

## East Anglia ONE North Offshore Windfarm

## Appendix 24.4

Proposed Onshore Cable Corridor and Substation Sites: Geophysical Survey Report

## Part 2 of 2

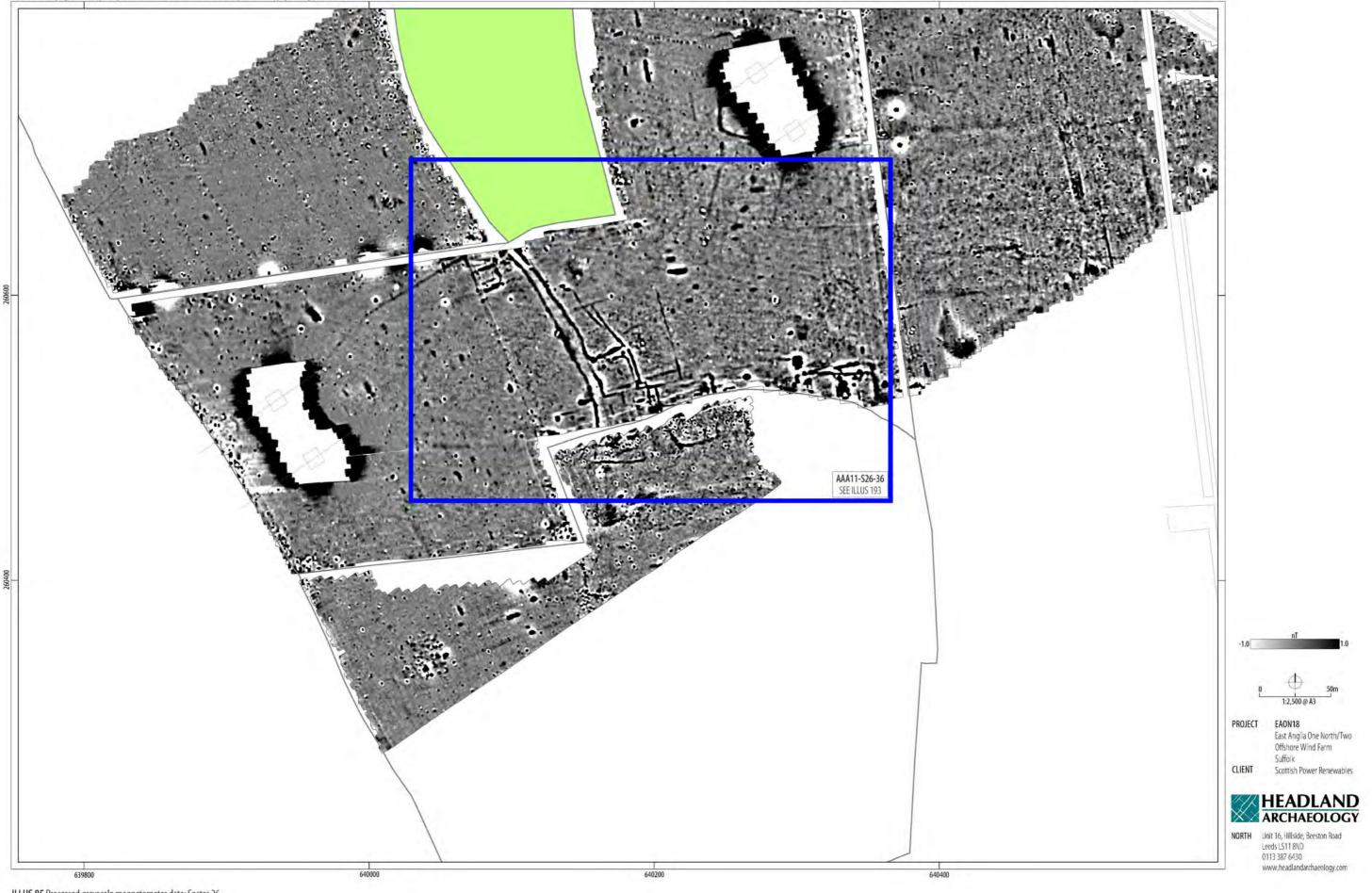
## Environmental Statement Volume 3

Applicant: East Anglia ONE North Limited Document Reference: 6.3.24.4 SPR Reference: EA1N-DWF-ENV-REP-IBR-000361\_004 Rev 01 Pursuant to APFP Regulation: 5(2)(a)

