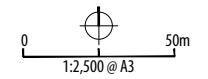
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	agricultural
—	linear	former field boundary?
—	linear	former field boundary?
—	linear trend	geology
⊕	magnetic enhancement	geology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



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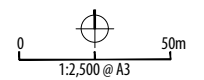
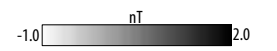


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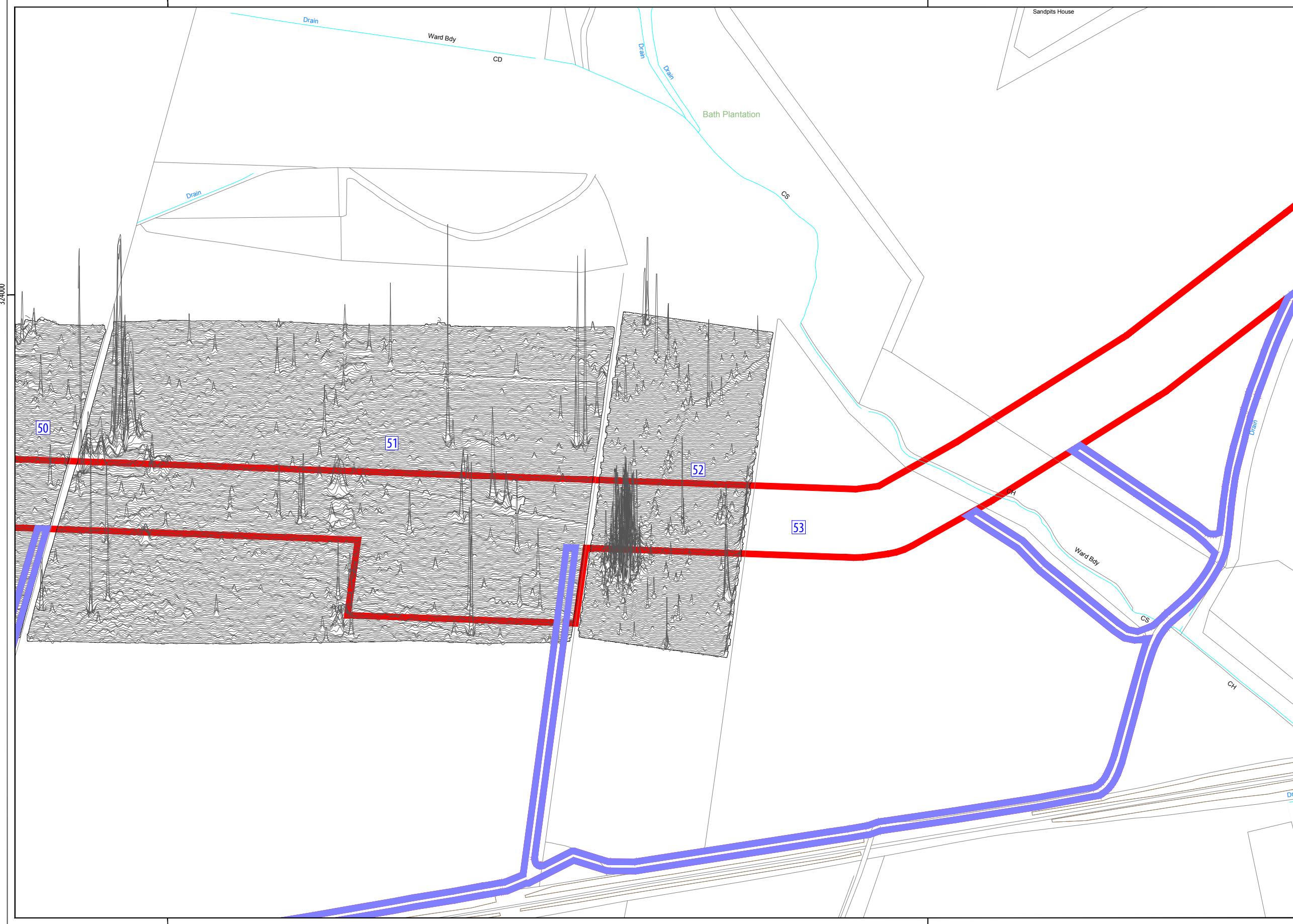
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access route



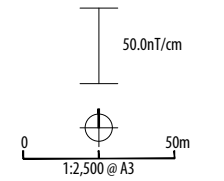
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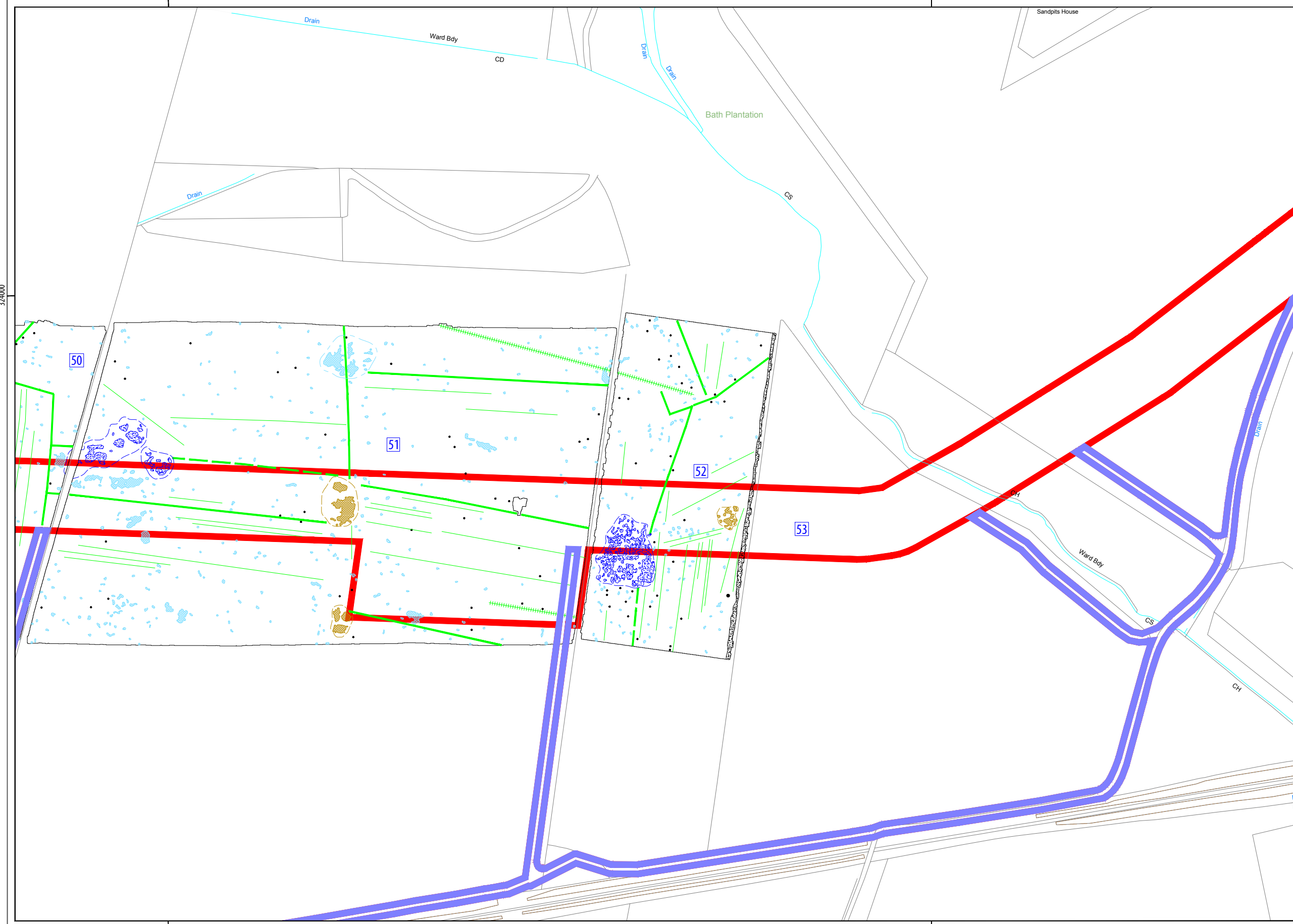
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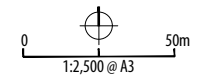


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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
● magnetic disturbance	modern
--- linear trend	drain
--- linear trend	agricultural
--- linear	former field boundary?
--- linear	former field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



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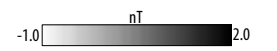
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- norfolk vanguard red line boundary
- mobilisation area
- access route



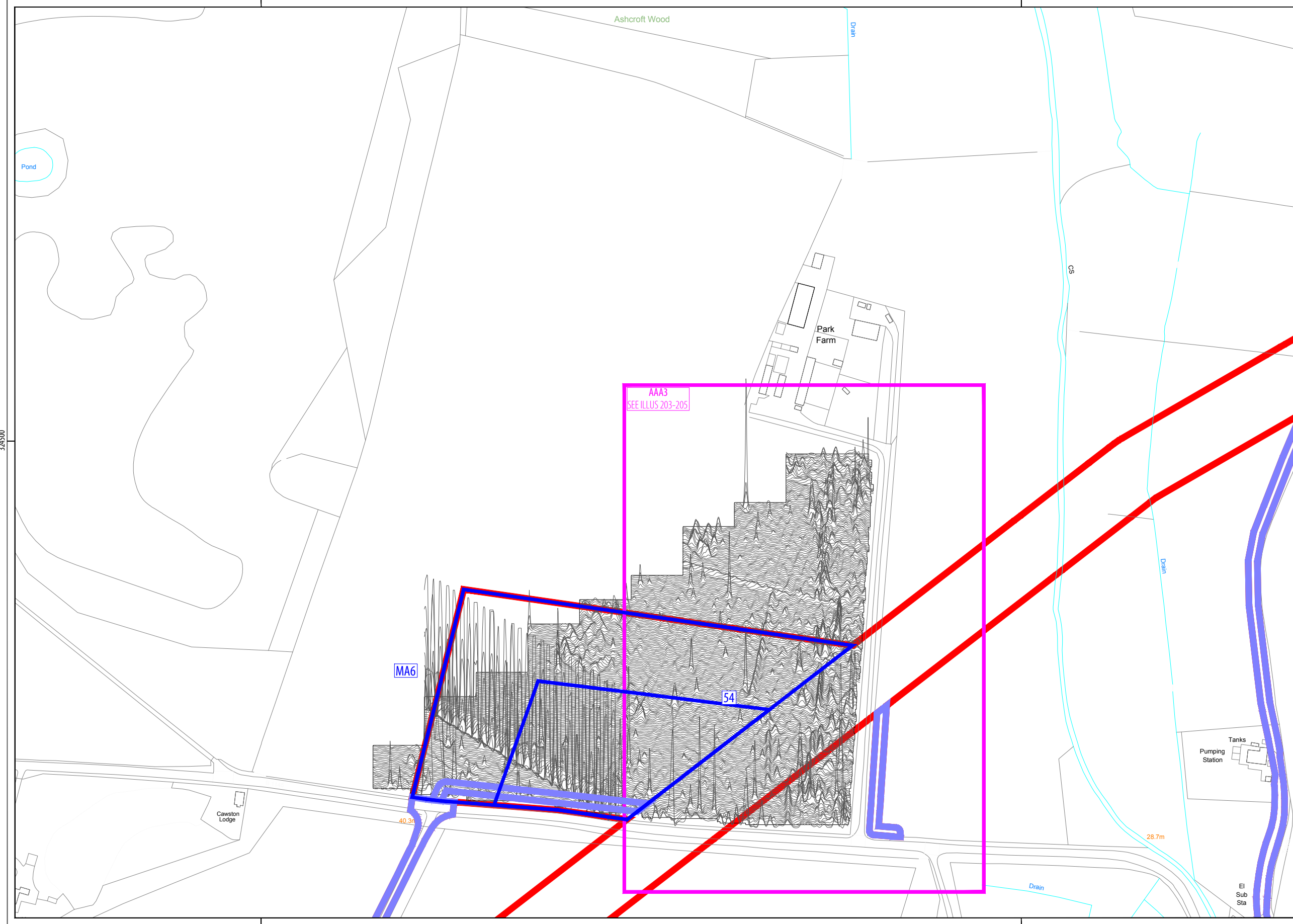
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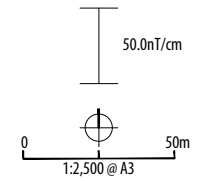


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- mobilisation area
- access route



