



**SCOTTISHPOWER
RENEWABLES**

East Anglia ONE North and East Anglia TWO Offshore Windfarms

Onshore Archaeology: Geophysical Survey Report

Part 7 of 9

Applicants: East Anglia ONE North Limited and East Anglia TWO Limited

Document Reference: ExA.AS-14.D1.V1

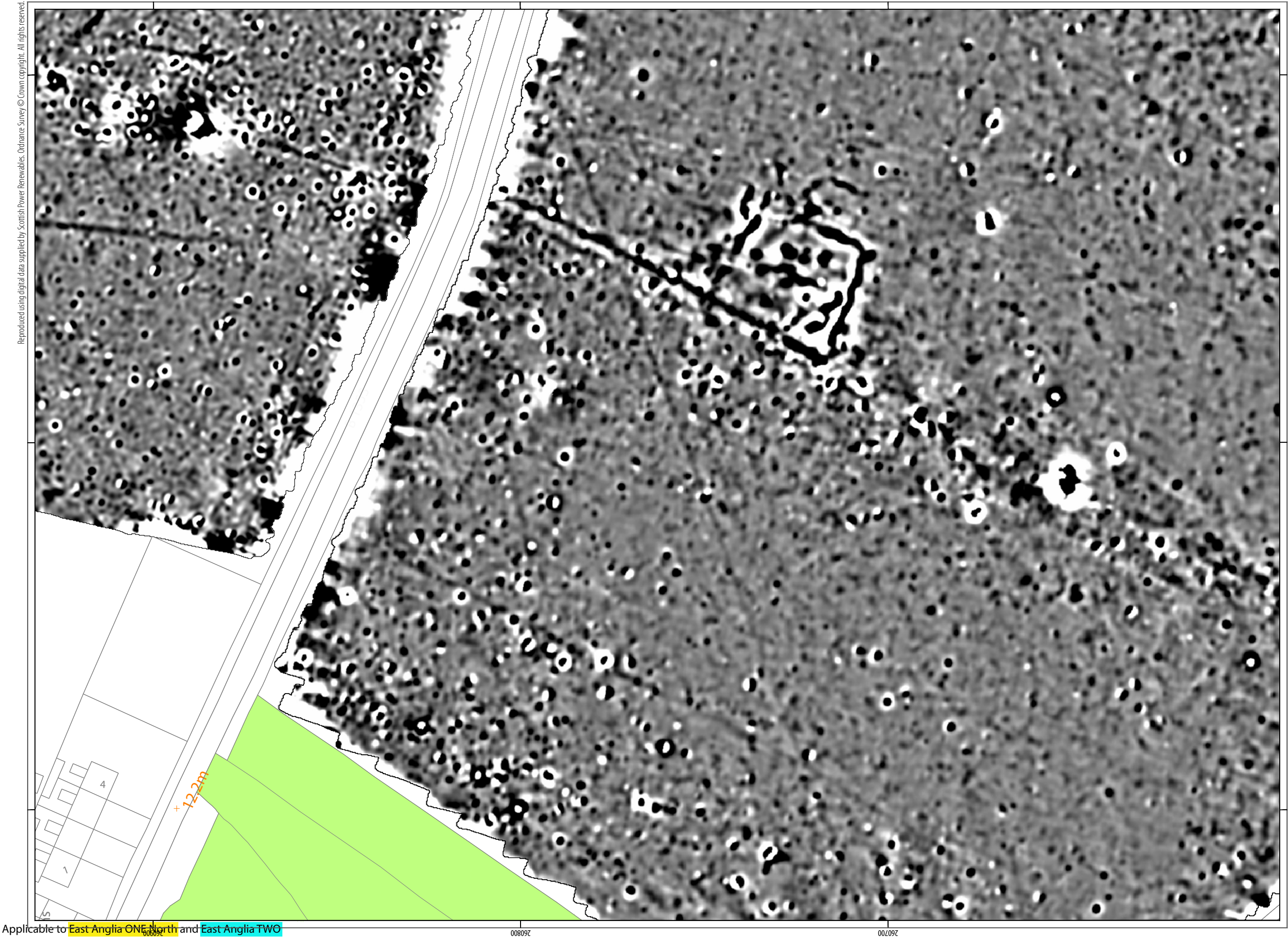
SPR Reference: EA1N_EA2-DWF-ENV-REP-IBR-001113

Date: 2nd November 2020

Revision: Version 01

Author: Headland Archaeology

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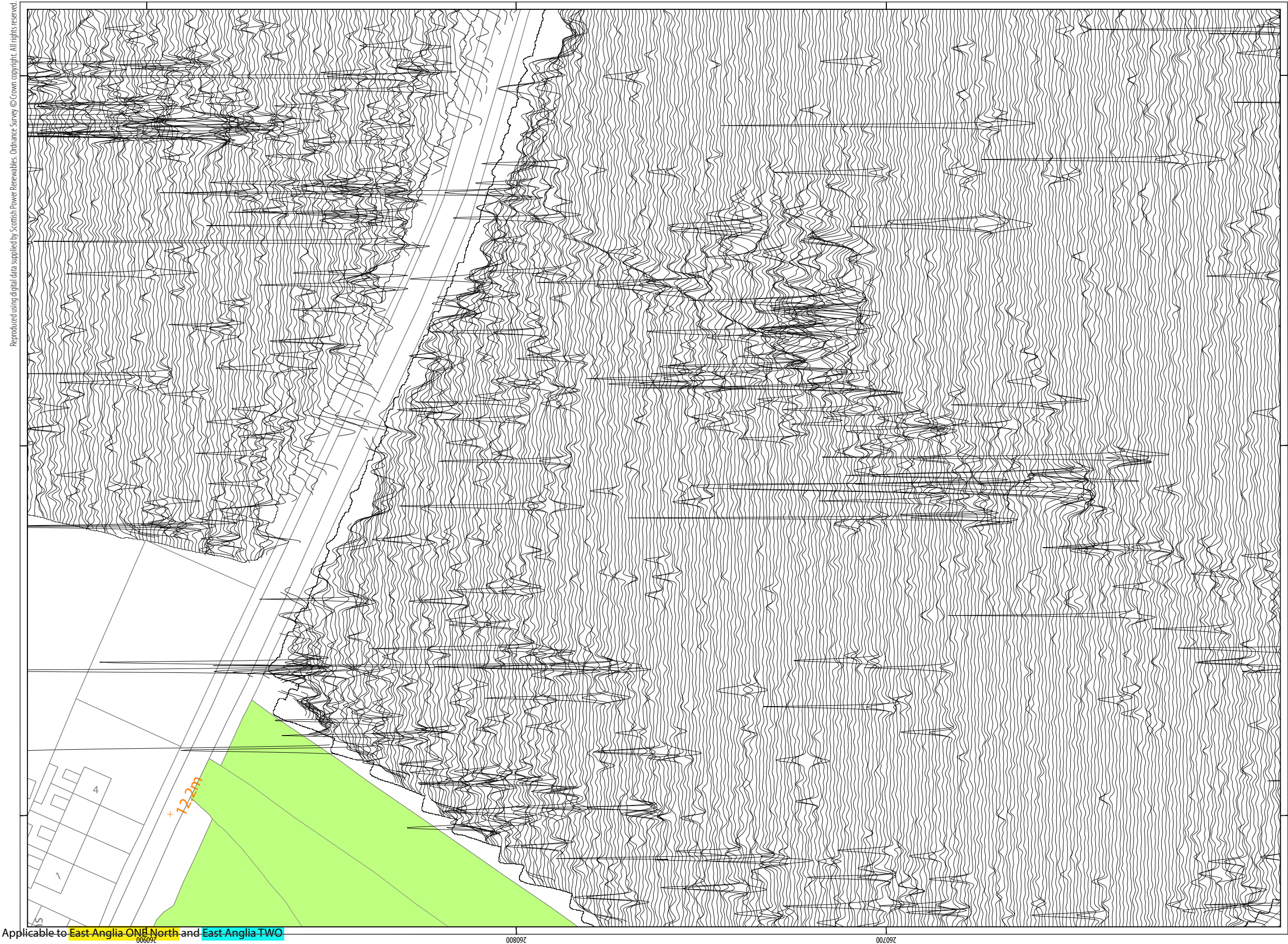
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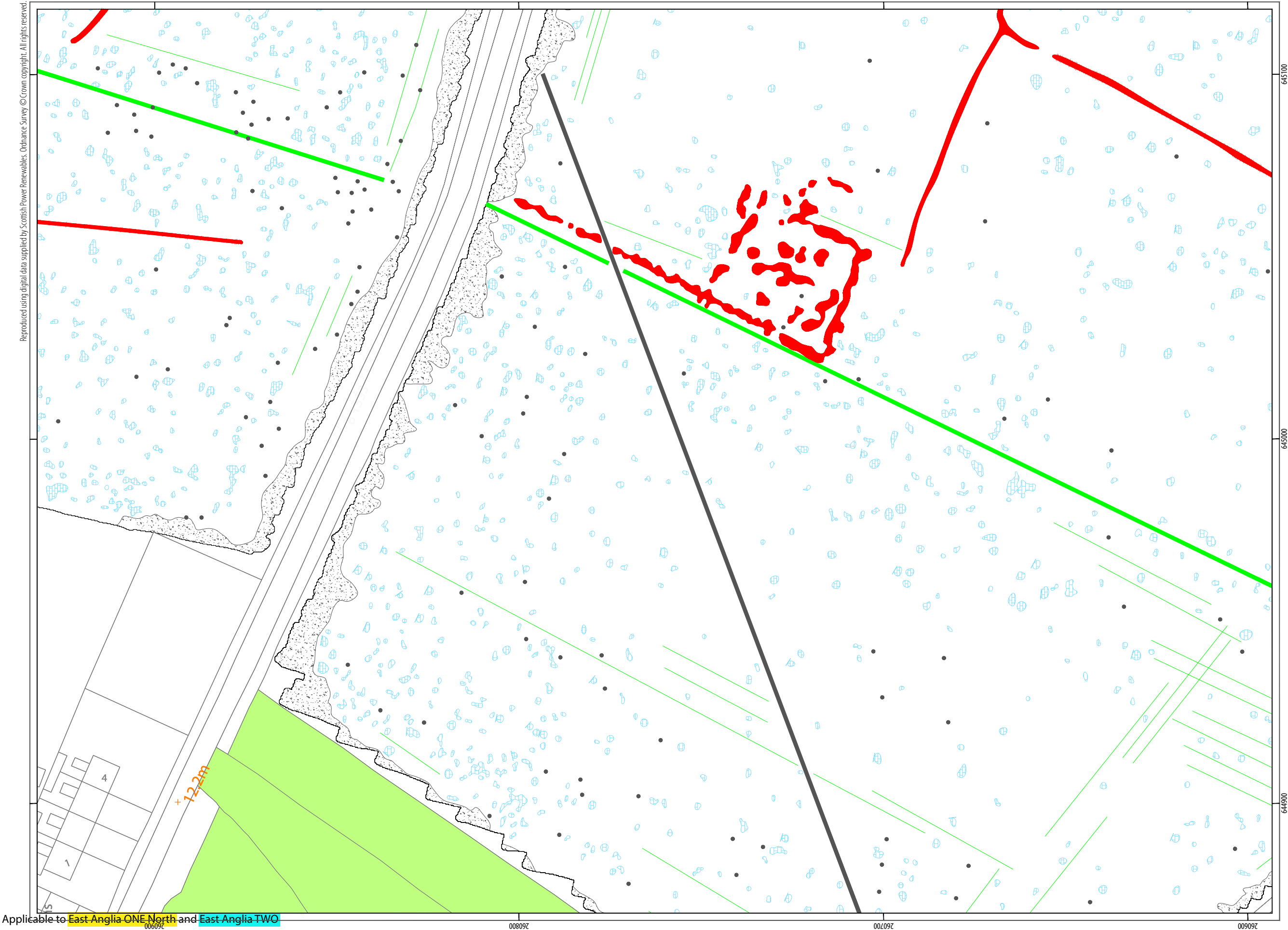
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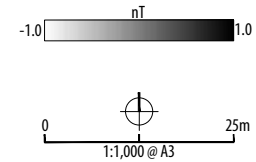
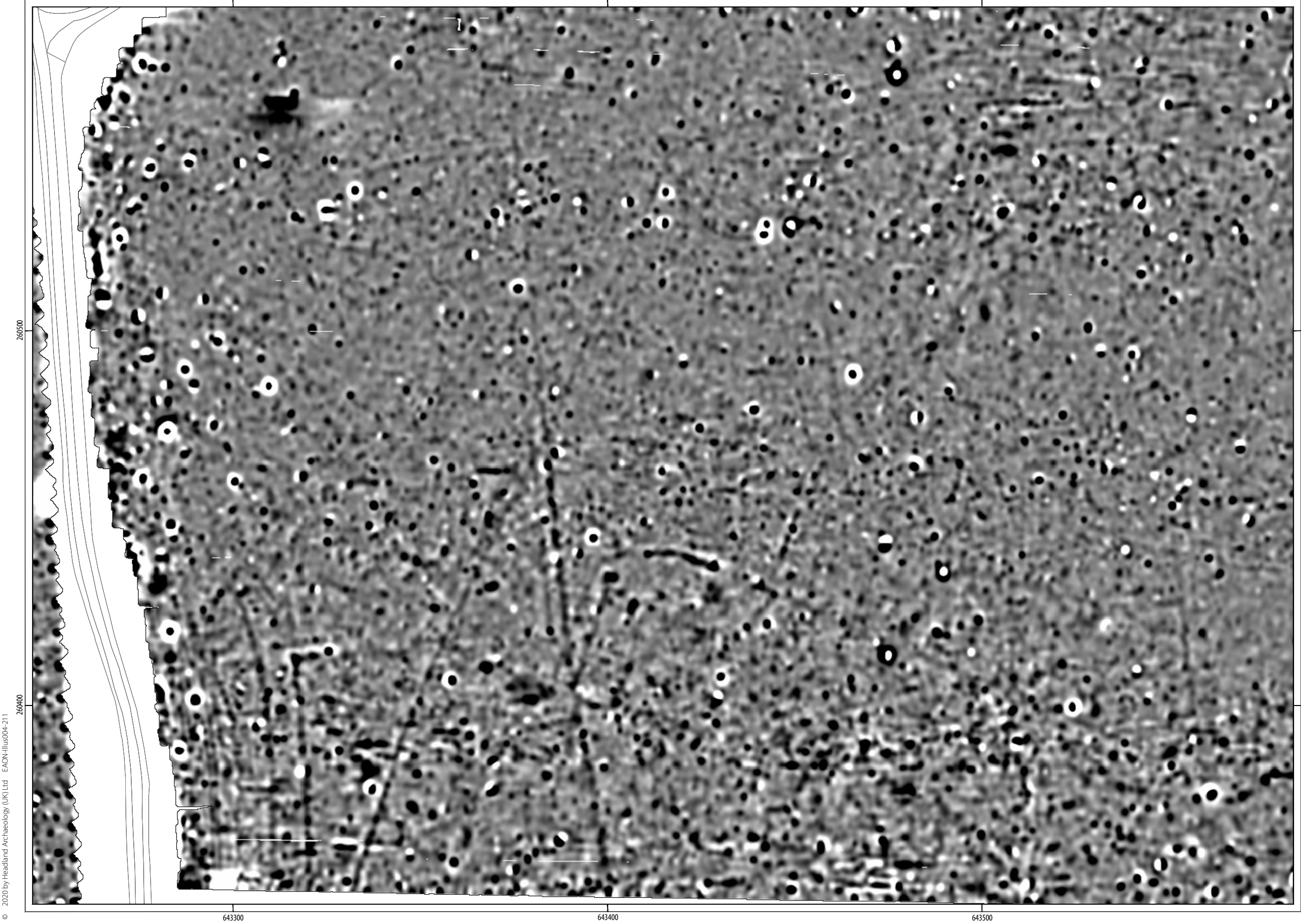
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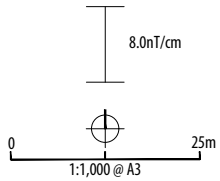
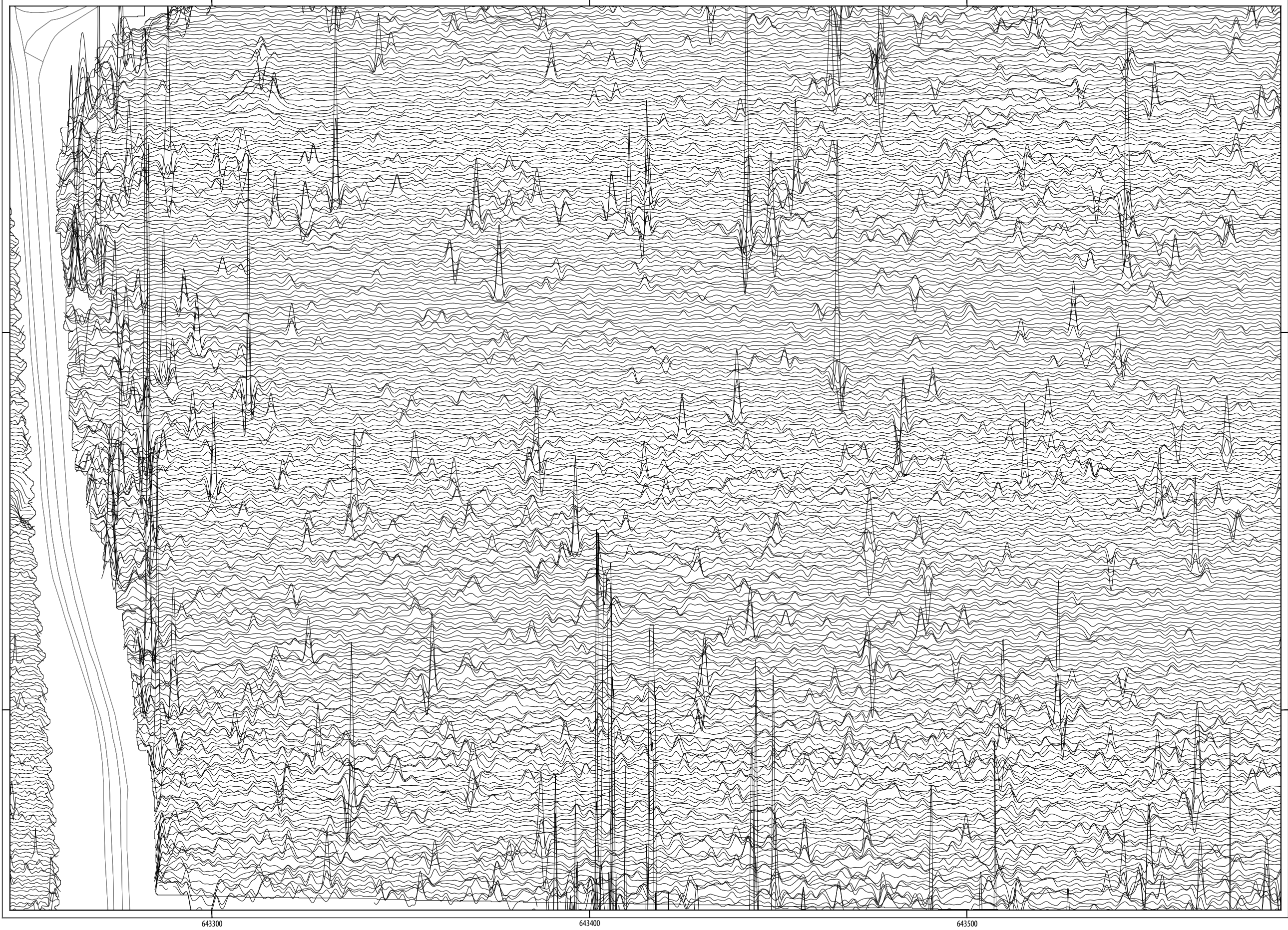