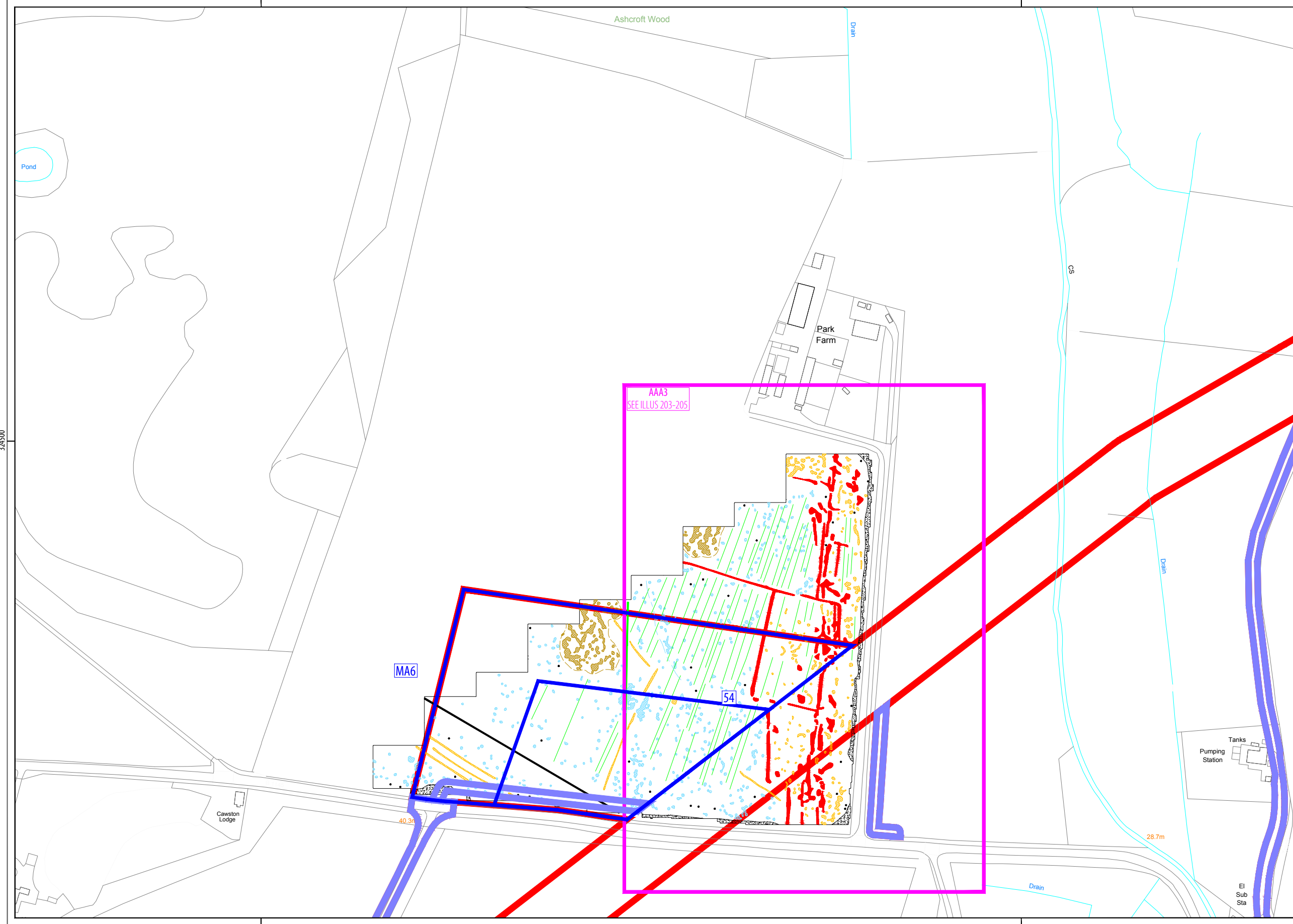
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ILLUS 87 XY trace plot of minimally processed of magnetometer data; PAGSA 54



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



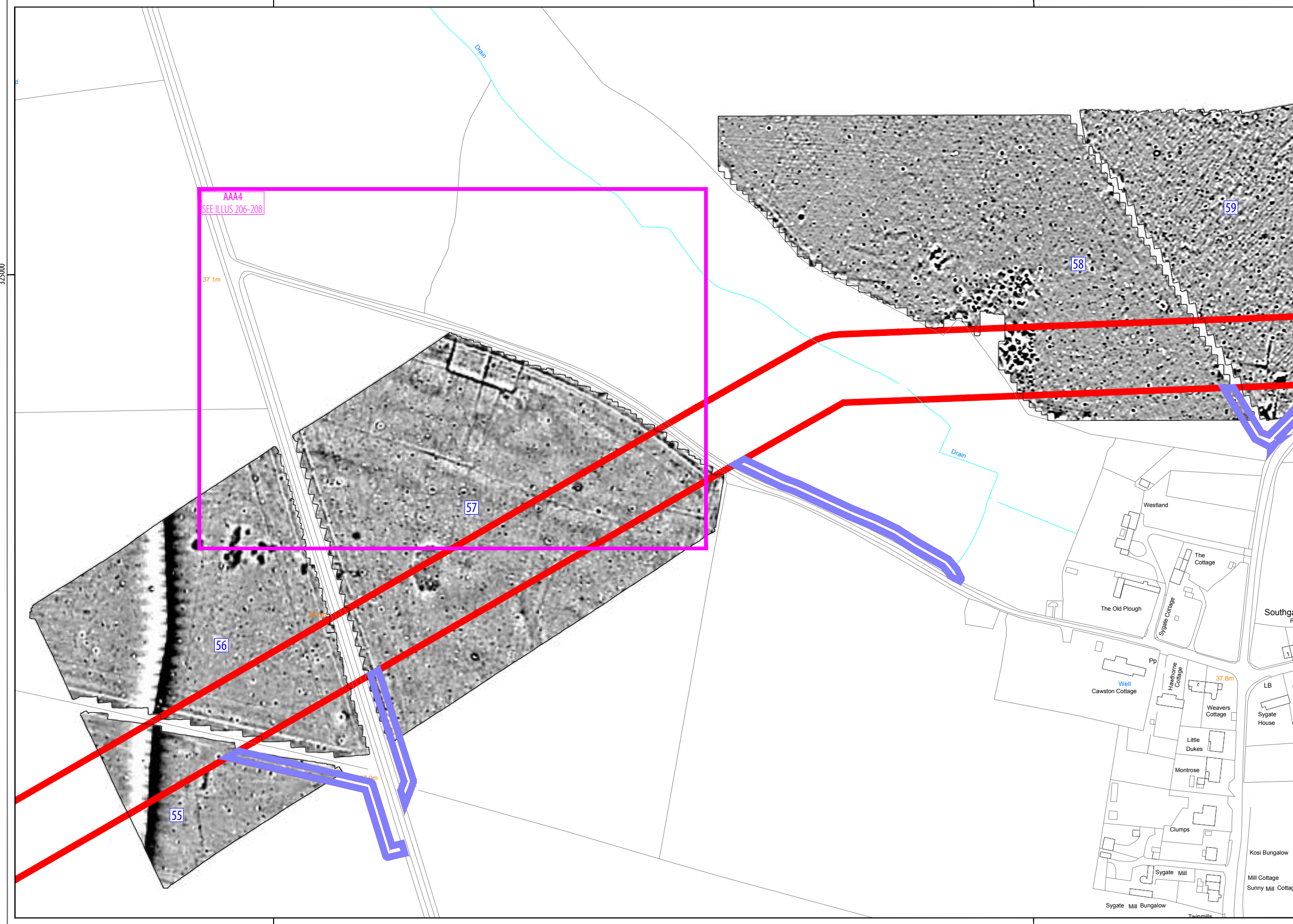
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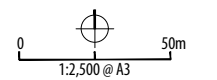
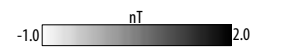


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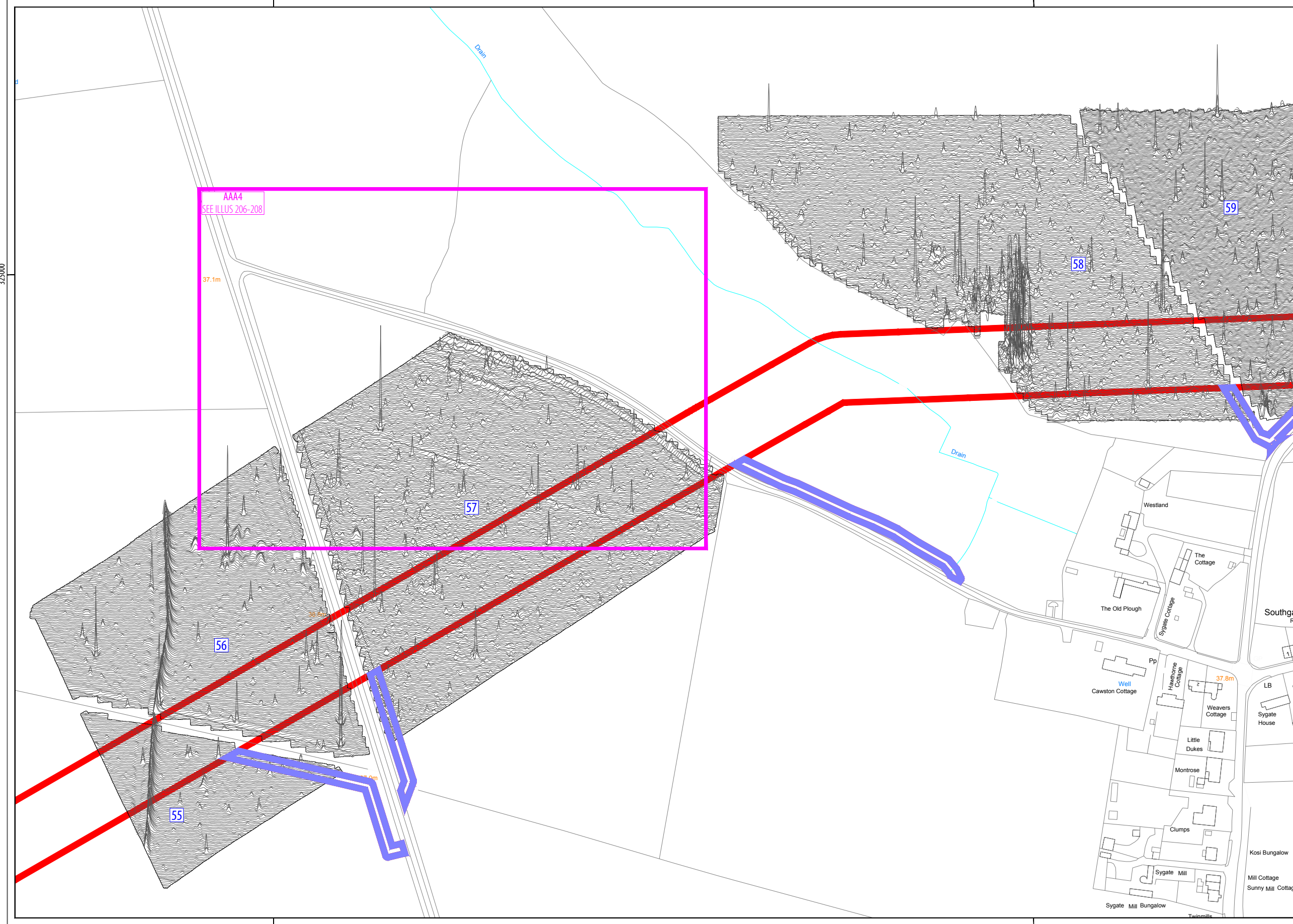
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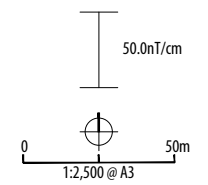


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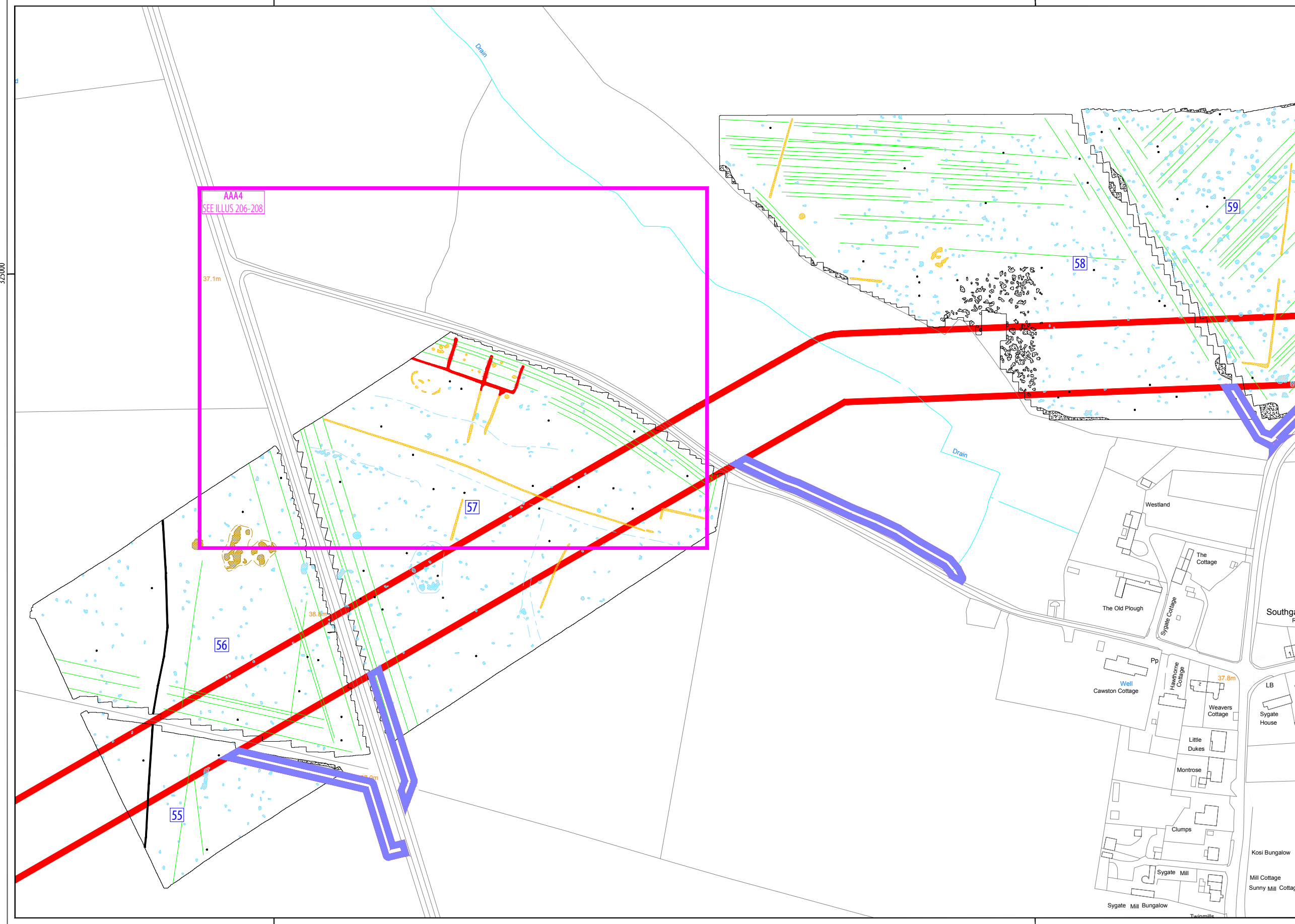
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— dipolar linear	service pipe
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology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