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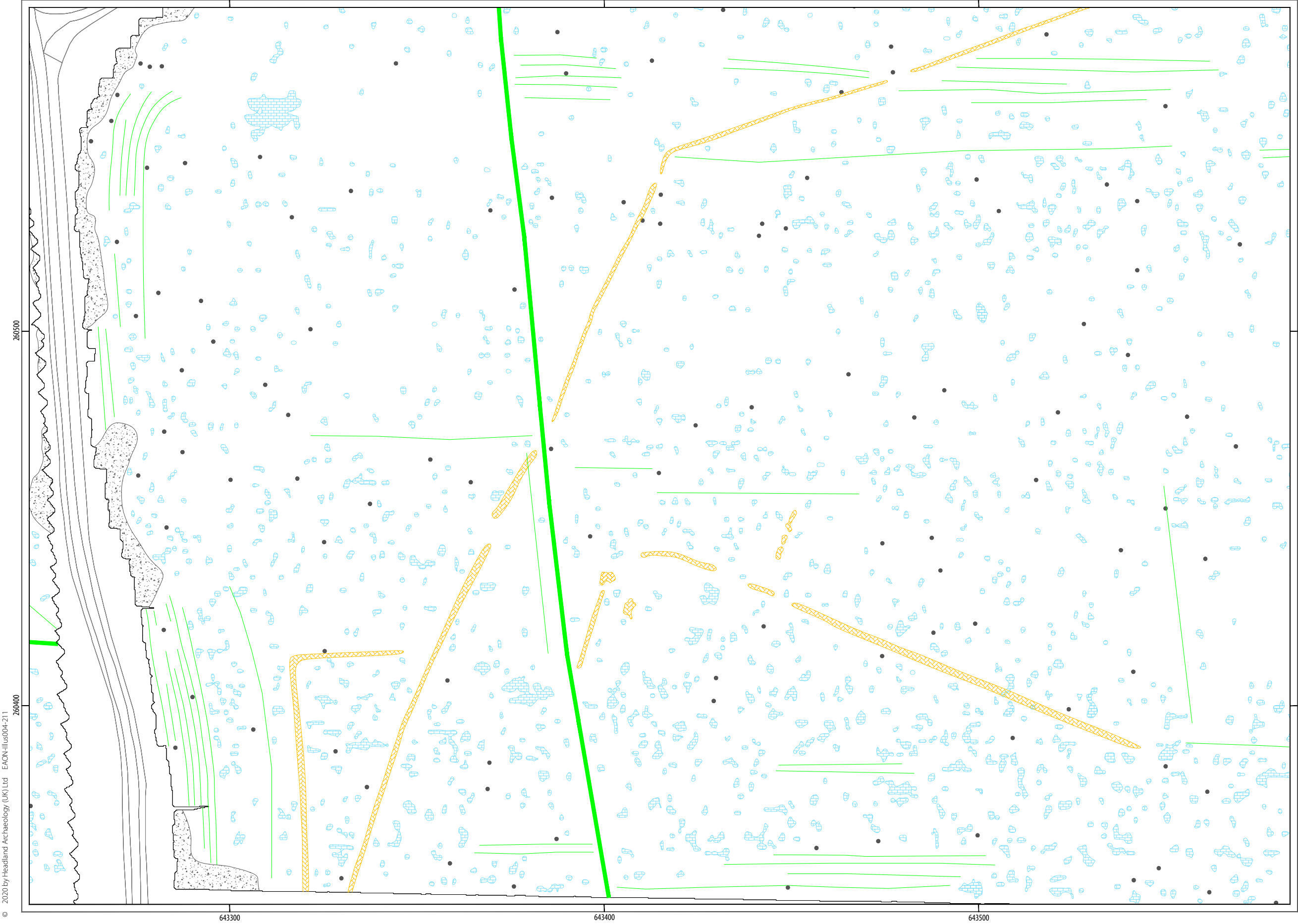
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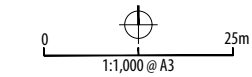
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TYPE OF ANOMALY	INTERPRETATION
dipolar isolated	ferrous material
magnetic disturbance	ferrous material
linear trend	agricultural
linear	former field boundary
magnetic enhancement	geology
magnetic enhancement	archaeology?