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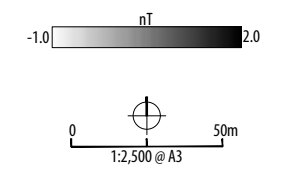
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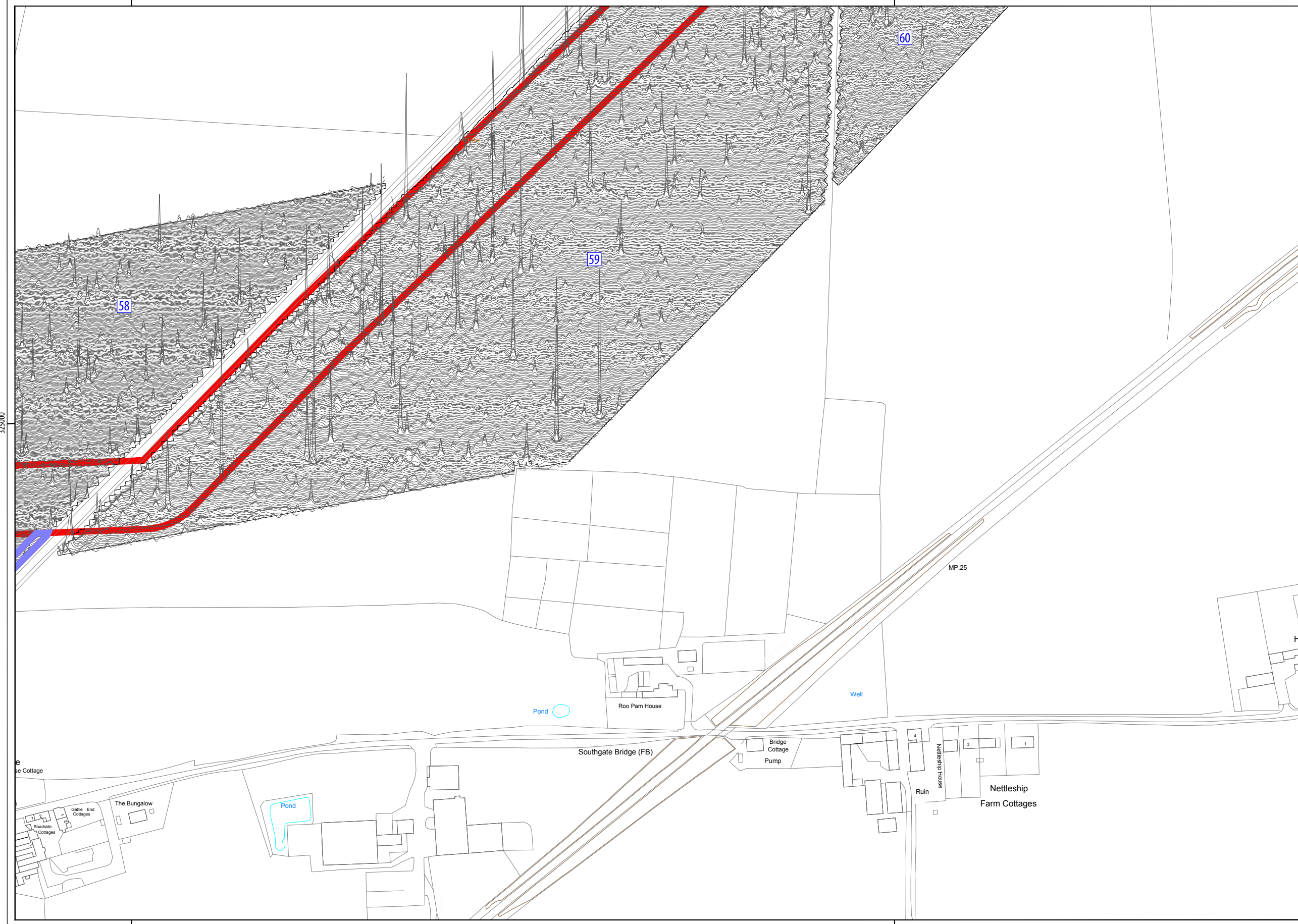
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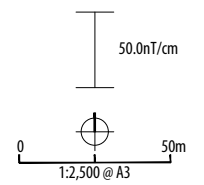


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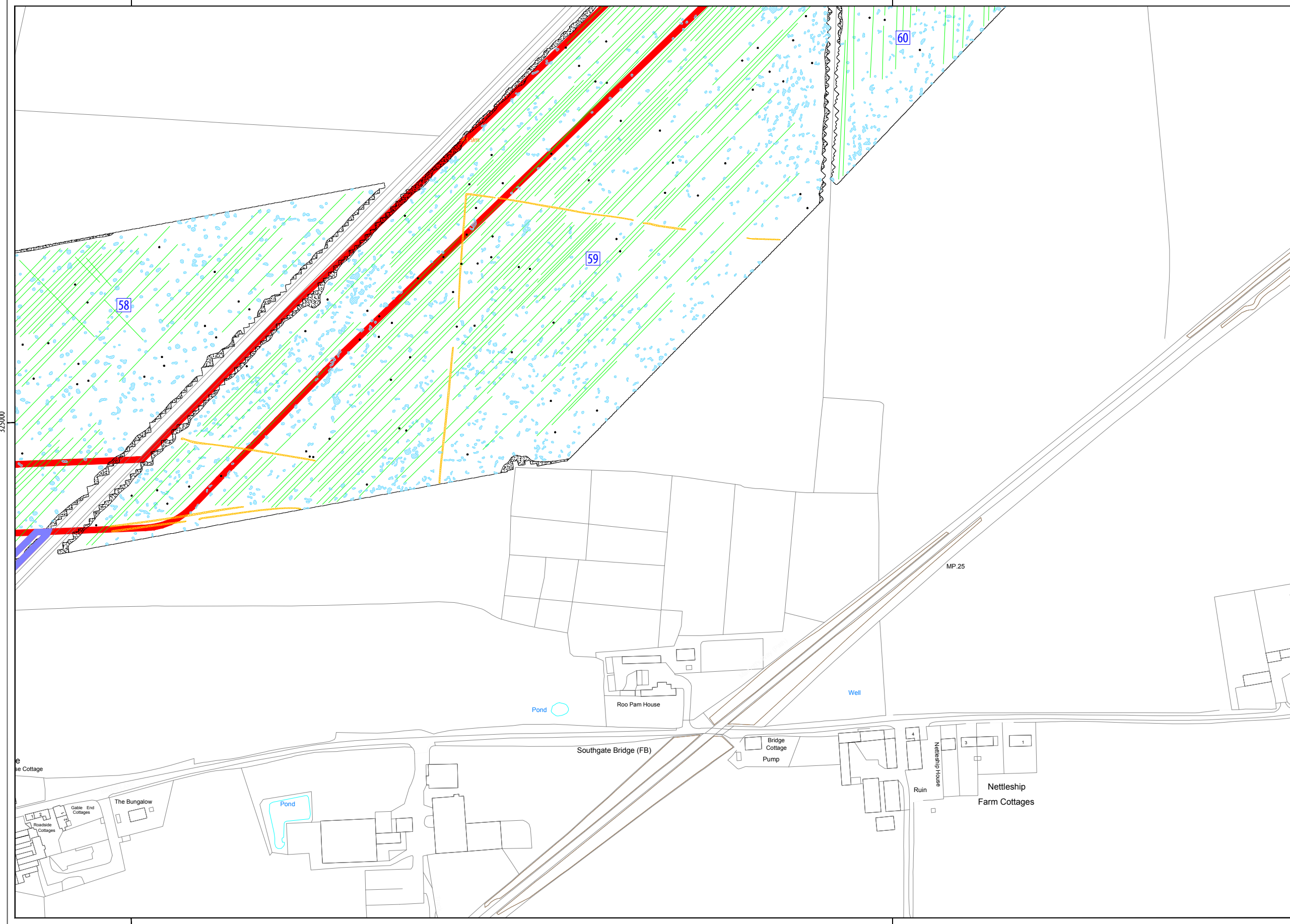


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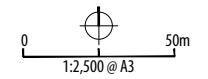
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
—	linear trend	agricultural
⊕	magnetic enhancement	geology
⊗	magnetic enhancement	archaeology?

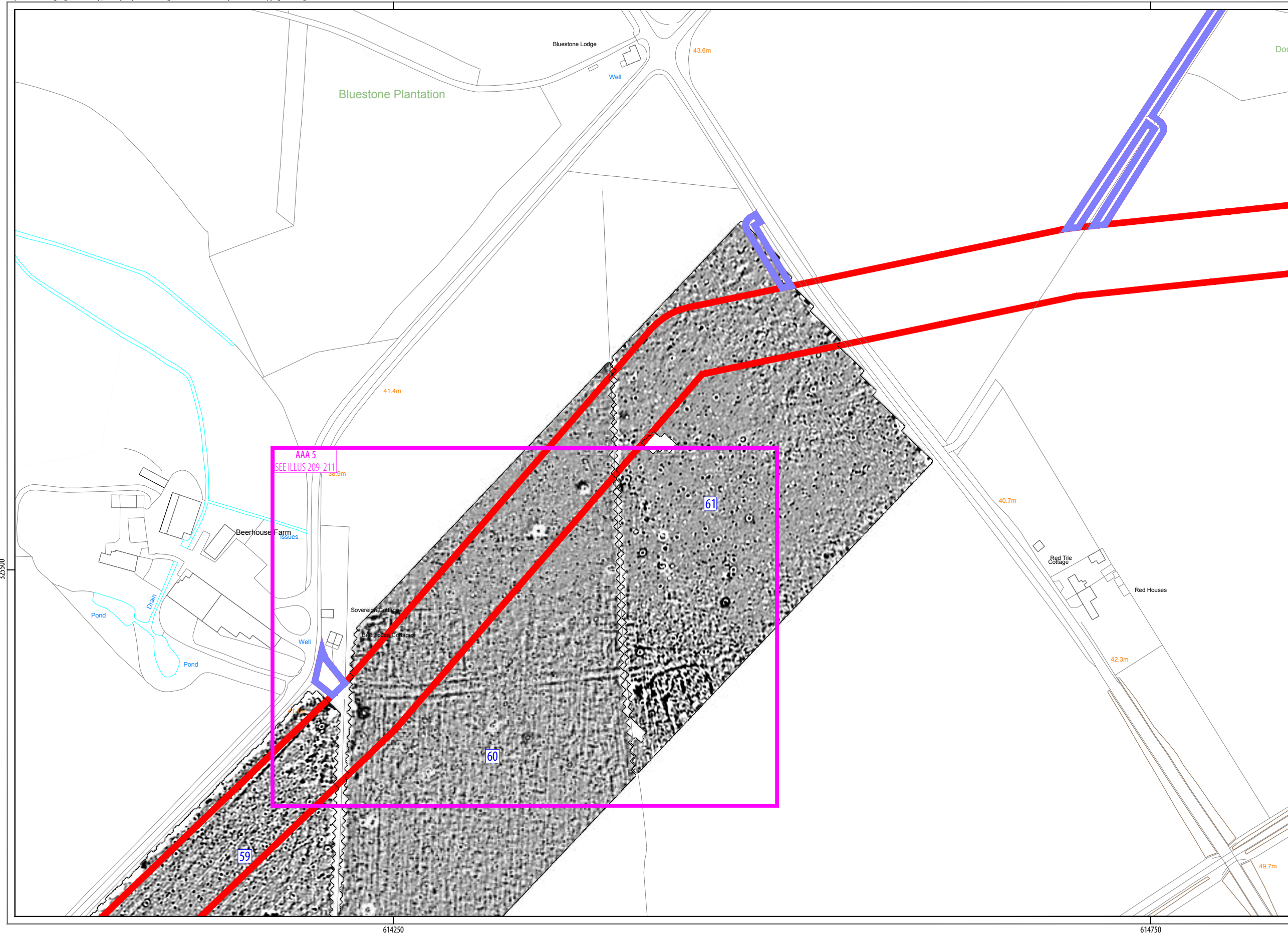


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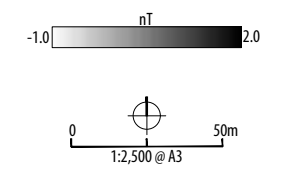