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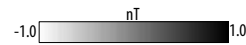
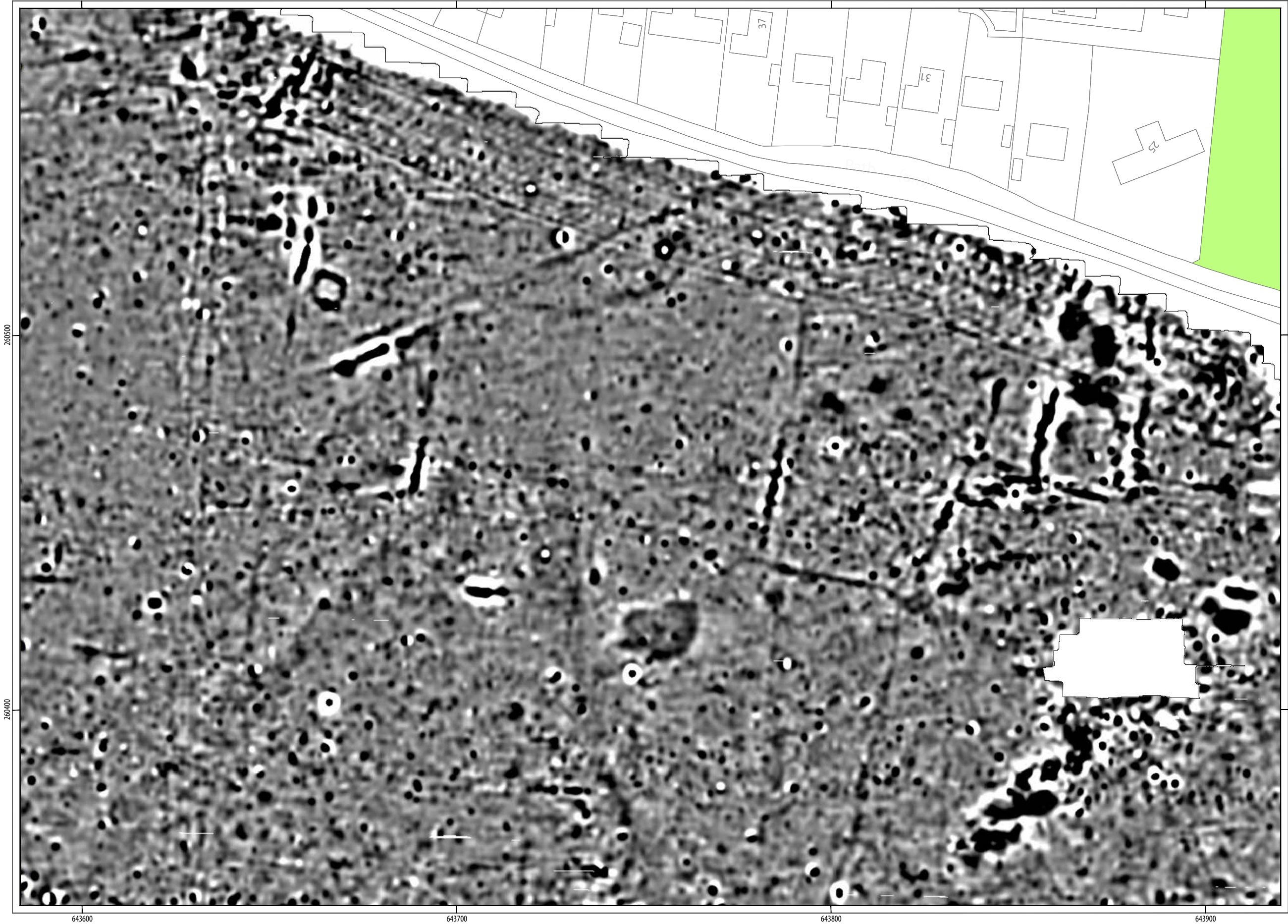


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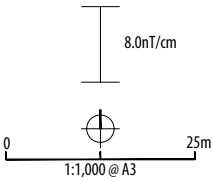
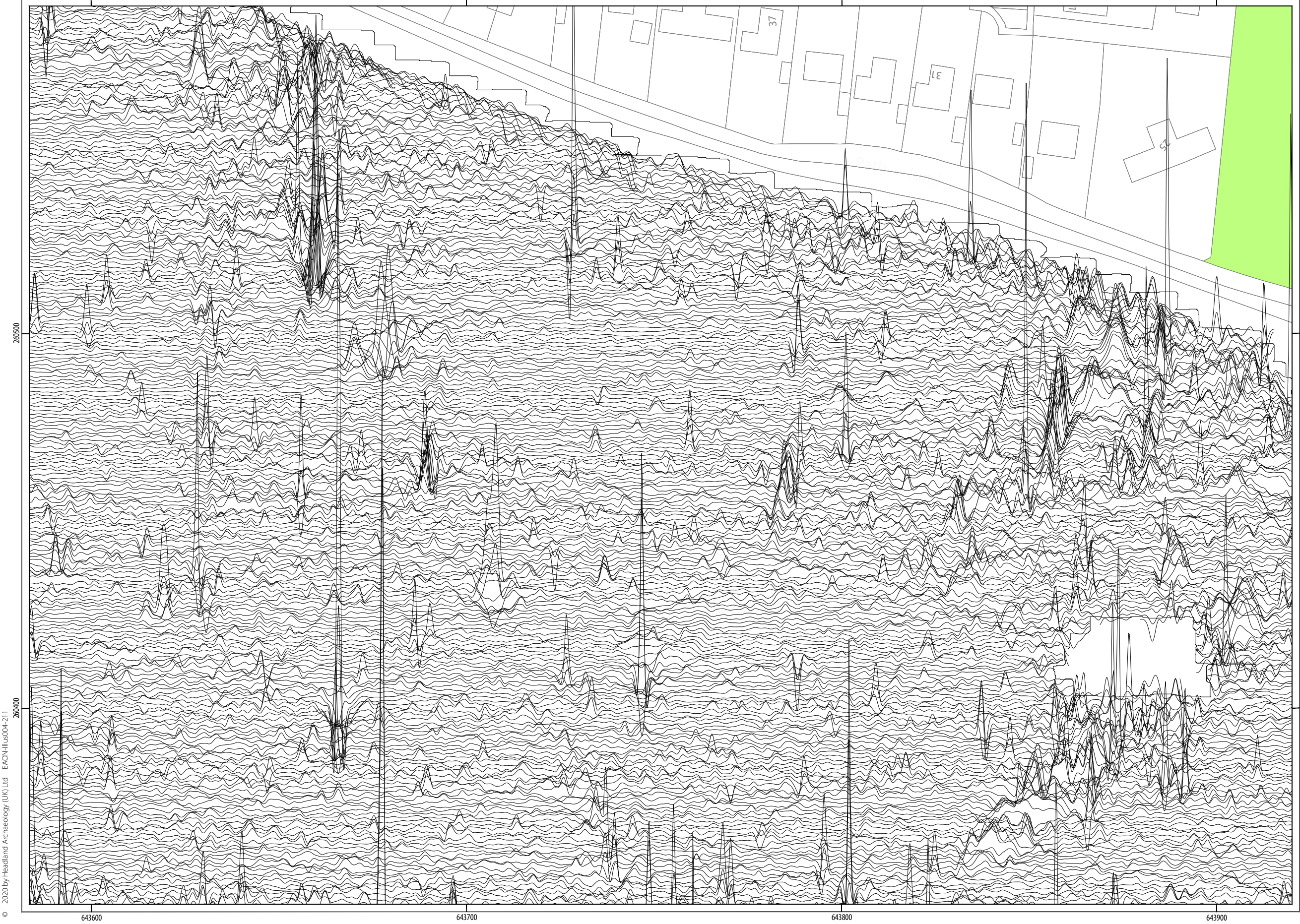
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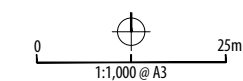
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This is a geological map of a coastal region. The map displays various geological features and structures. Key elements include:

- Geological Features:**
 - Faults:** Indicated by thick red lines, some solid and some dashed, showing various orientations across the map.
 - Stratigraphic Units:** Represented by green lines, some horizontal and some following the coastline, indicating different geological layers.
 - Rock Types:** Different colors and patterns represent various geological materials:
 - Blue:** Numerous small, irregular shapes scattered throughout the central and lower portions of the map.
 - Orange:** Larger, more irregular shapes, some with a cross-hatch pattern, located primarily in the upper right and middle right sections.
 - Purple:** Irregular shapes in the lower right quadrant.
 - Green:** A solid green area in the top right corner, possibly representing a specific geological unit or vegetation.
- Infrastructure and Landmarks:**
 - Coastline:** A grey, stepped line representing the shoreline runs along the top and right edges.
 - Road/Railway:** A light grey line runs parallel to the coastline at the top of the map.
 - Buildings:** Several rectangular structures are shown, some labeled with numbers: 37, 31, and 25.
 - Water Bodies:** A blue line in the lower left suggests a water channel or inlet.
- Coordinate System:**
 - X-axis (Horizontal):** Labeled with values 643600, 643700, 643800, and 643900.
 - Y-axis (Vertical):** Labeled with values 260400 and 260500.

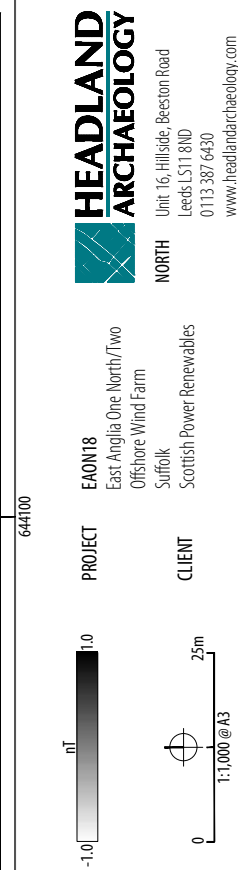
TYPE OF ANOMALY	INTERPRETATION
 dipolar isolated	ferrous material
 magnetic disturbance	ferrous material
 magnetic disturbance	quarrying
 linear trend	agricultural
 linear	former field boundary
 magnetic enhancement	geology
 linear trend	geological variation
 magnetic enhancement	archaeology?
 magnetic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

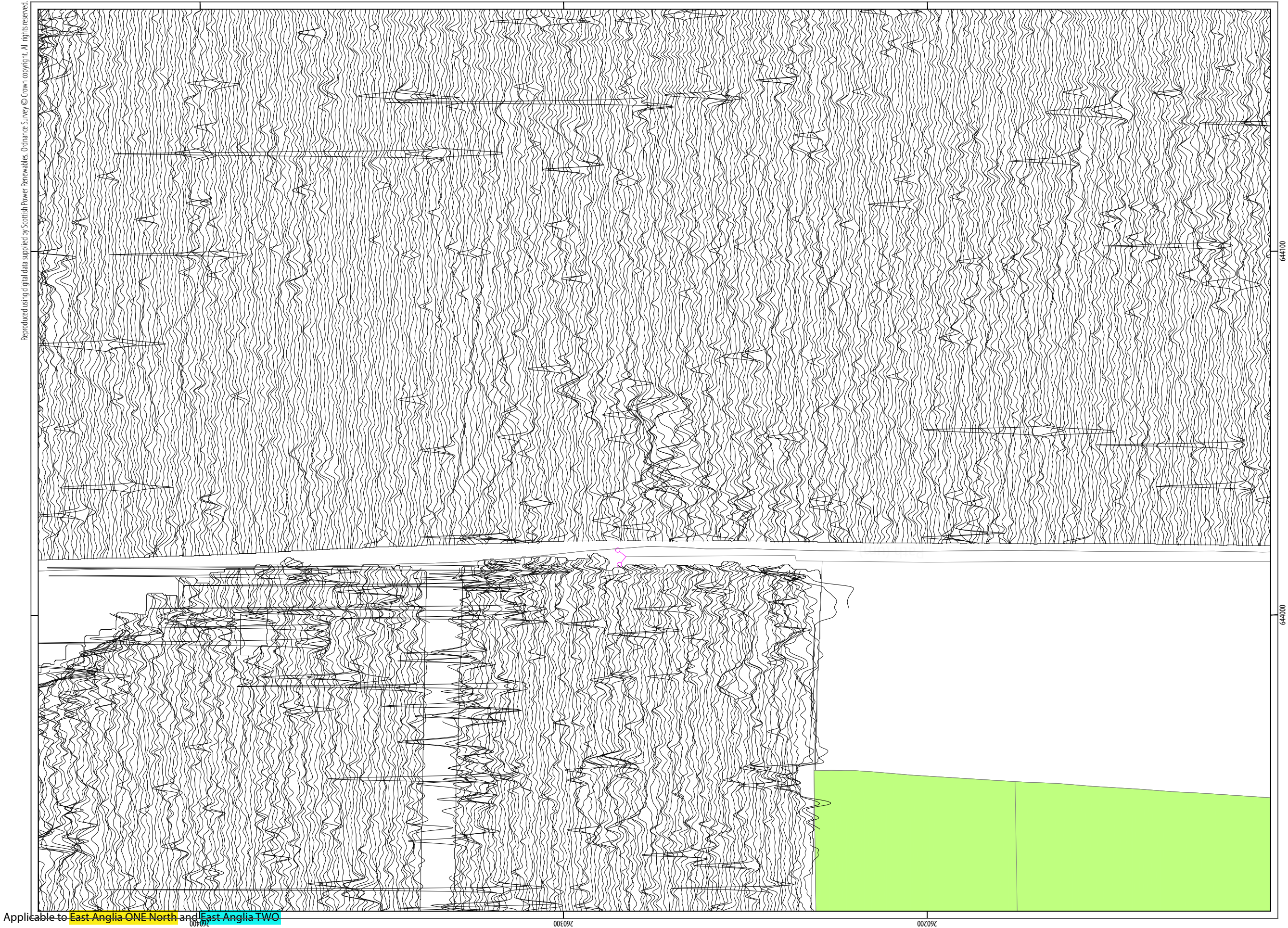


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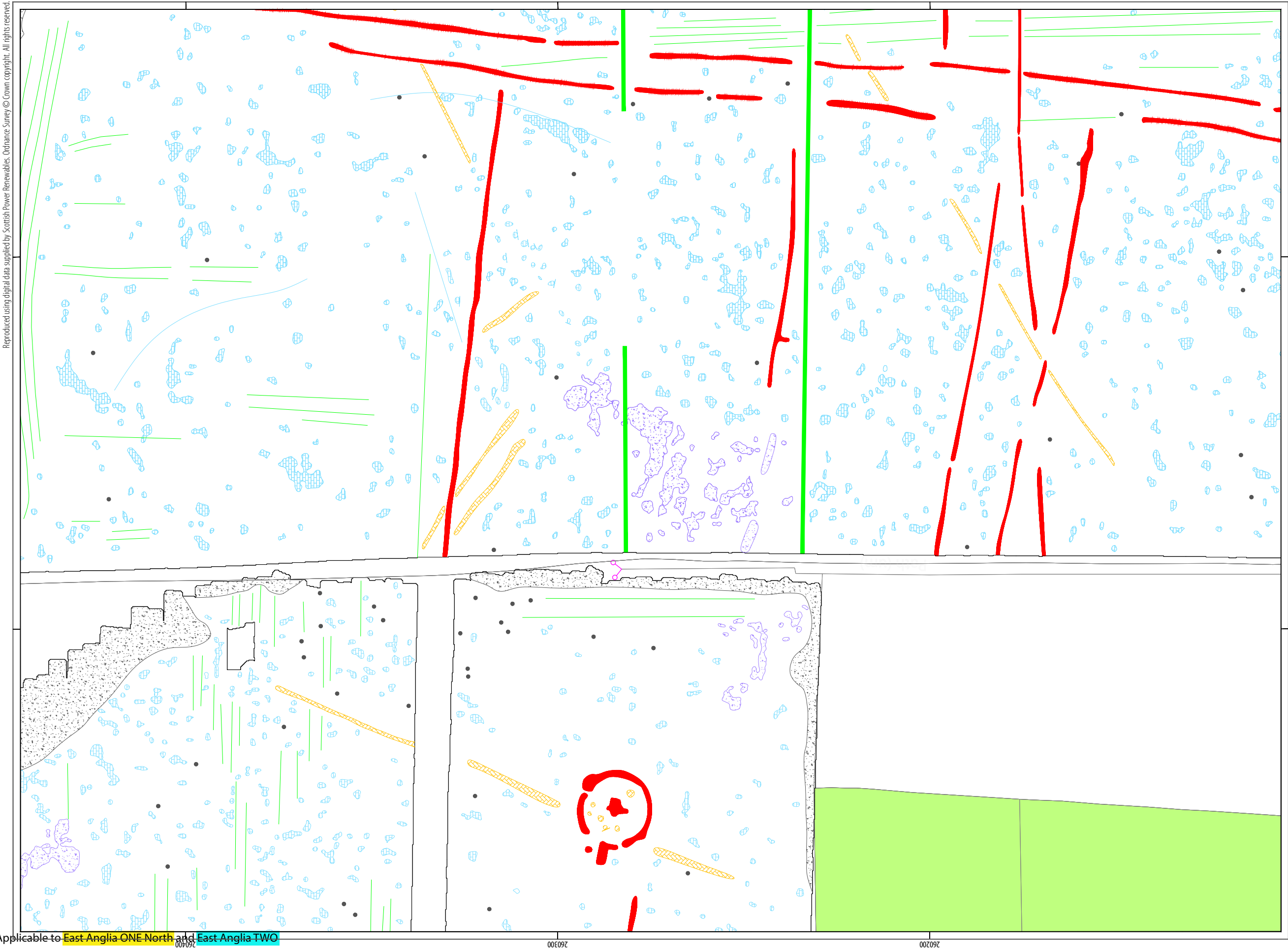
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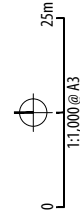


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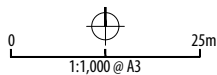
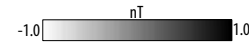
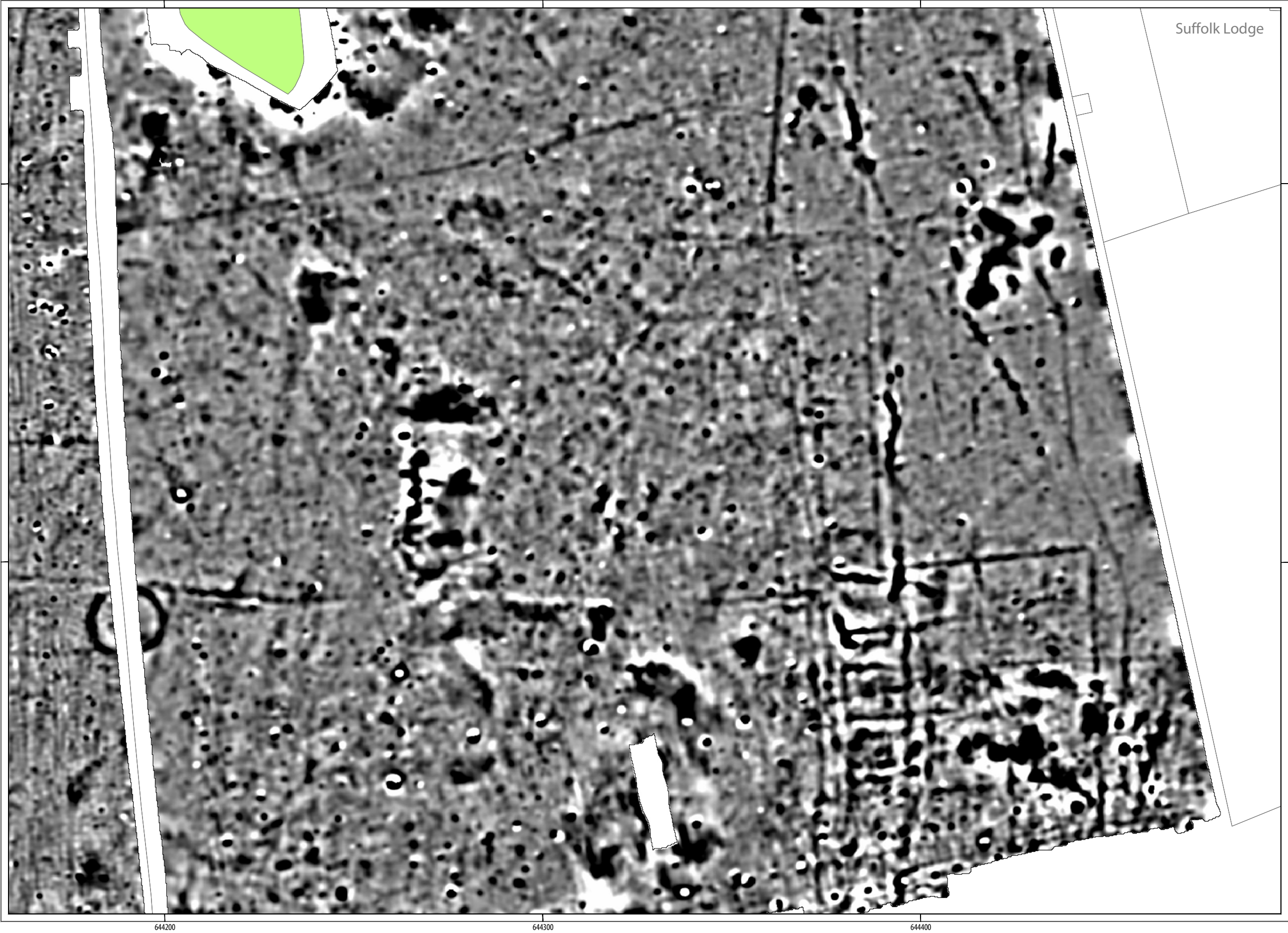
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TYPE OF ANOMALY	INTERPRETATION
magnetic enhancement	geology
linear trend	geological variation
magnetic enhancement	archaeology?
magnetic enhancement	archaeology

TYPE OF ANOMALY	INTERPRETATION
dipolar isolated	ferrous material
magnetic disturbance	ferrous material
dipolar linear	service pipe
magnetic disturbance	quarrying
linear trend	agricultural
linear	former field boundary



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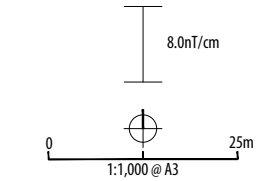
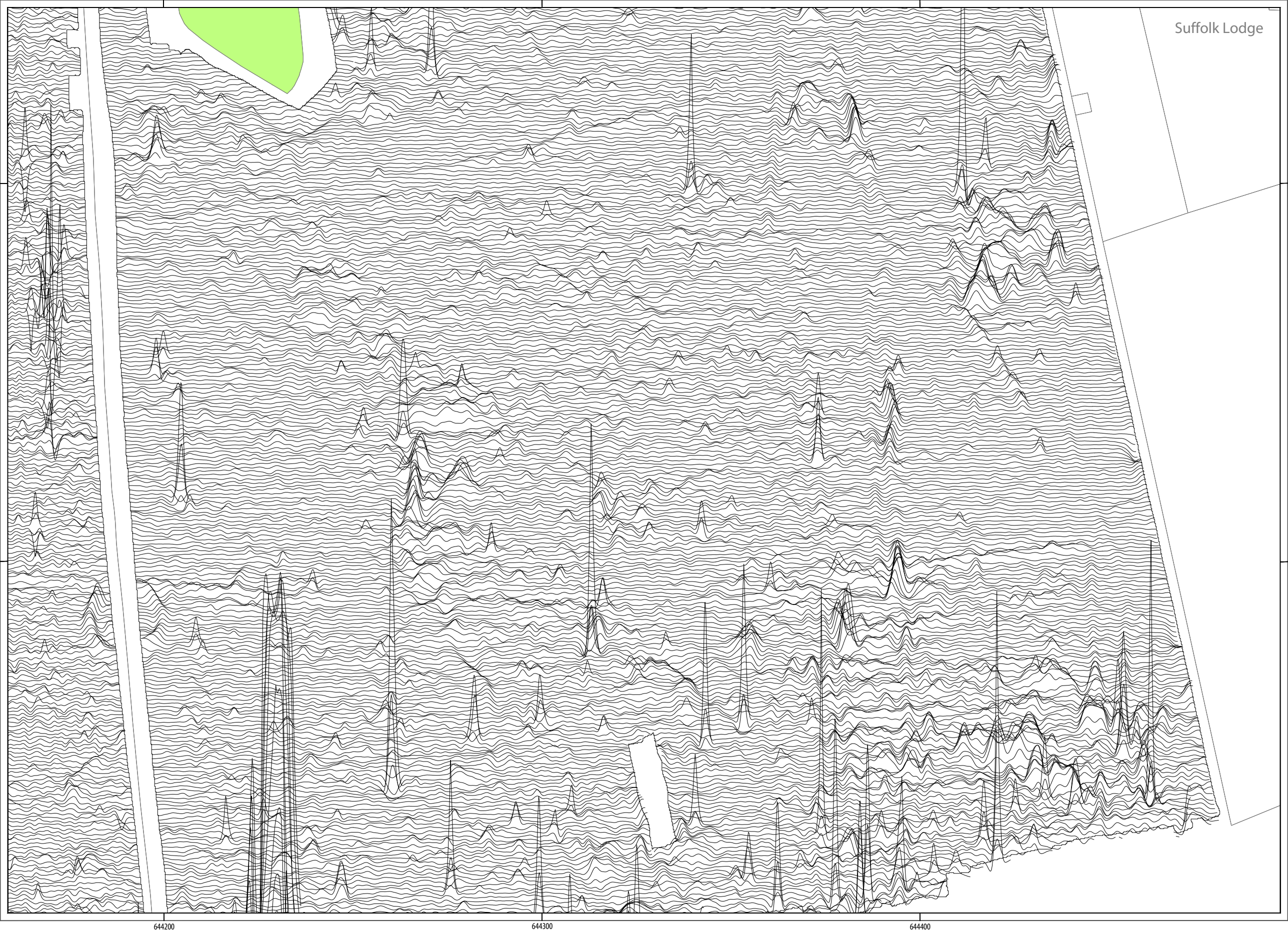
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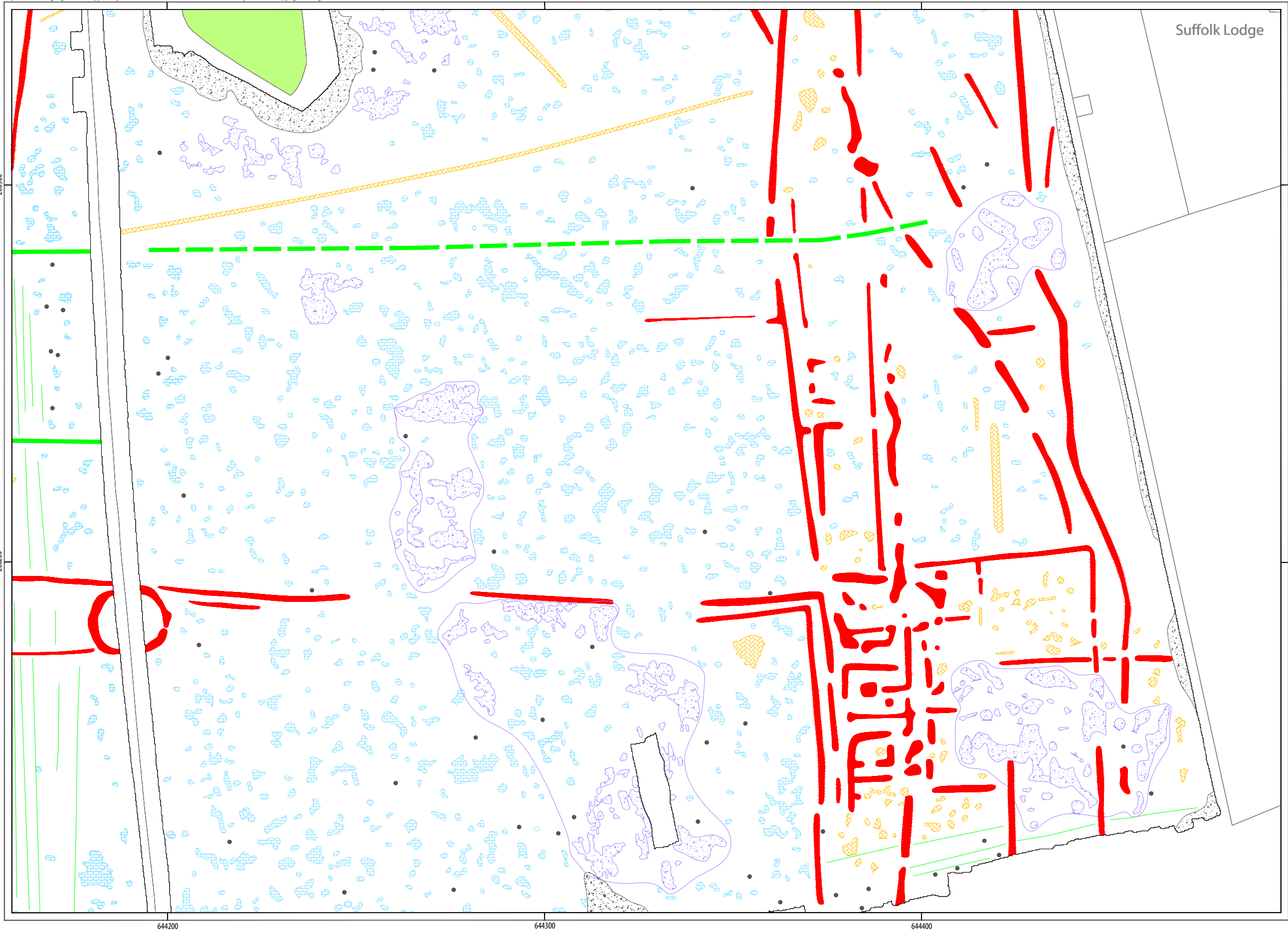
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● magnetic disturbance	ferrous material
● magnetic disturbance	quarrying
— linear trend	agricultural
— linear	former field boundary
— linear	former field boundary?
● magnetic enhancement	geology
— linear trend	geological variation
● magnetic enhancement	archaeology?
● magnetic enhancement	archaeology