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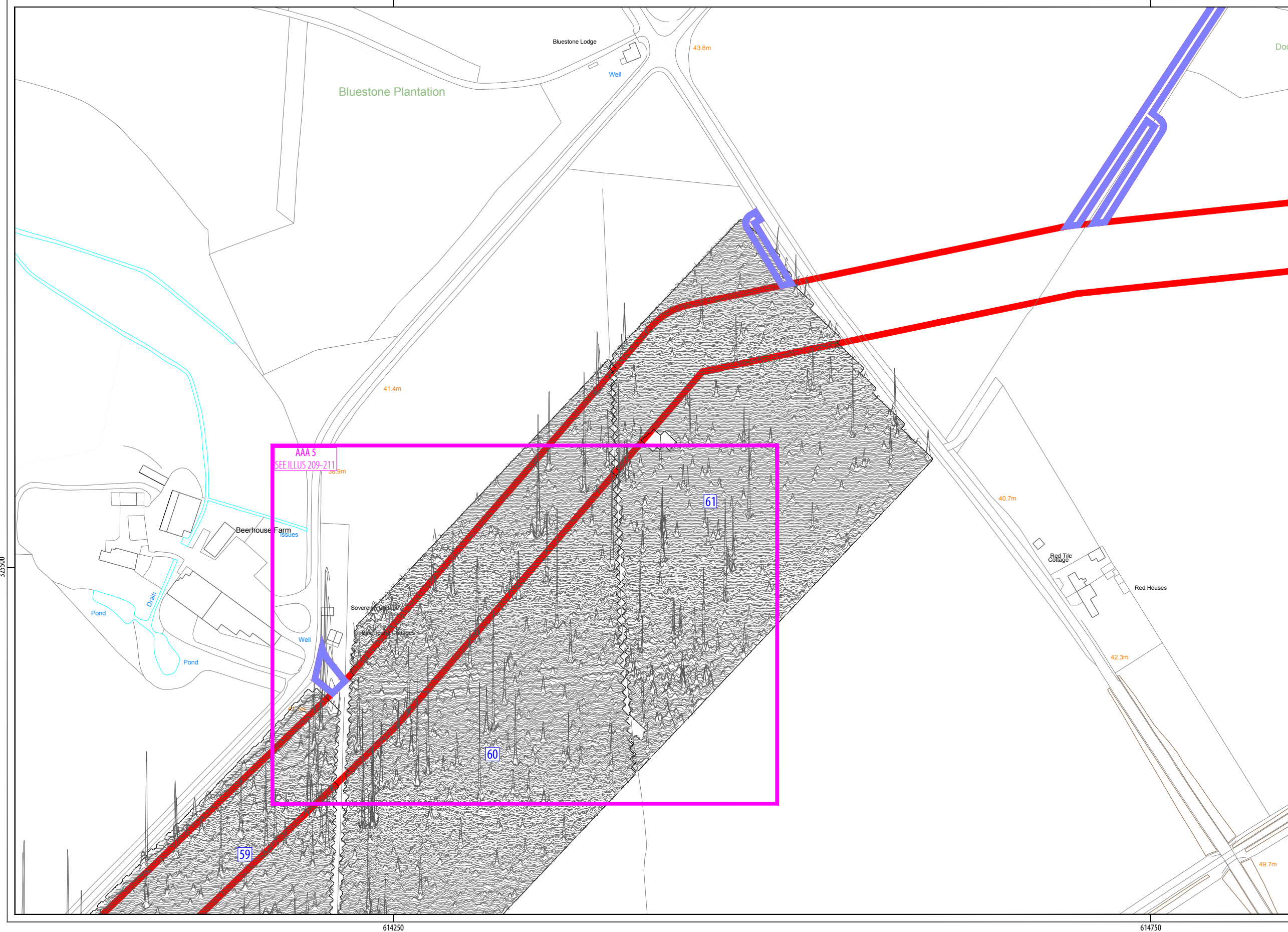
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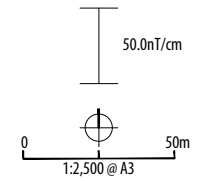


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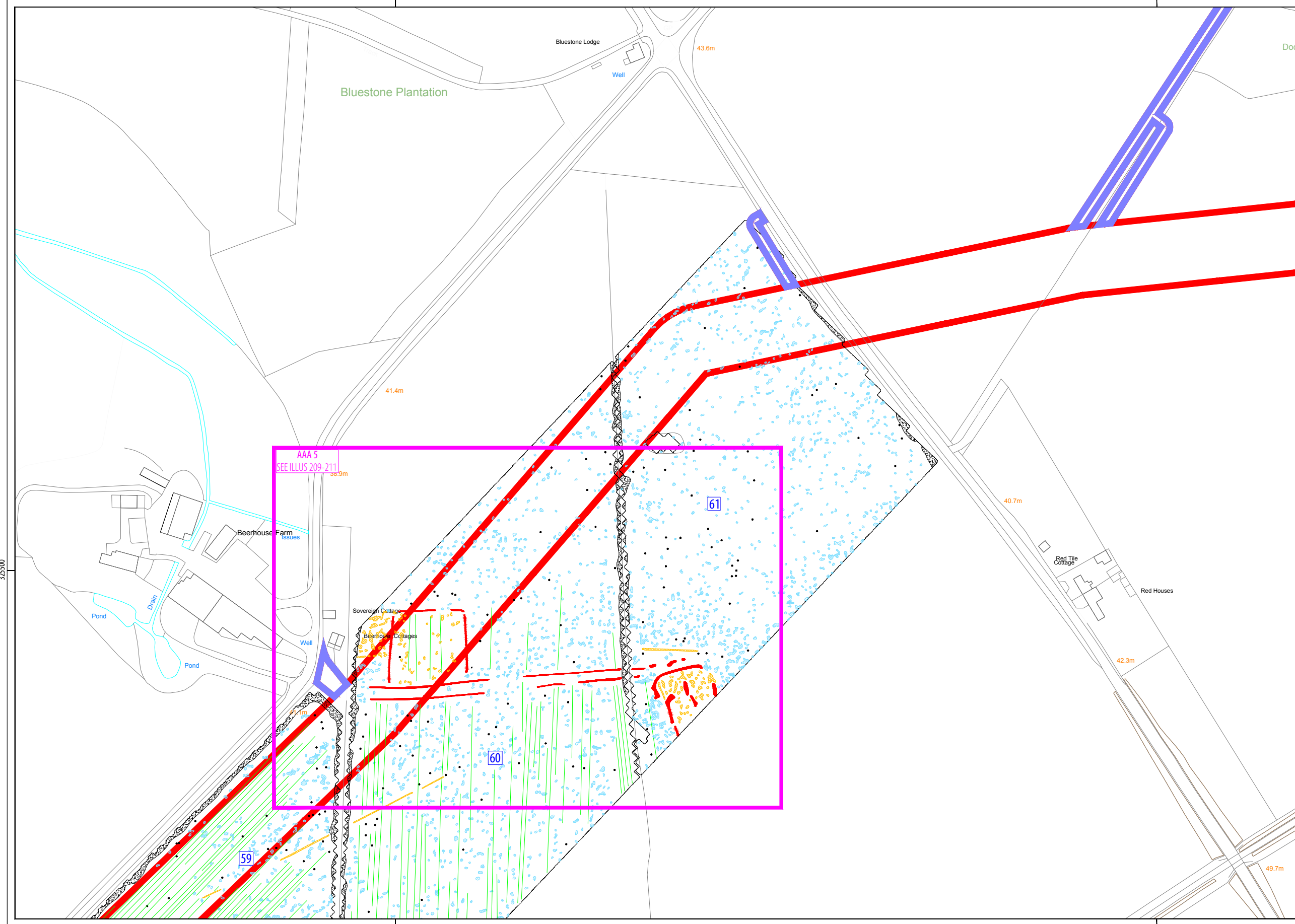
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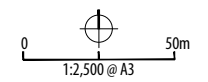


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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear trend	geology
⊗ magnetic enhancement	archaeology?
● magnetic enhancement	archaeology



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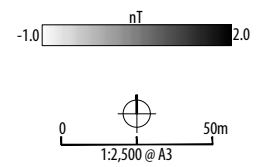
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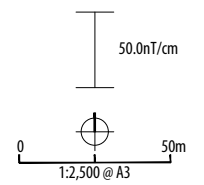


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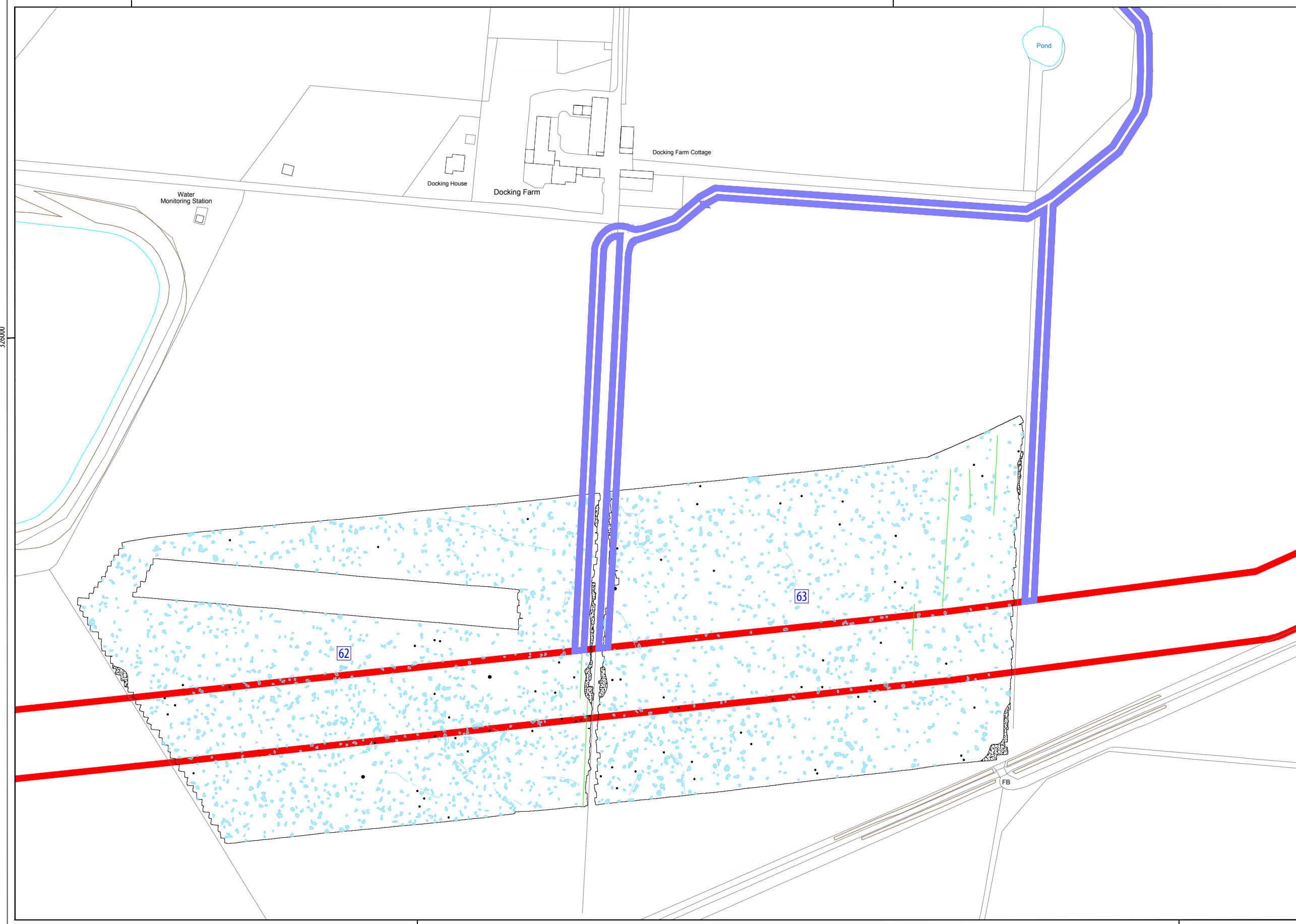
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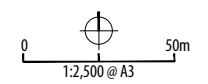
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●	magnetic disturbance	ferrous material
—	linear trend	agricultural
—	linear trend	geology
⊕	magnetic enhancement	geology



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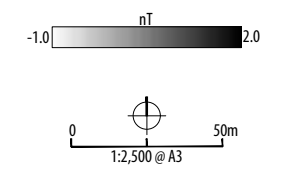