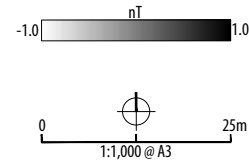
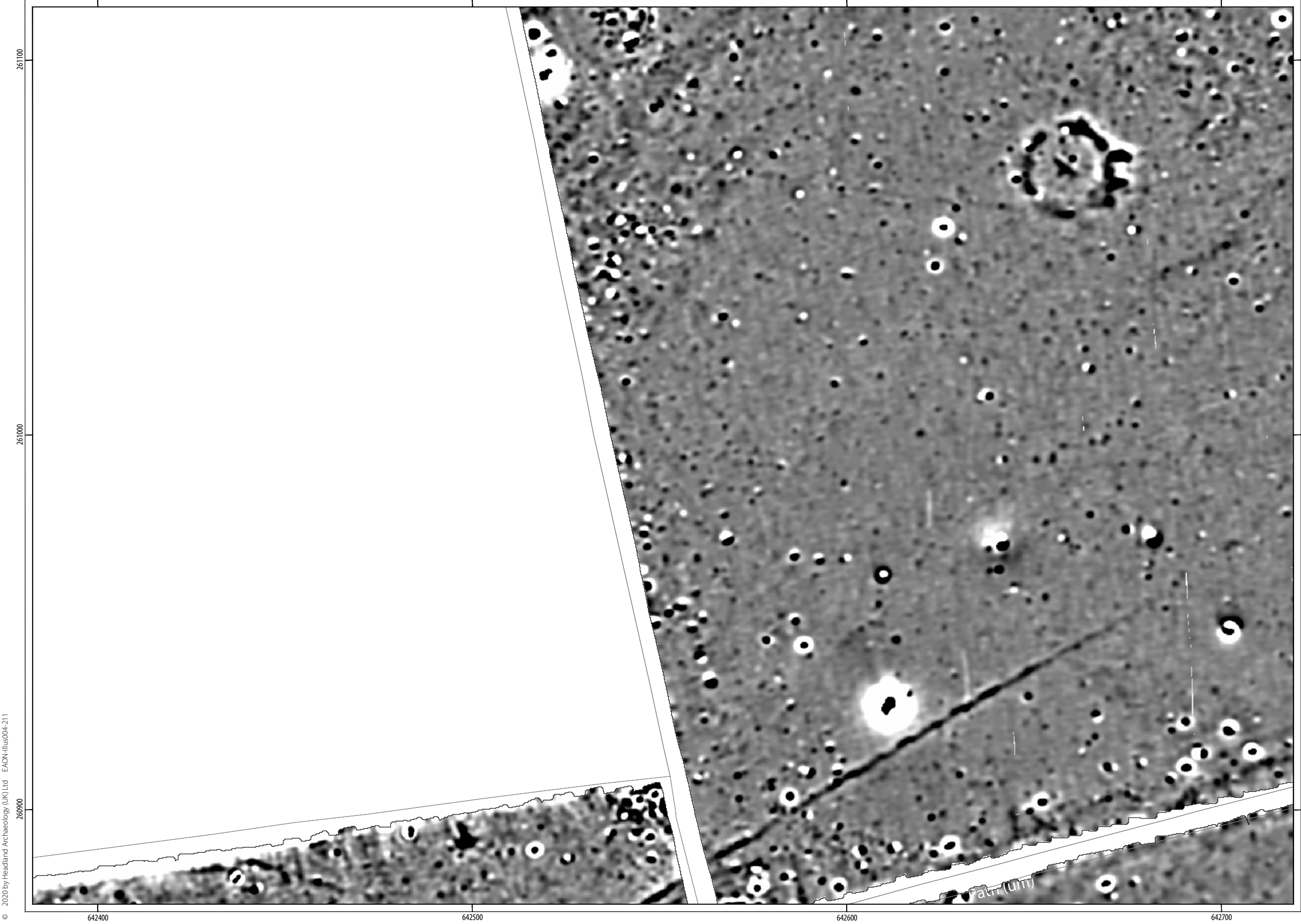
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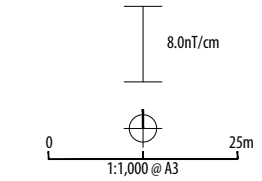
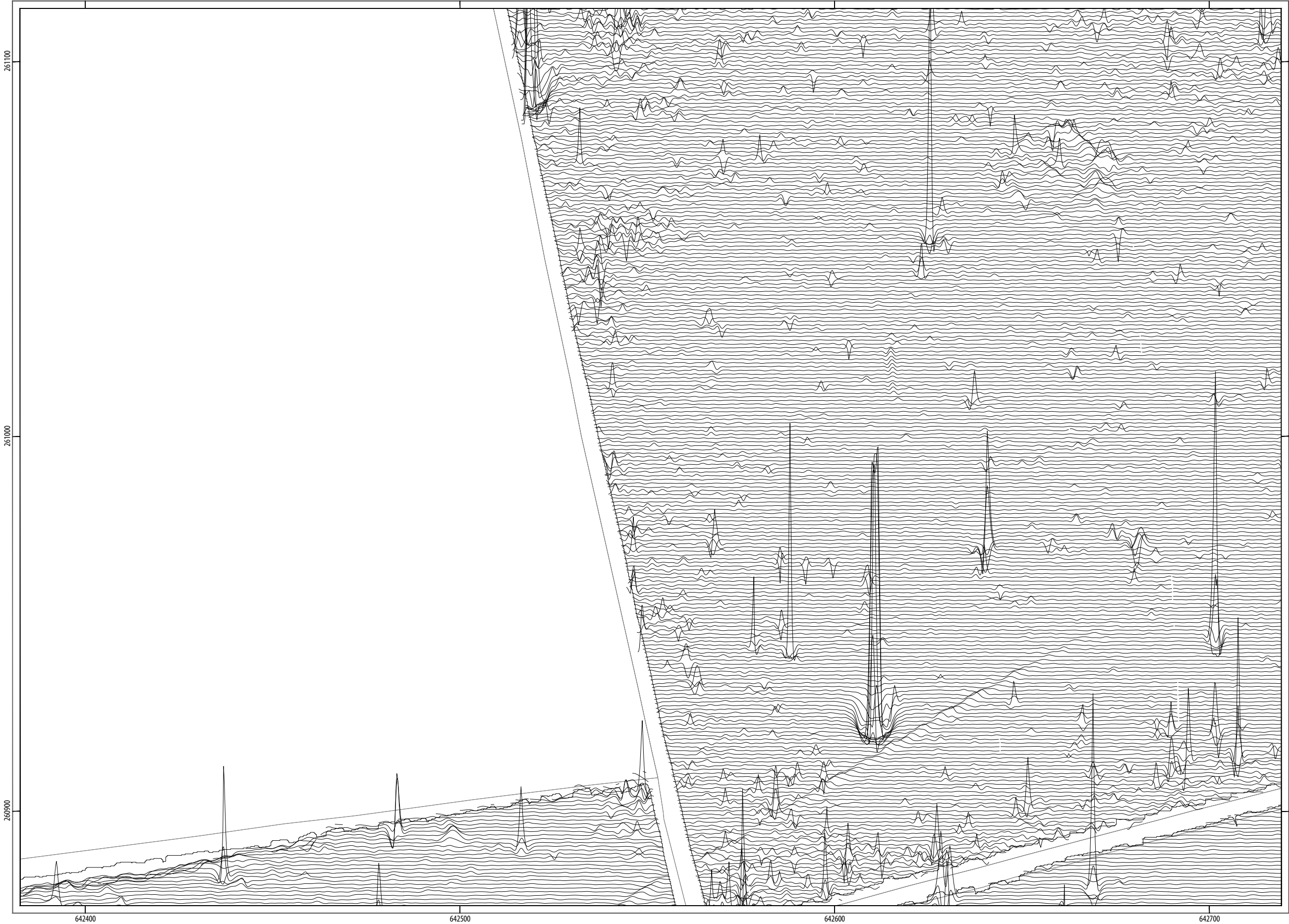