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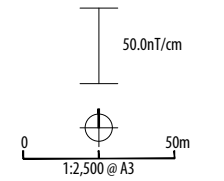
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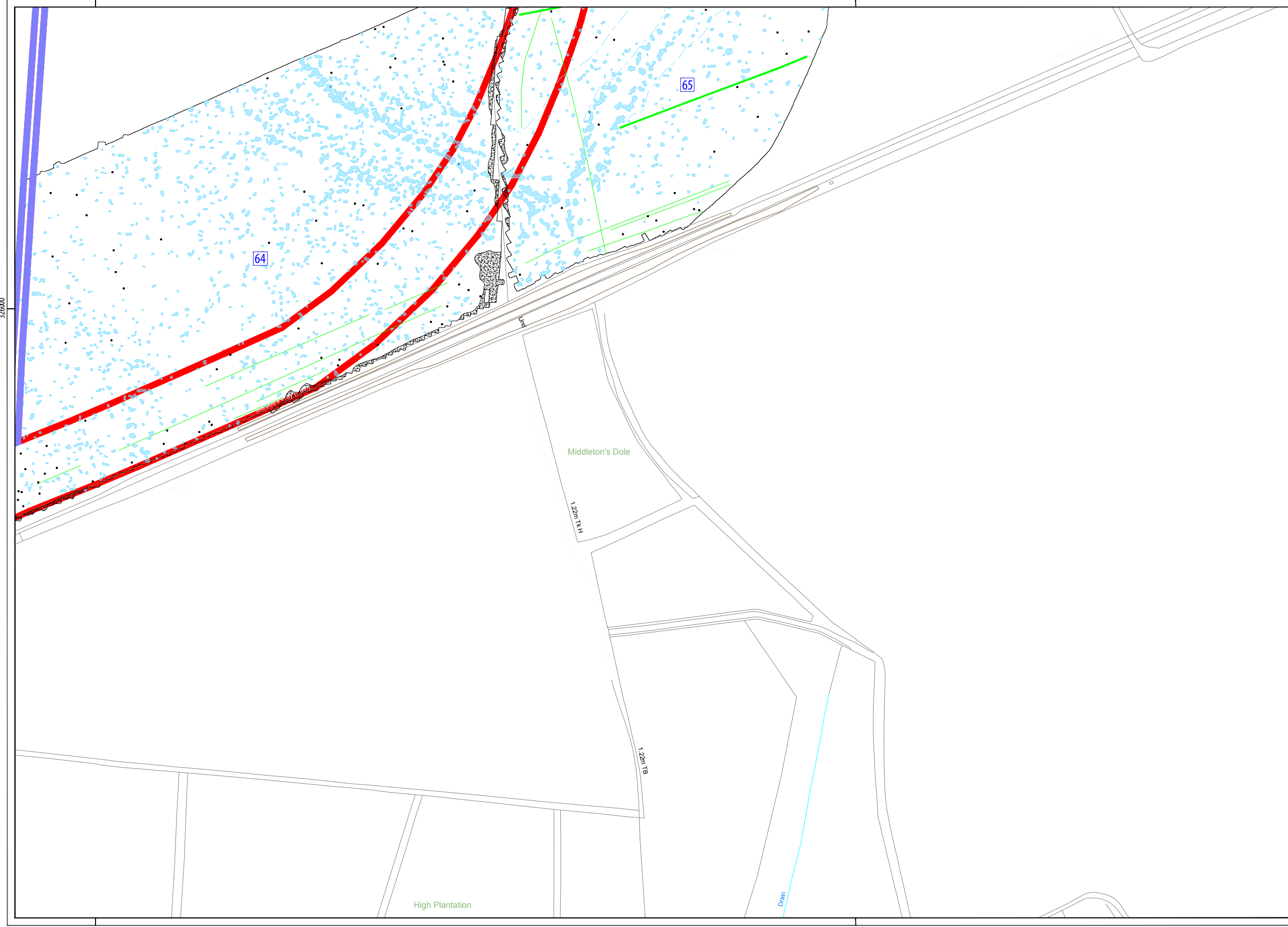
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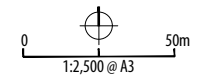


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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— linear trend	agricultural
— linear	former field boundary
— linear trend	geology
● magnetic enhancement	geology



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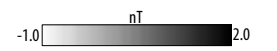
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Royal HaskoningDHV

CLIENT  
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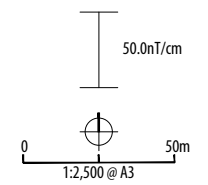


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- norfolk vanguard red line boundary
- mobilisation area
- access route

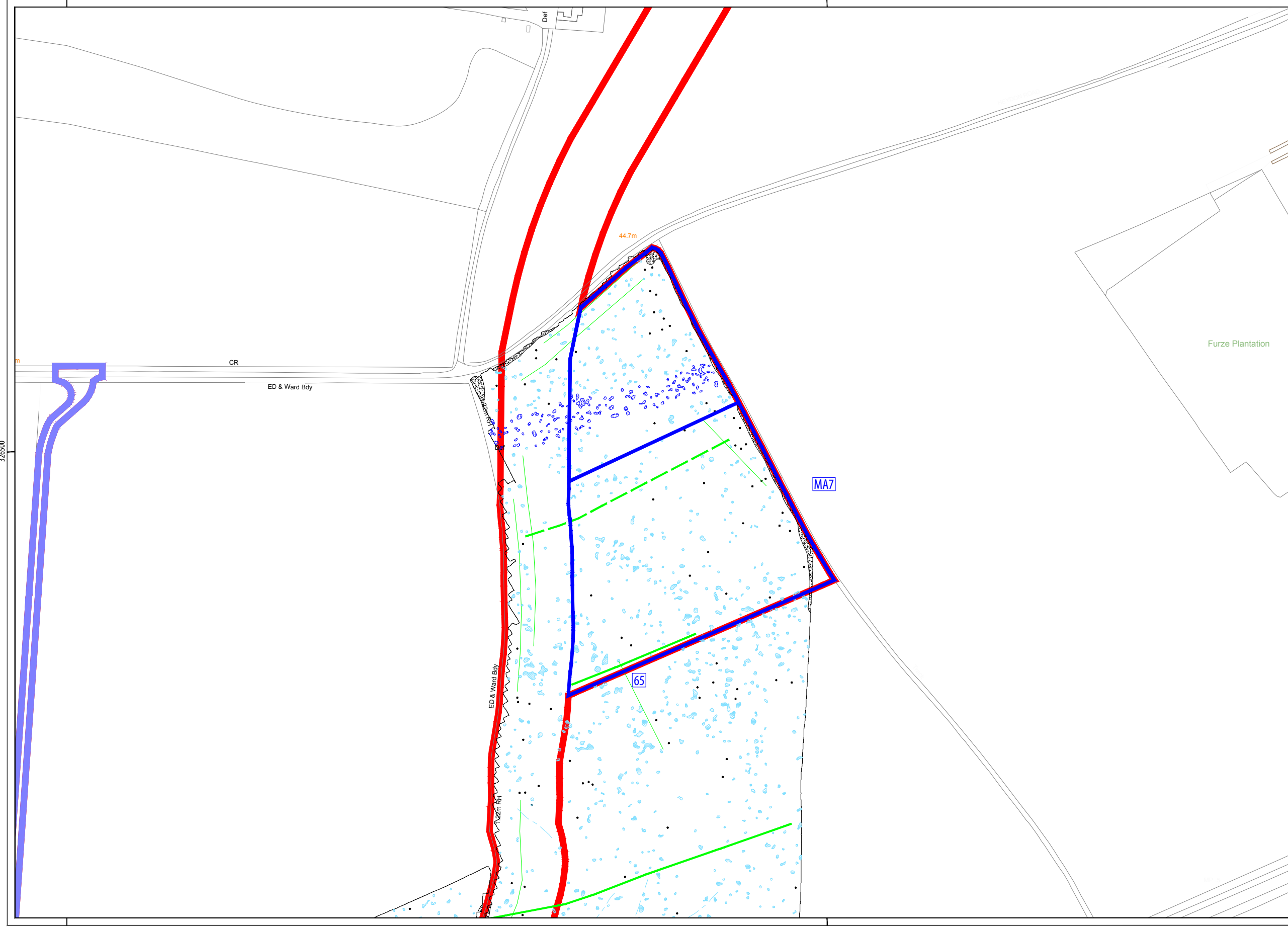


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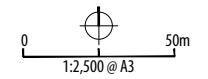
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TYPE OF ANOMALY		INTERPRETATION
●	dipolar isolated	ferrous material
●	magnetic disturbance	ferrous material
●	magnetic disturbance	modern
—	linear trend	agricultural
—	linear	former field boundary?
—	linear	former field boundary
—	linear trend	geology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



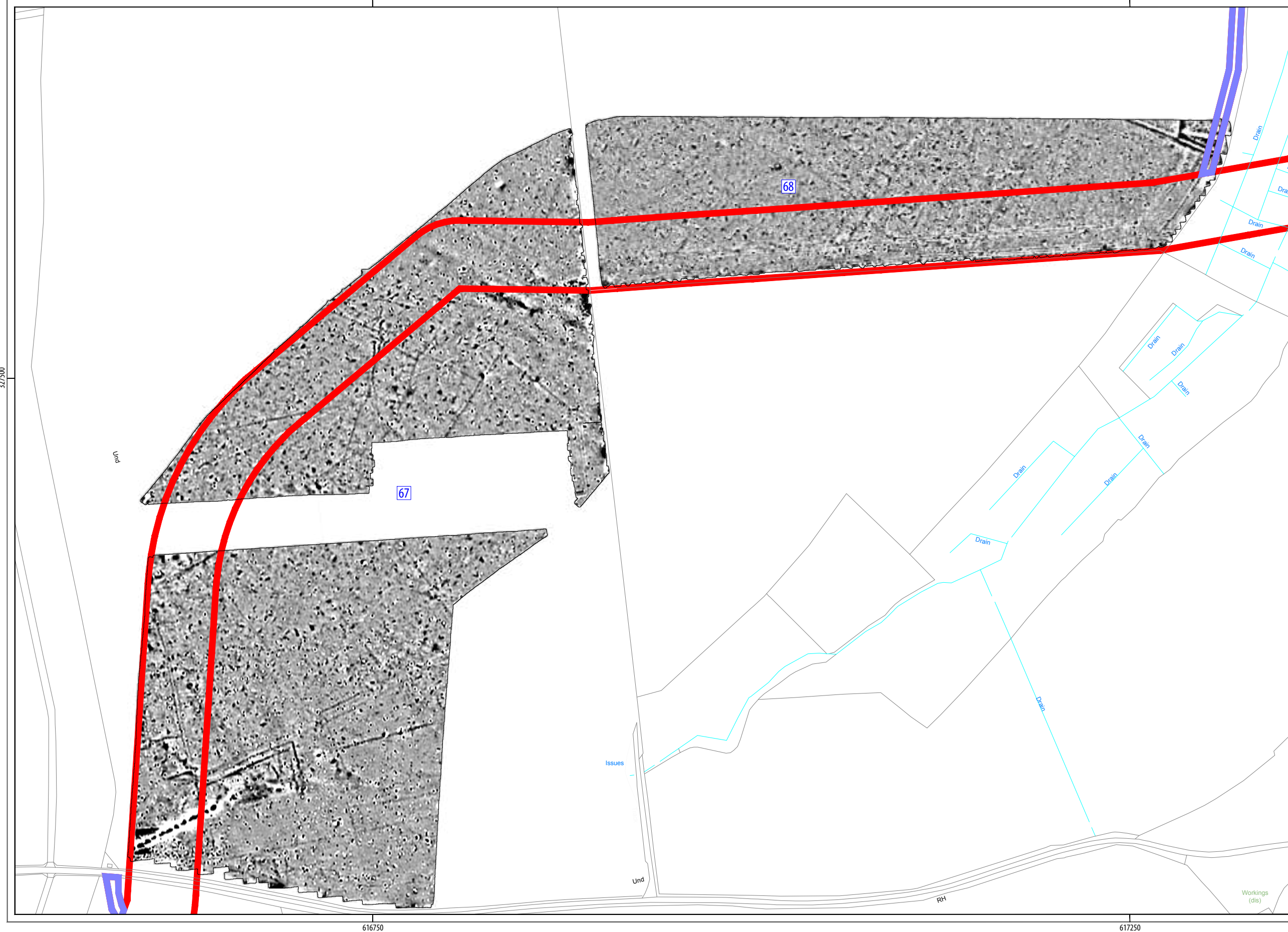
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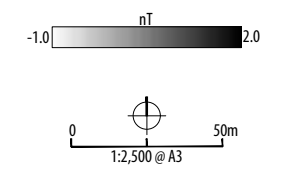


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access route



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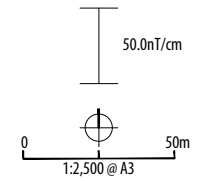


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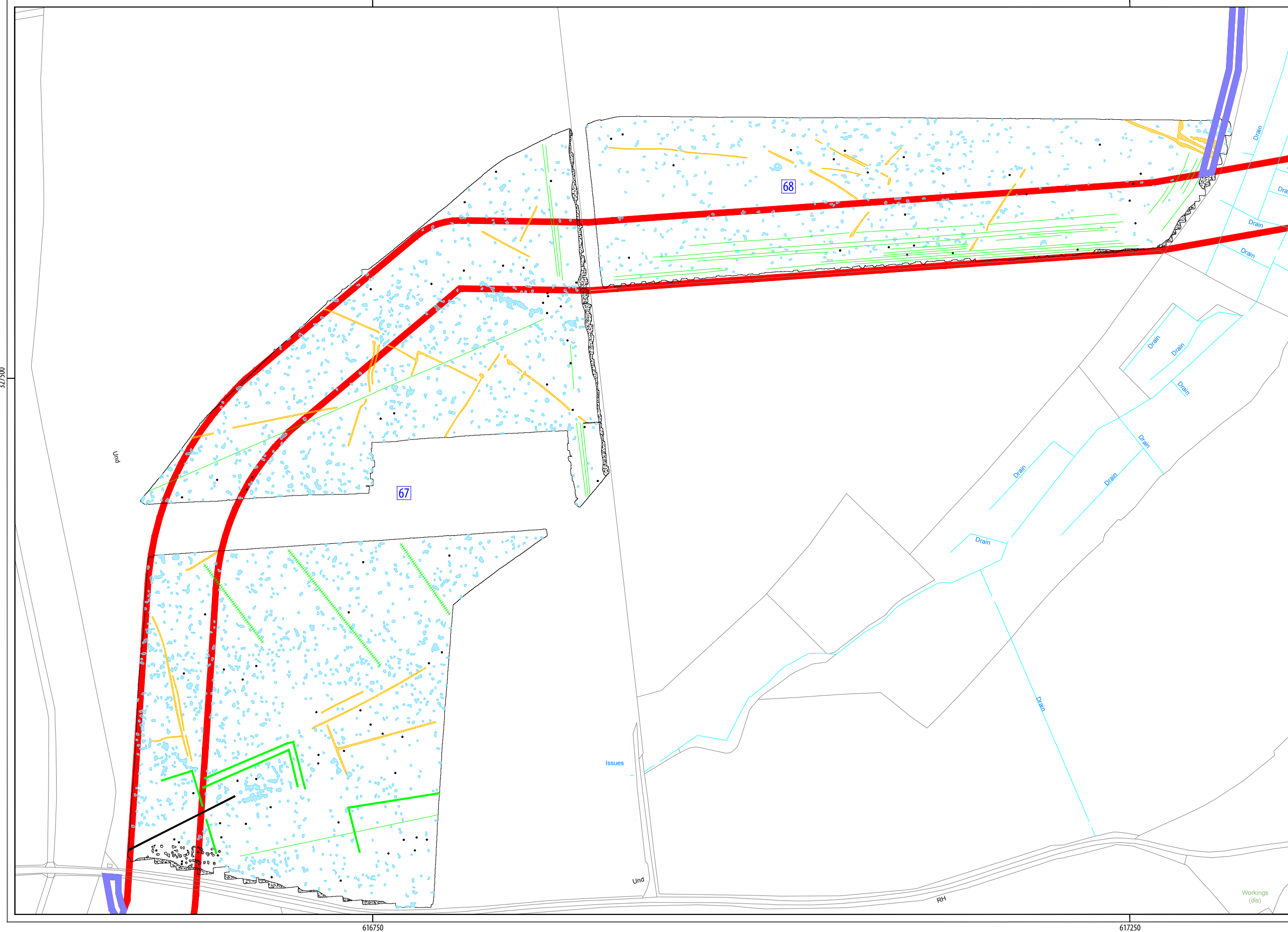
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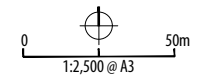


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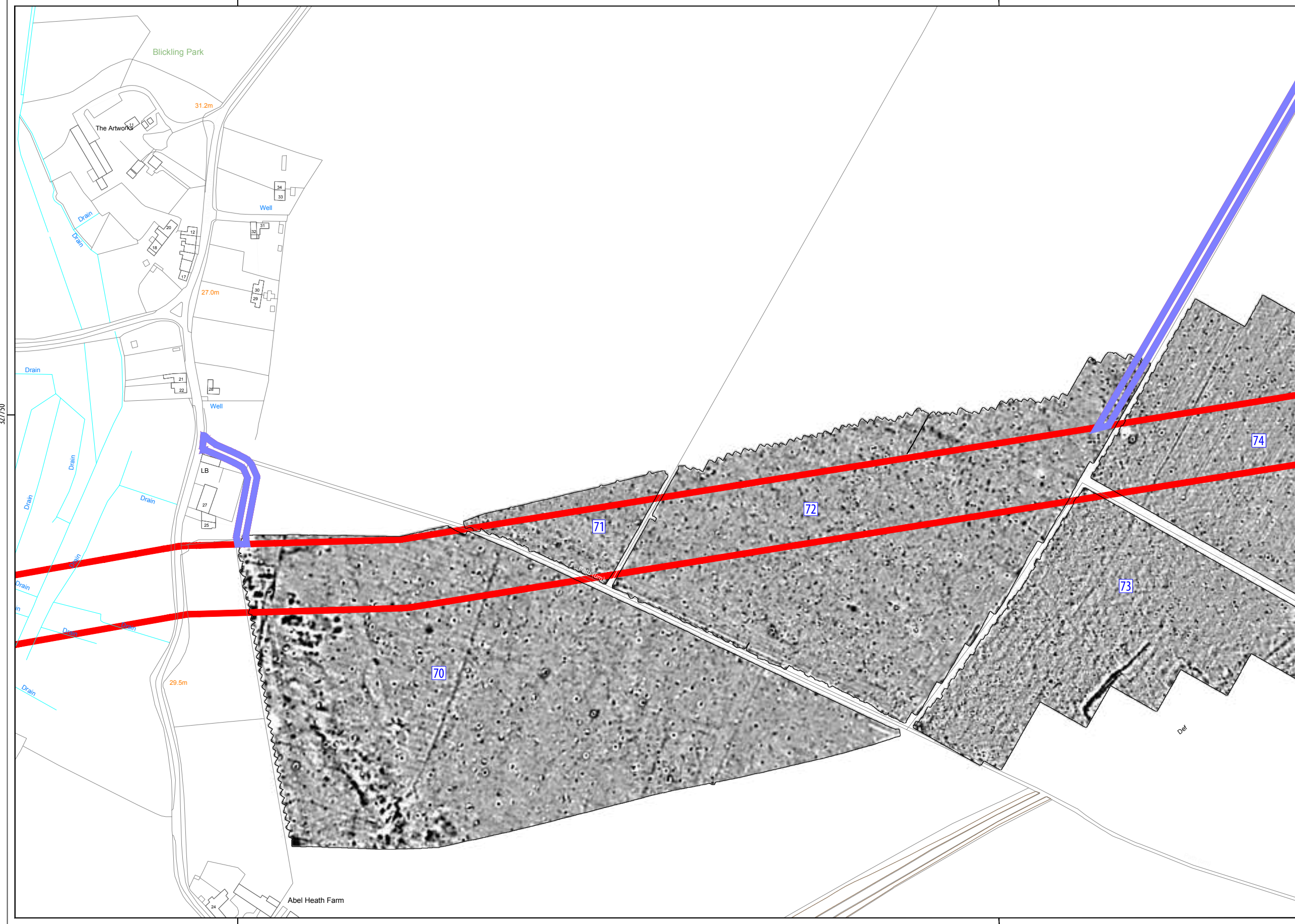
TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
— dipolar linear	service pipe
— linear trend	drain
— linear trend	agricultural
— linear	former field boundary
⊕ magnetic enhancement	geology
⊗ magnetic enhancement	archaeology?



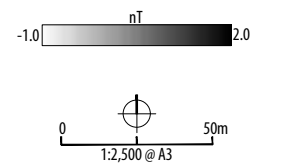
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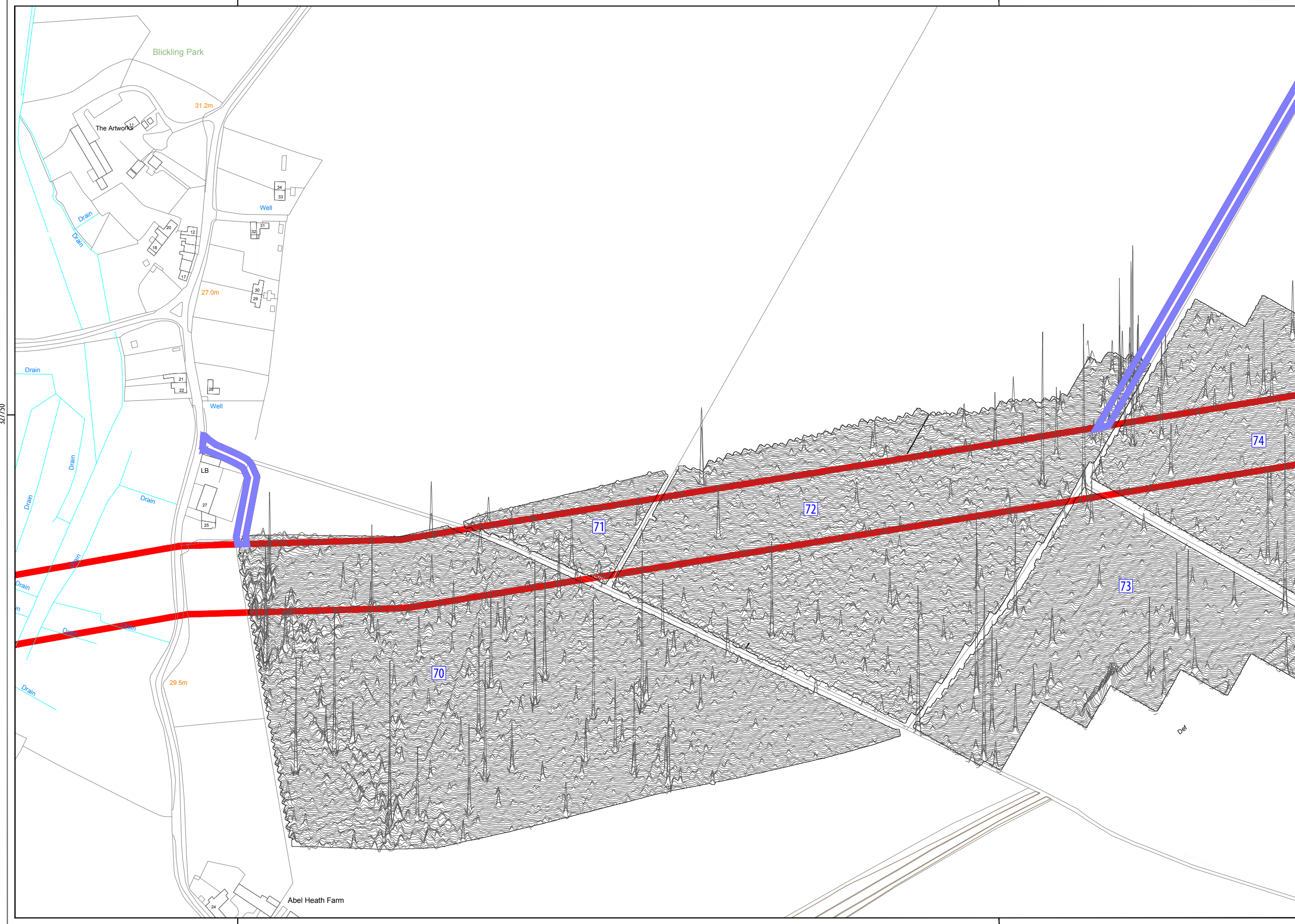