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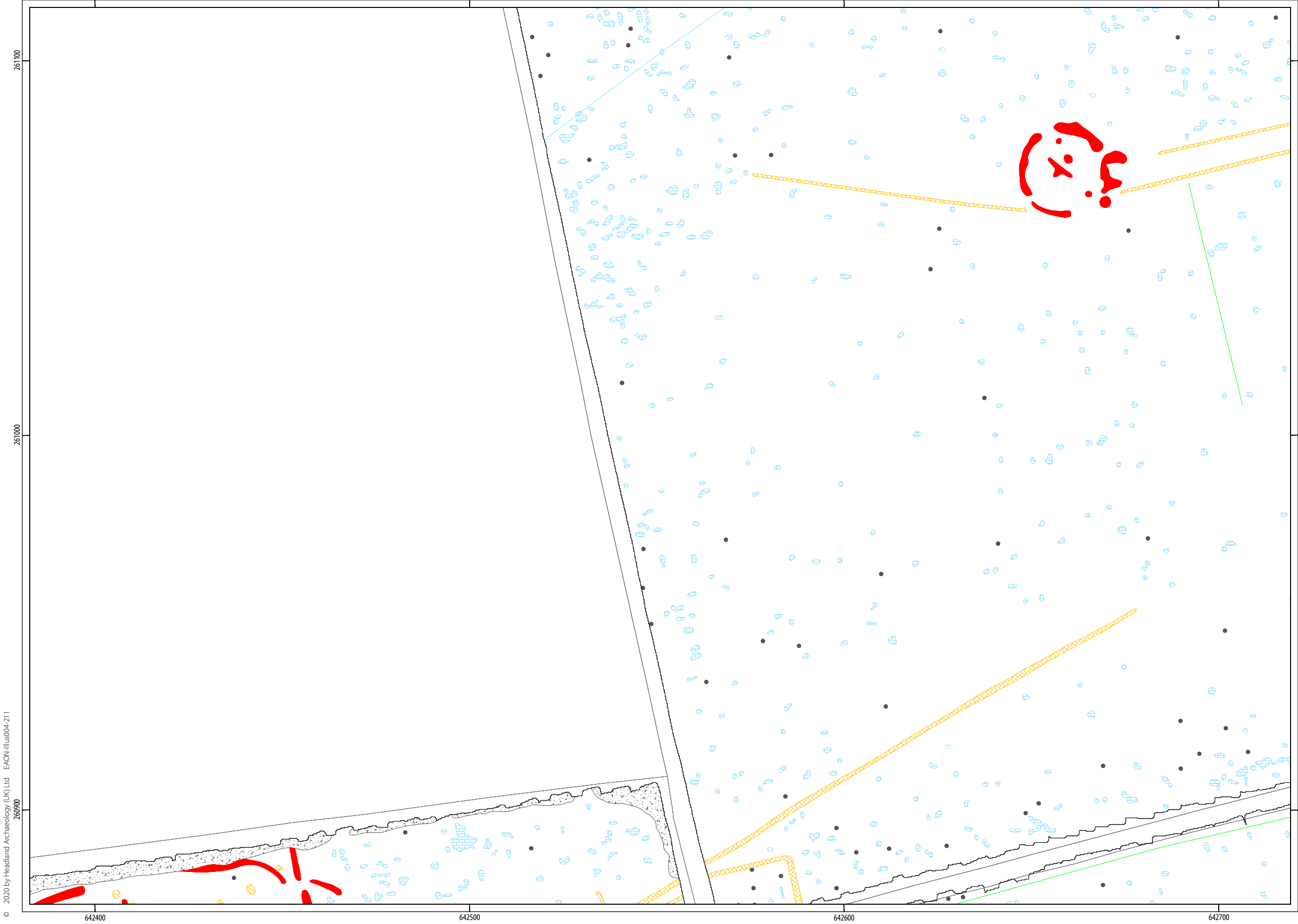
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linear trend	geological variation
magnetic enhancement	archaeology?
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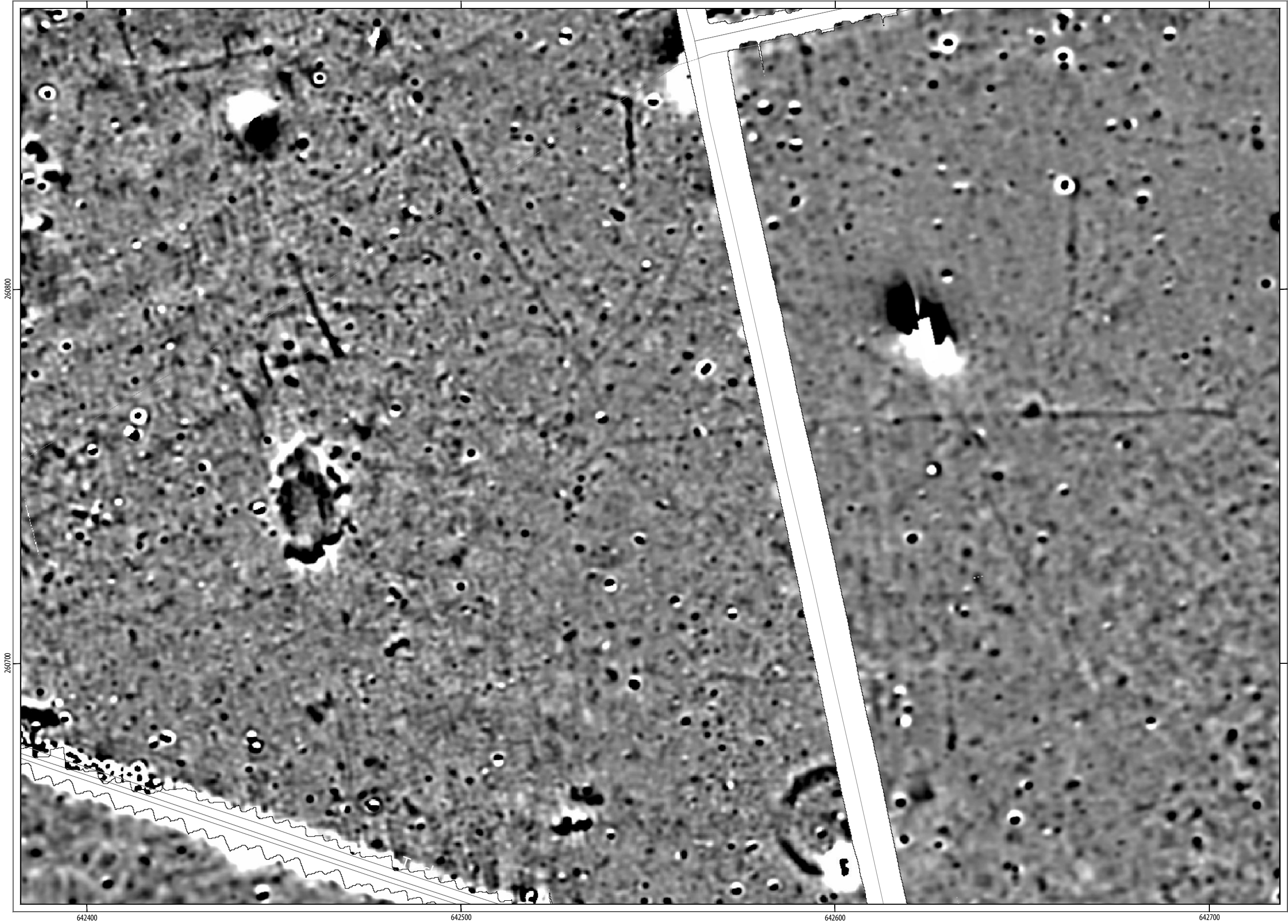
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ILLUS 162 Interpretation of magnetometer data: AAA6/7-S17-25
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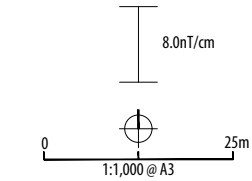
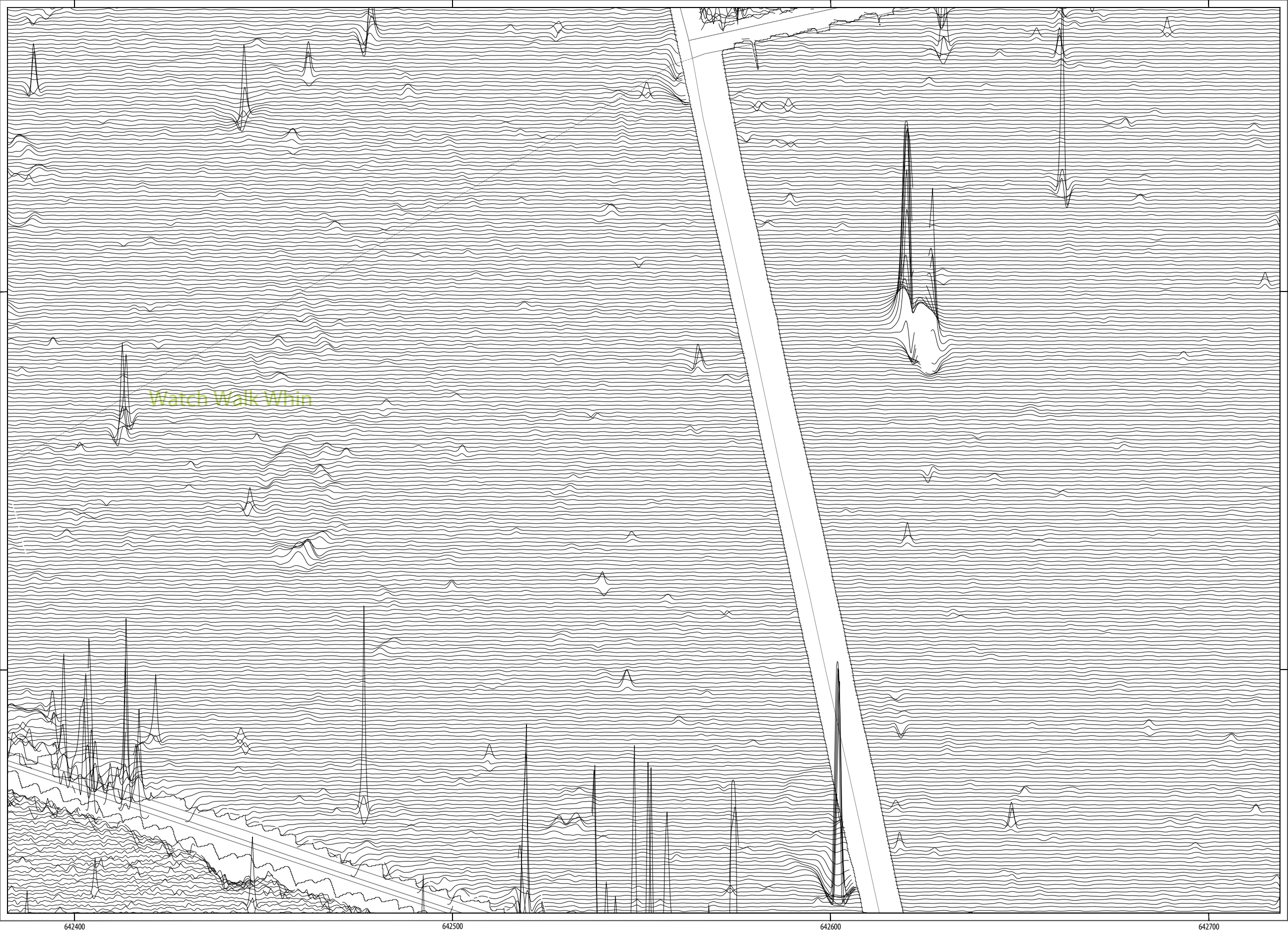
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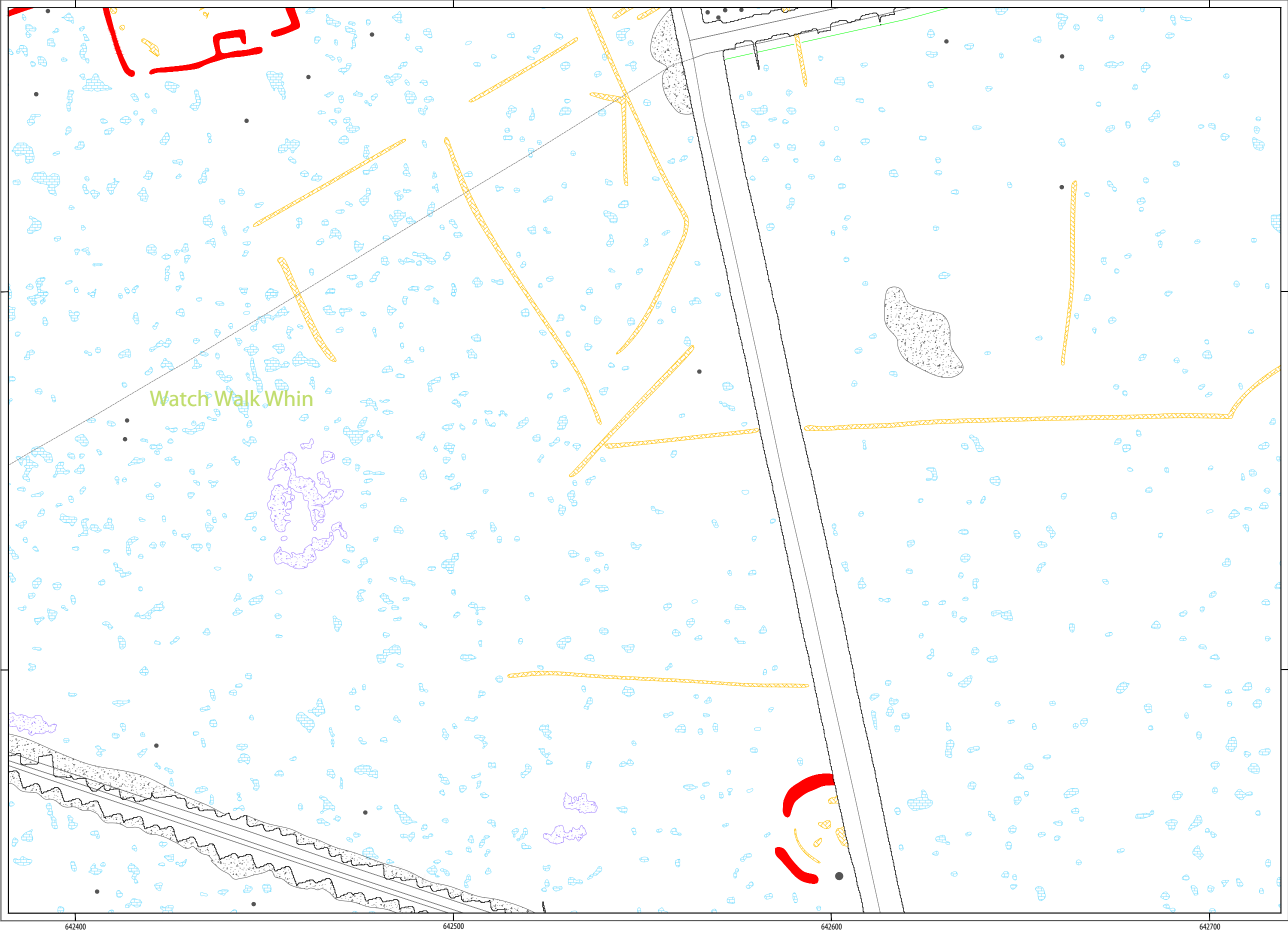