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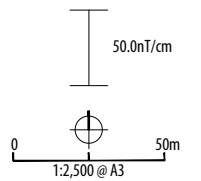
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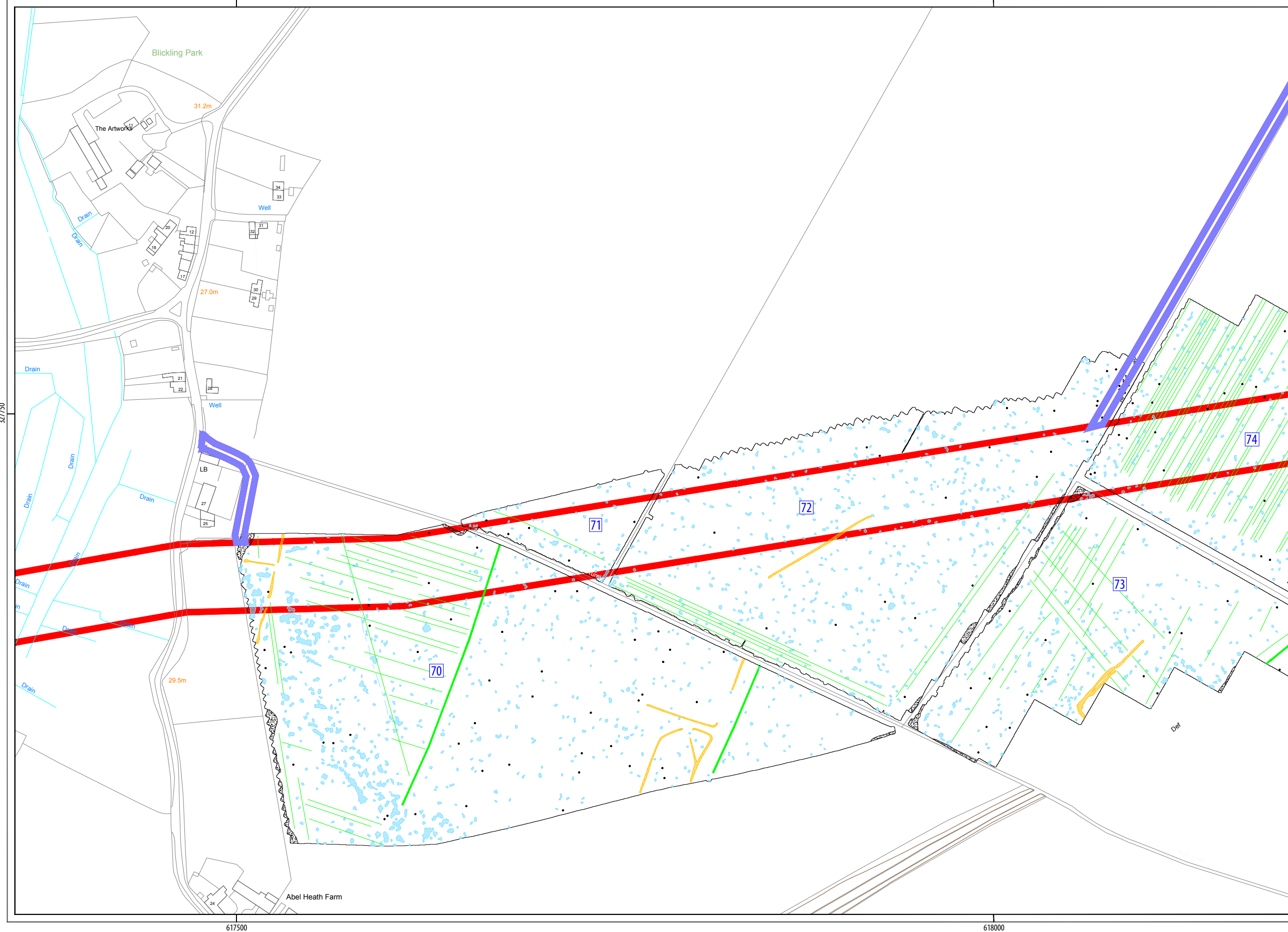
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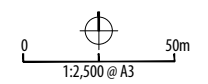


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— linear trend	geology
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● magnetic enhancement	archaeology?



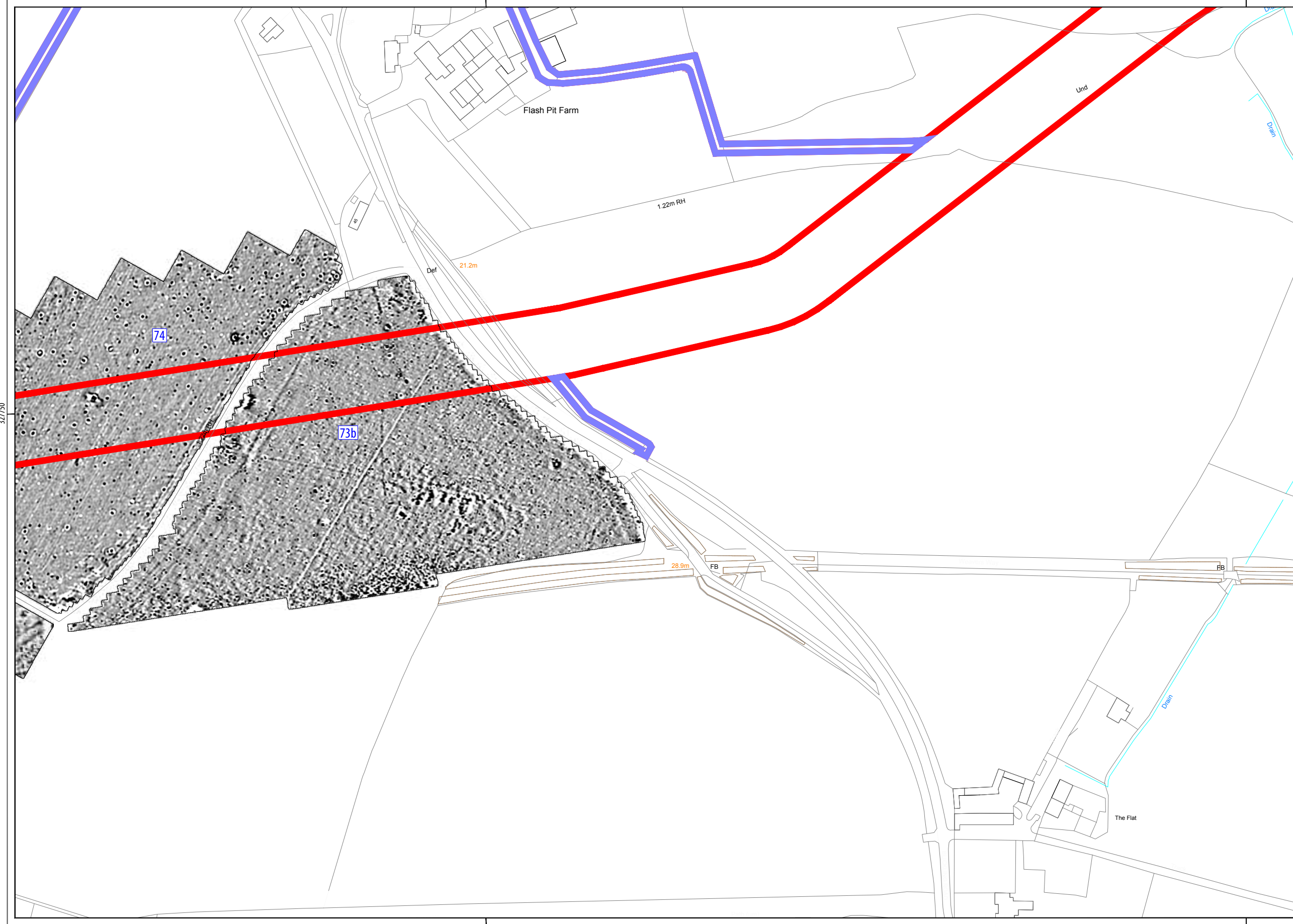
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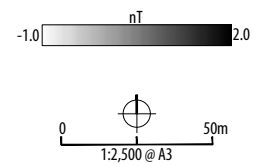


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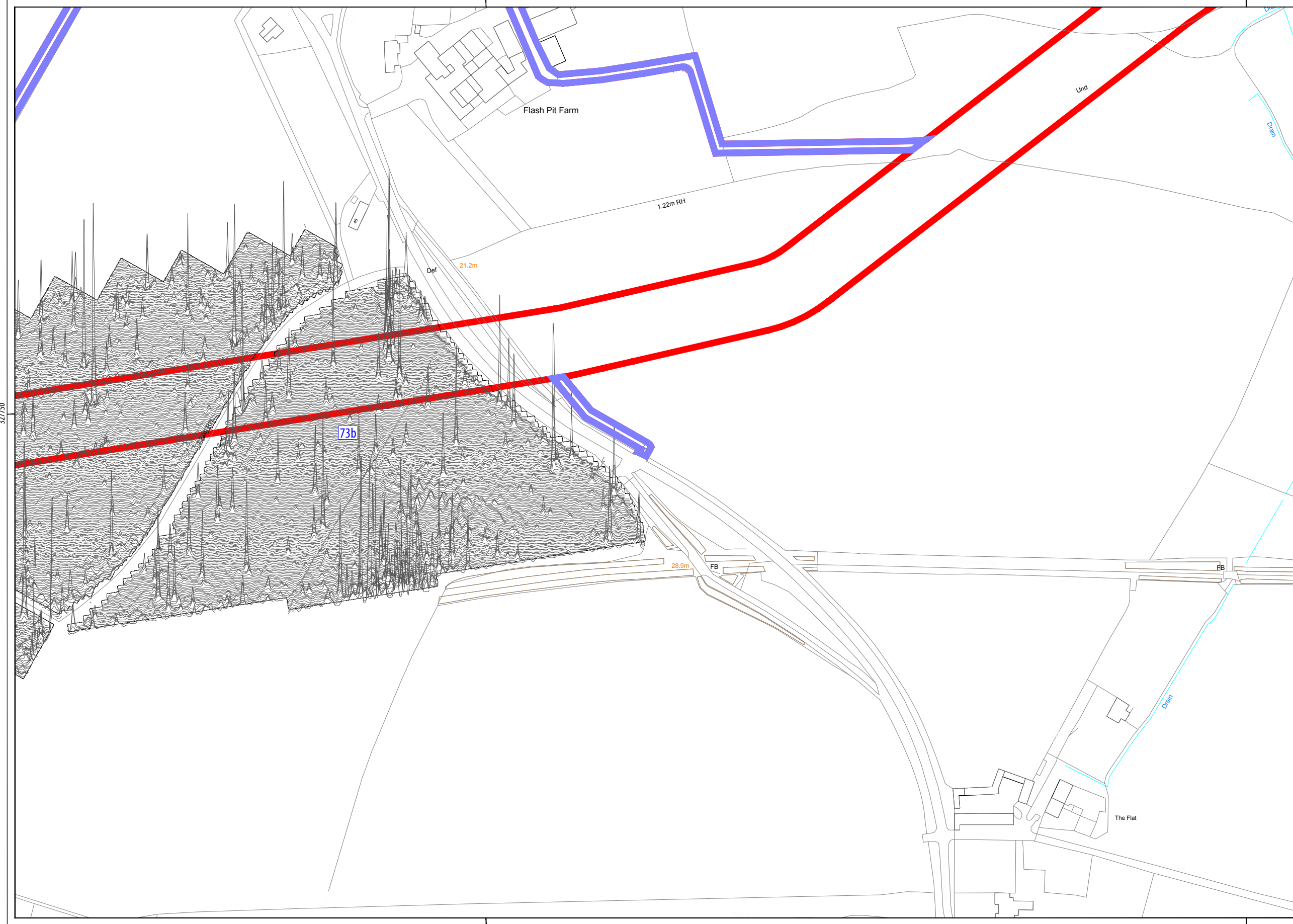
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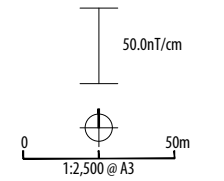
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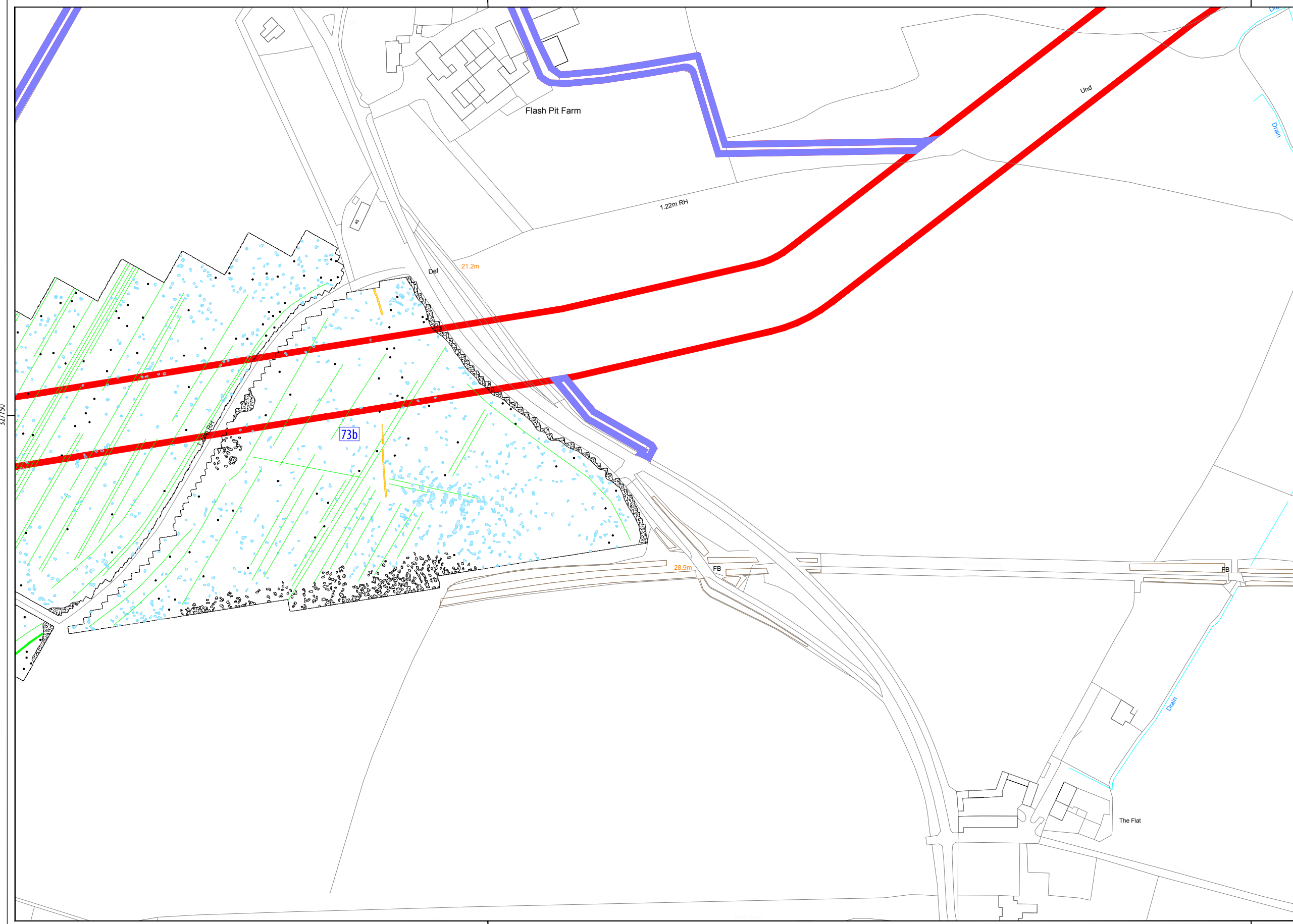
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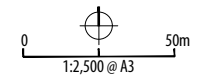
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ILLUS 114 XY trace plot of minimally processed magnetometer data; PAGSA 73b-74