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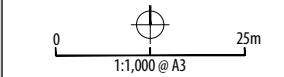
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TYPE OF ANOMALY	INTERPRETATION
● dipolar isolated	ferrous material
● magnetic disturbance	ferrous material
● magnetic disturbance	quarrying
— linear trend	agricultural
■ magnetic enhancement	geology
■ magnetic enhancement	archaeology?
■ magnetic enhancement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



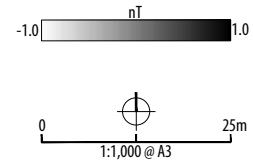
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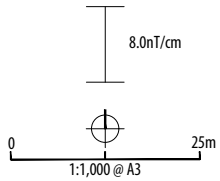
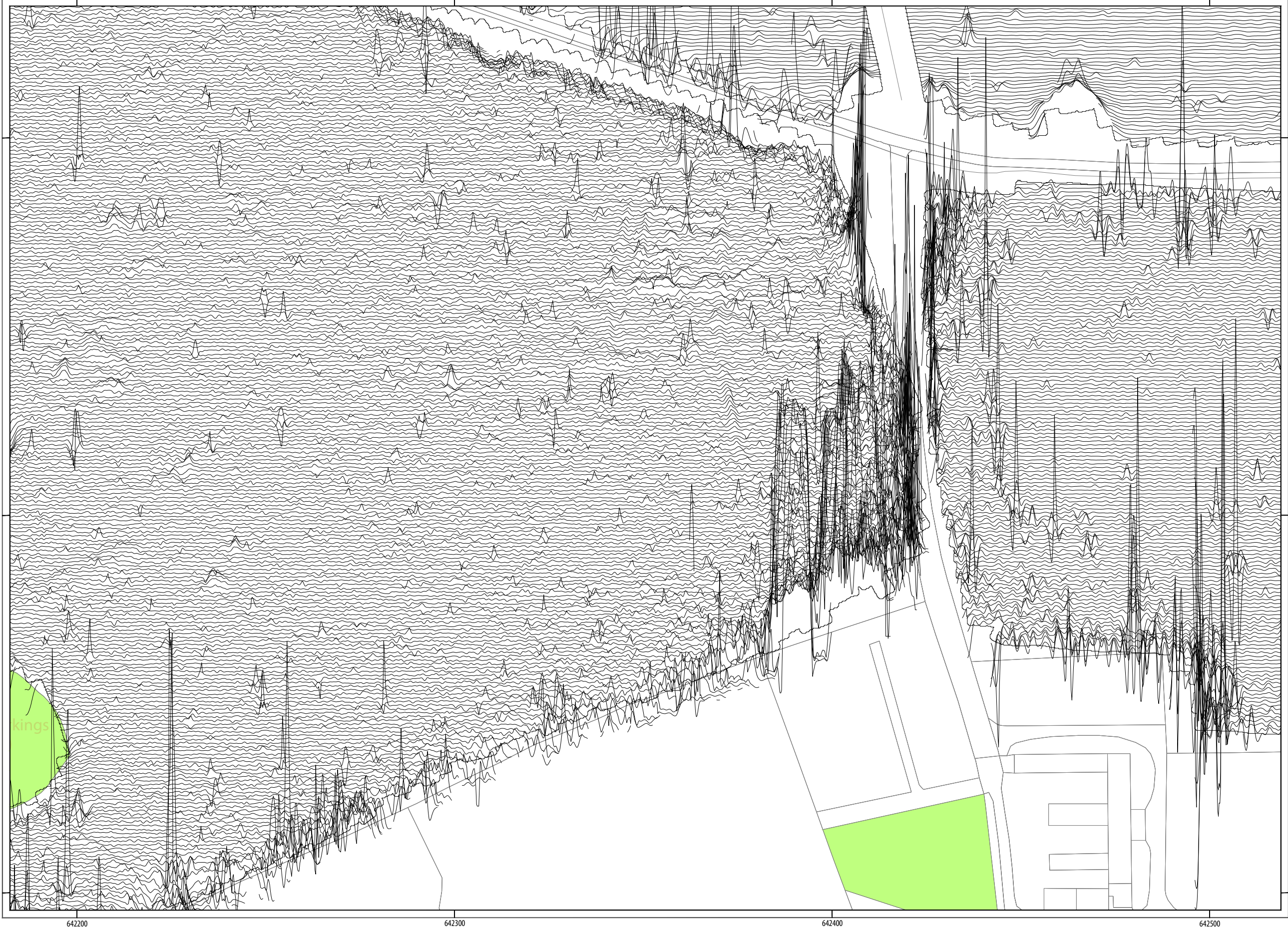


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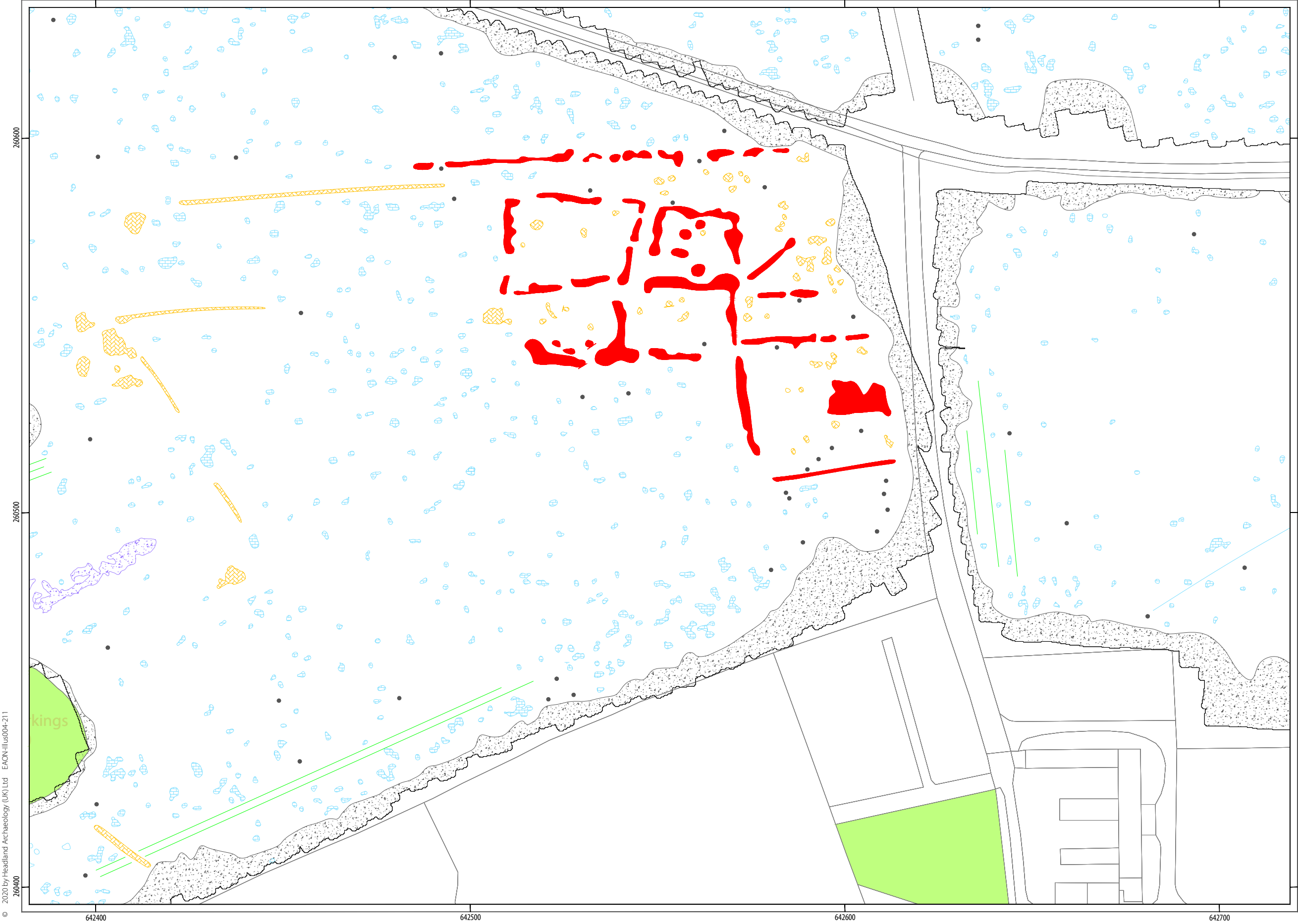
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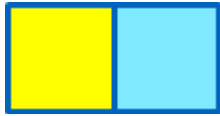


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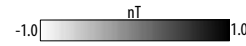


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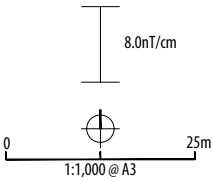
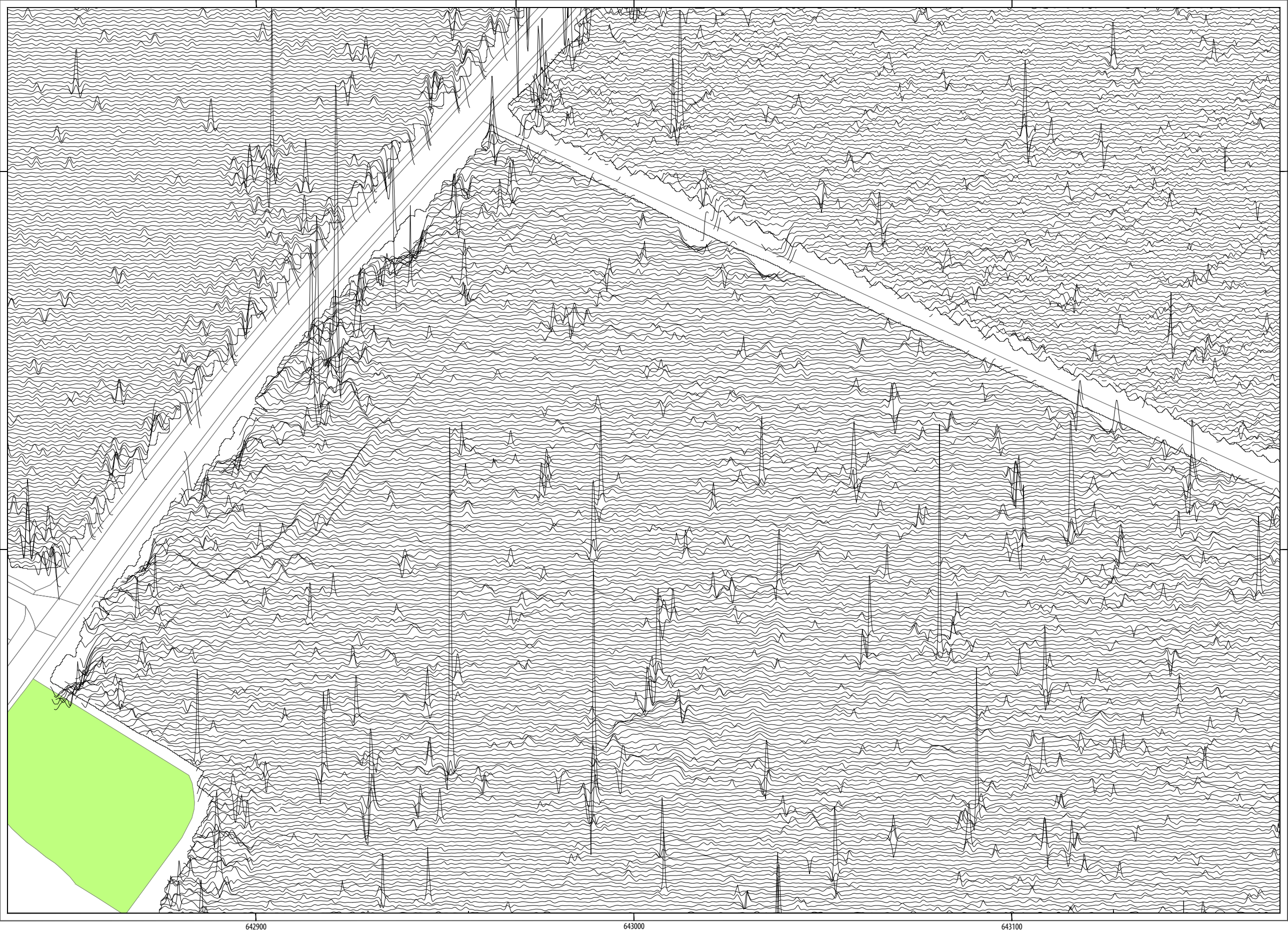
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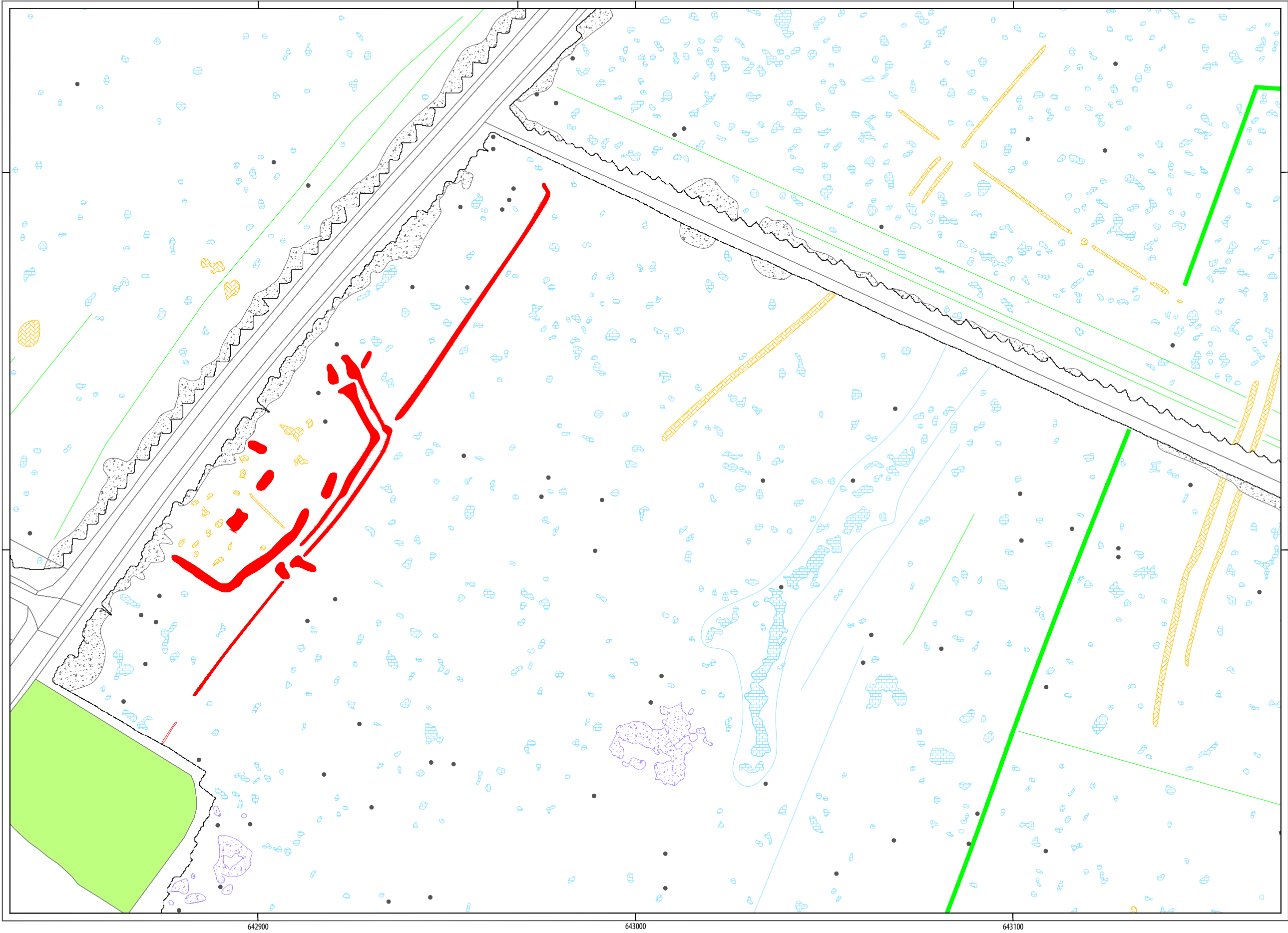
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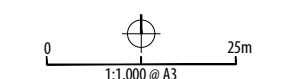
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dipolar isolated	ferrous material
magnetic disturbance	ferrous material
magnetic disturbance	quarrying
linear trend	agricultural
linear	former field boundary
magnetic enhancement	geology
linear trend	geological variation
magnetic enhancement	archaeology?
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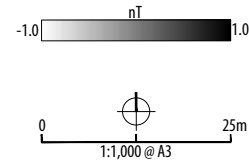
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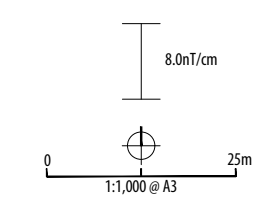
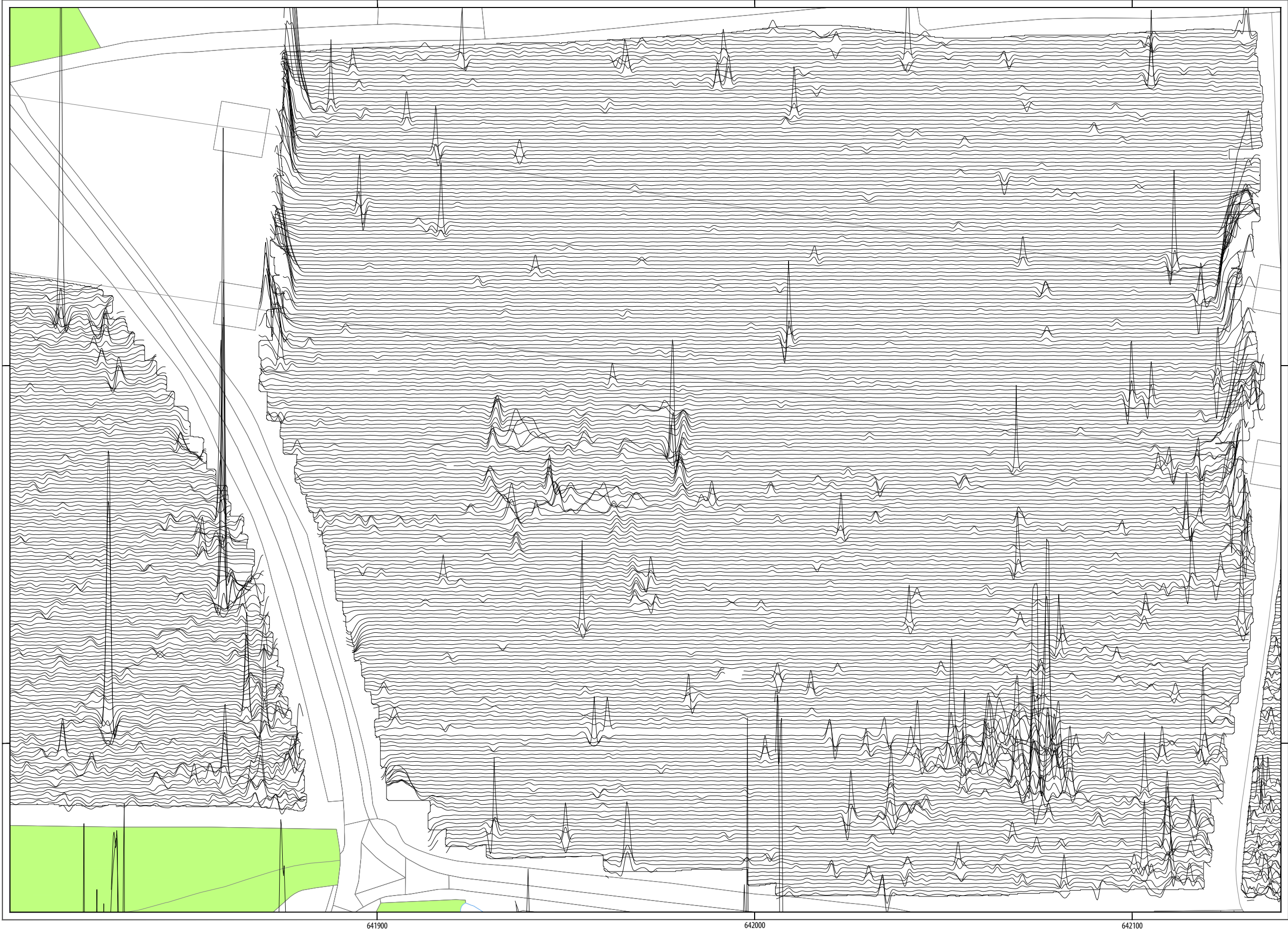


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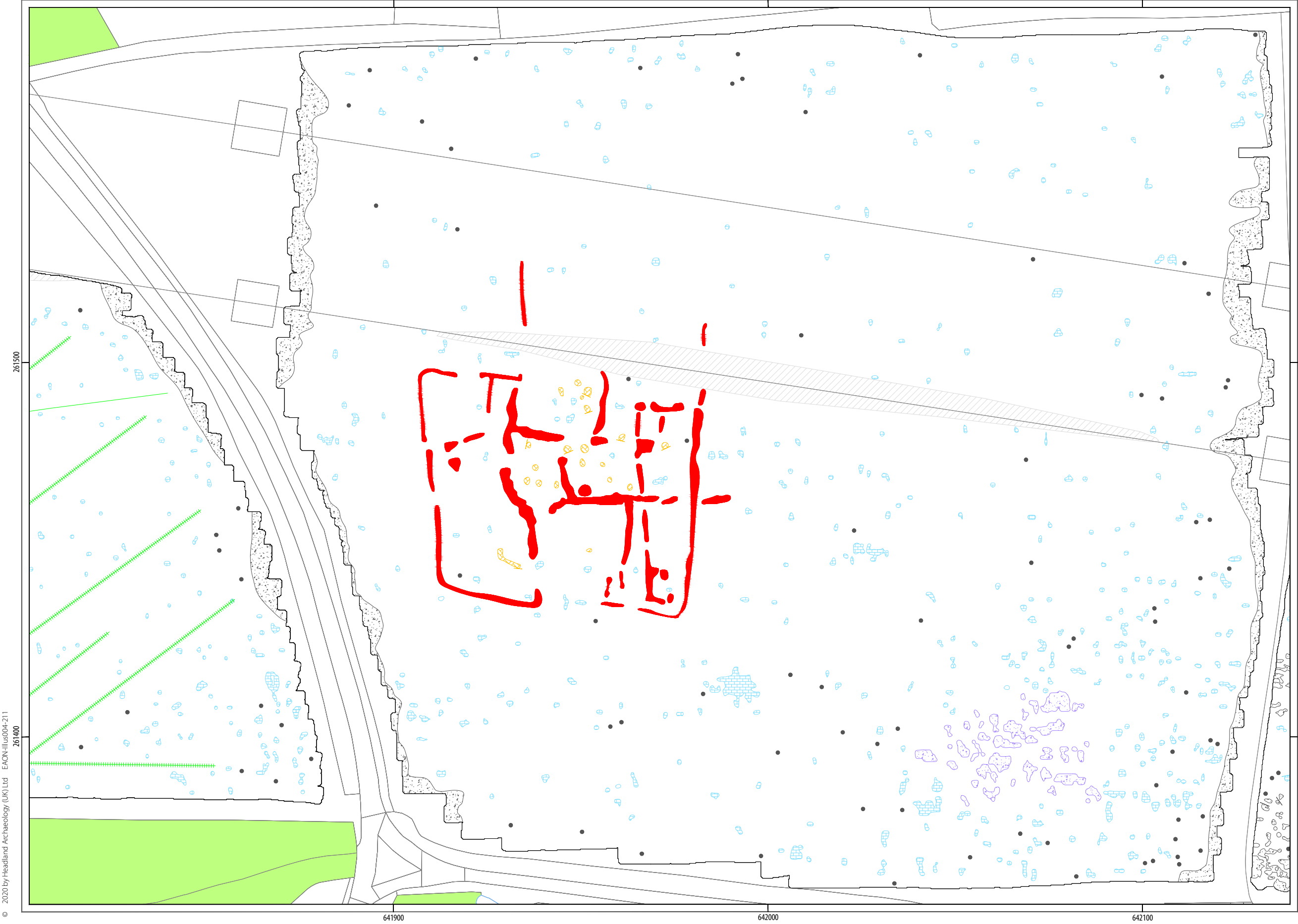


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TYPE OF ANOMALY	INTERPRETATION
dipolar isolated	ferrous material
magnetic disturbance	ferrous material
magnetic disturbance	quarrying
null value	overhead cables
linear trend	agricultural
linear trend	field drain
magnetic enhancement	geology
magnetic enhancement	archaeology?
magnetic enhancement	archaeology

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1:1,000 @ A3

PROJECT EAON18
East Anglia One North/Two
Offshore Wind Farm
Suffolk

CLIENT Scottish Power Renewables

**HEADLAND
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Applicable to East Anglia ONE North and East Anglia TWO

EAON18
East Anglia One North/Two
Offshore Wind Farm
Suffolk
Scottish Power Renewables

PROJECT

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NORTH

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CLIENT

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