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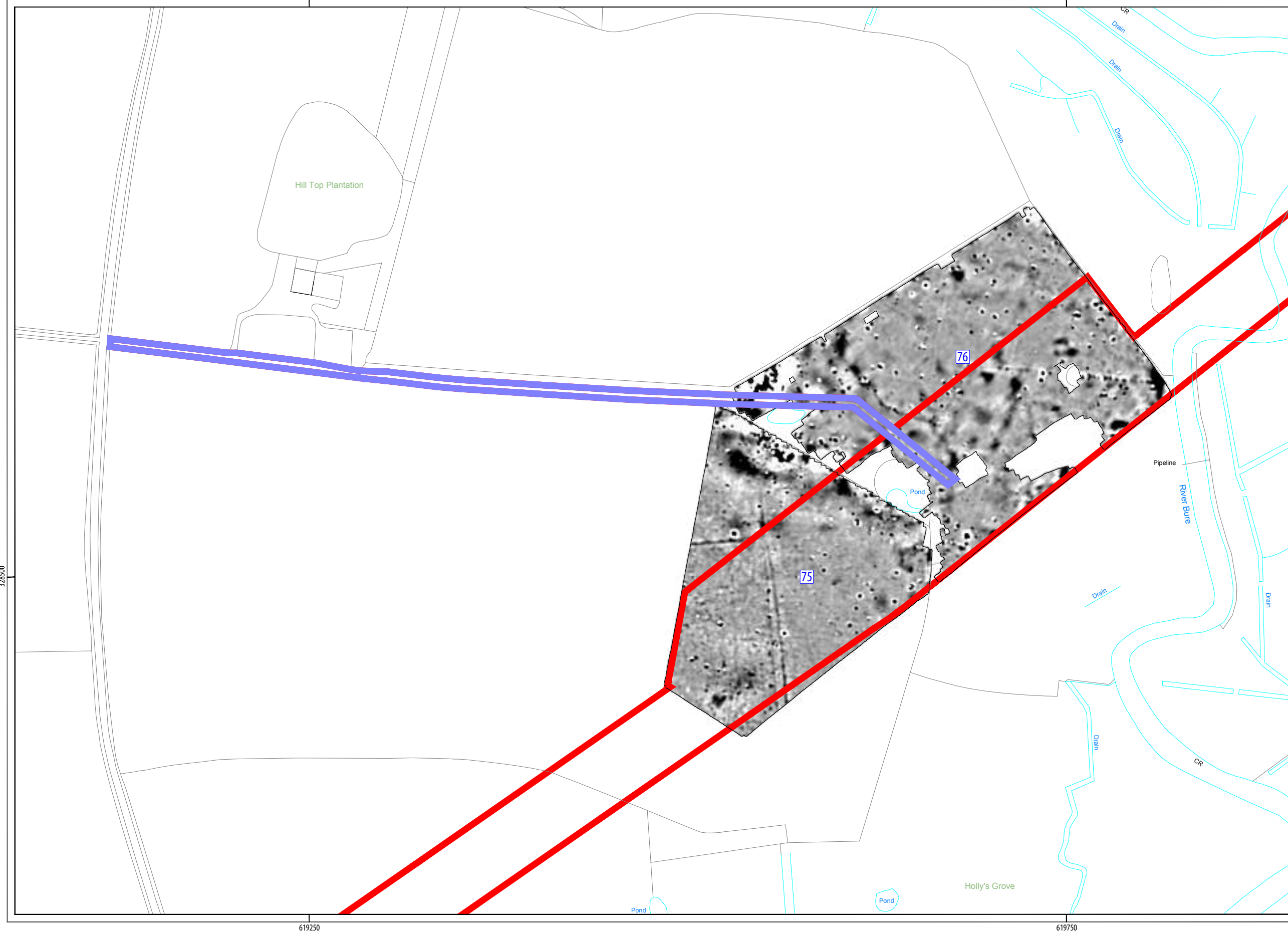


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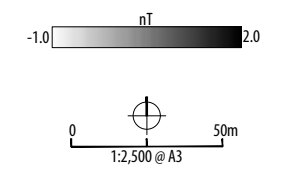
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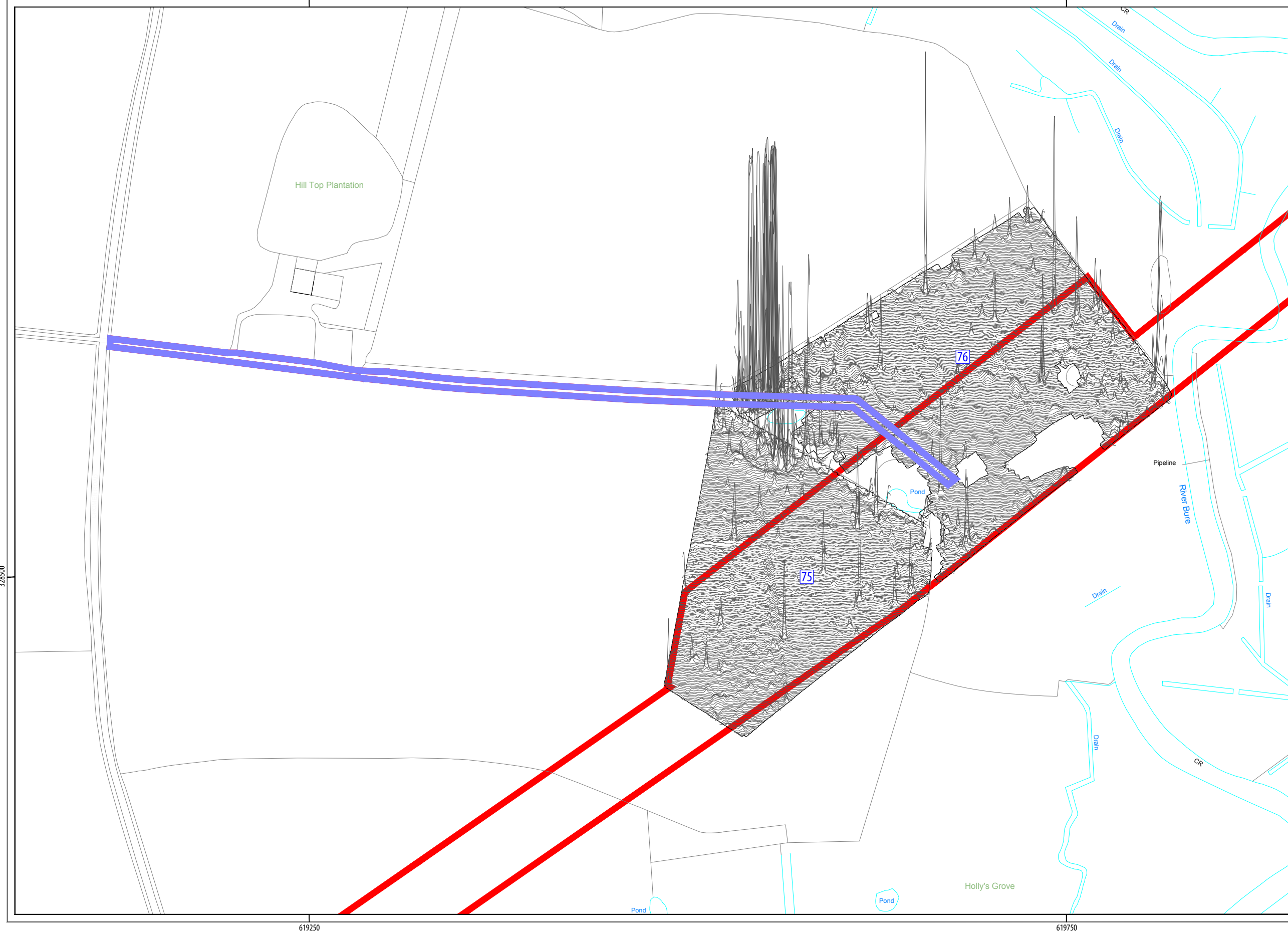
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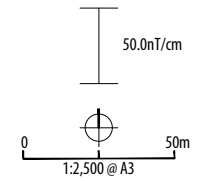


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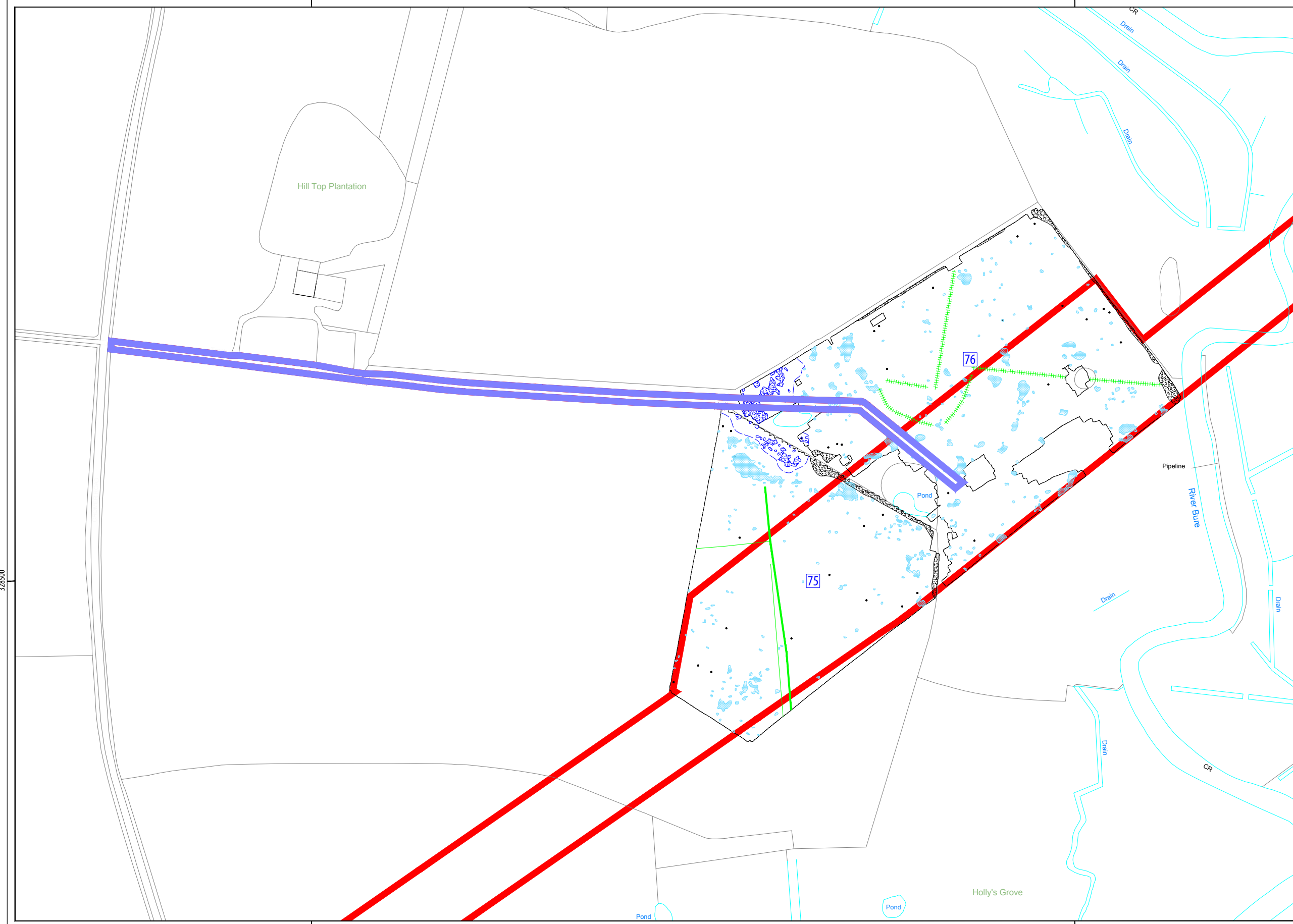


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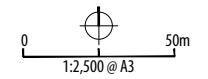
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