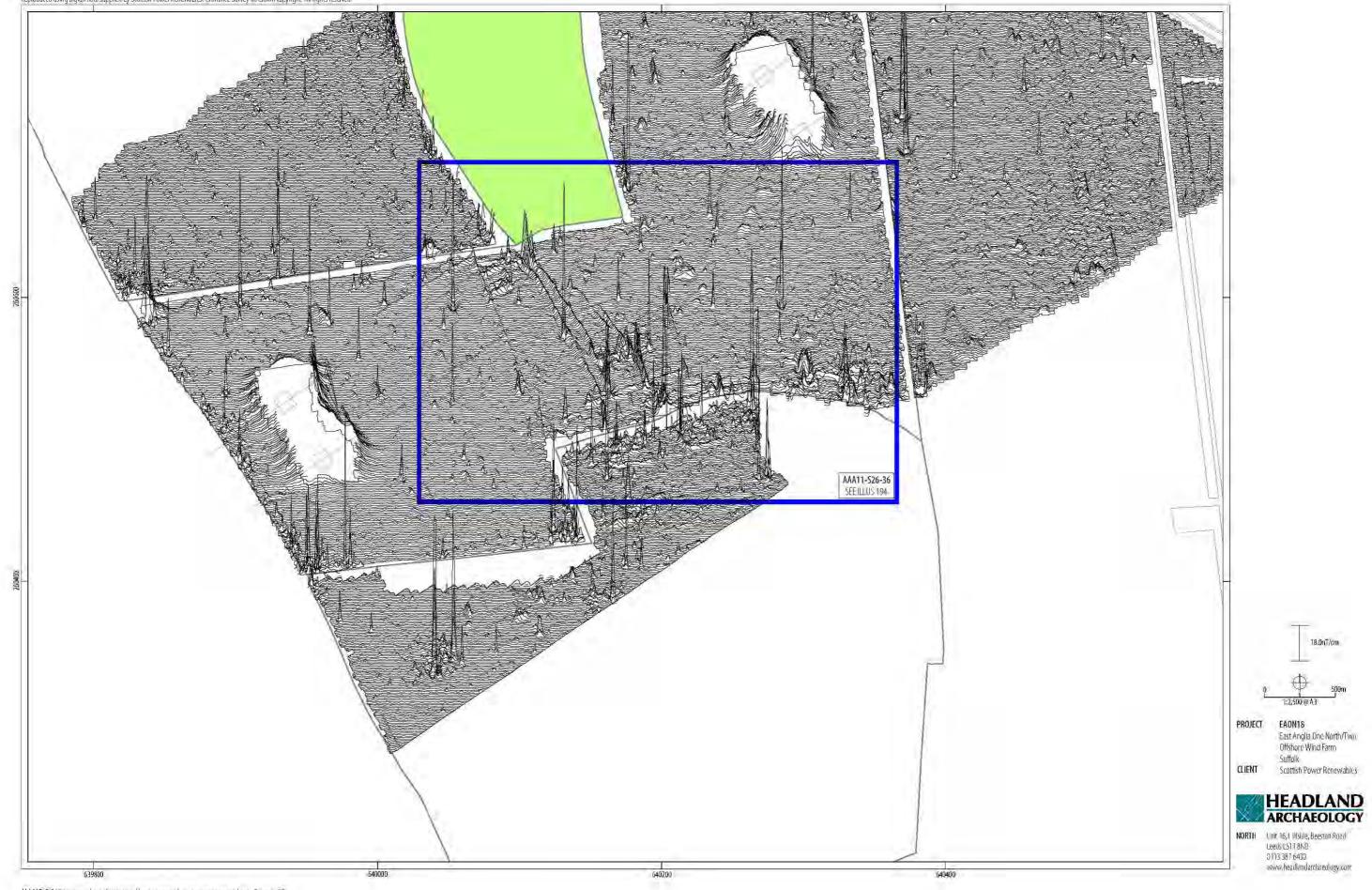
Author: Headland Archaeology Date: October 2019 Revision: Version 1



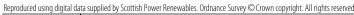
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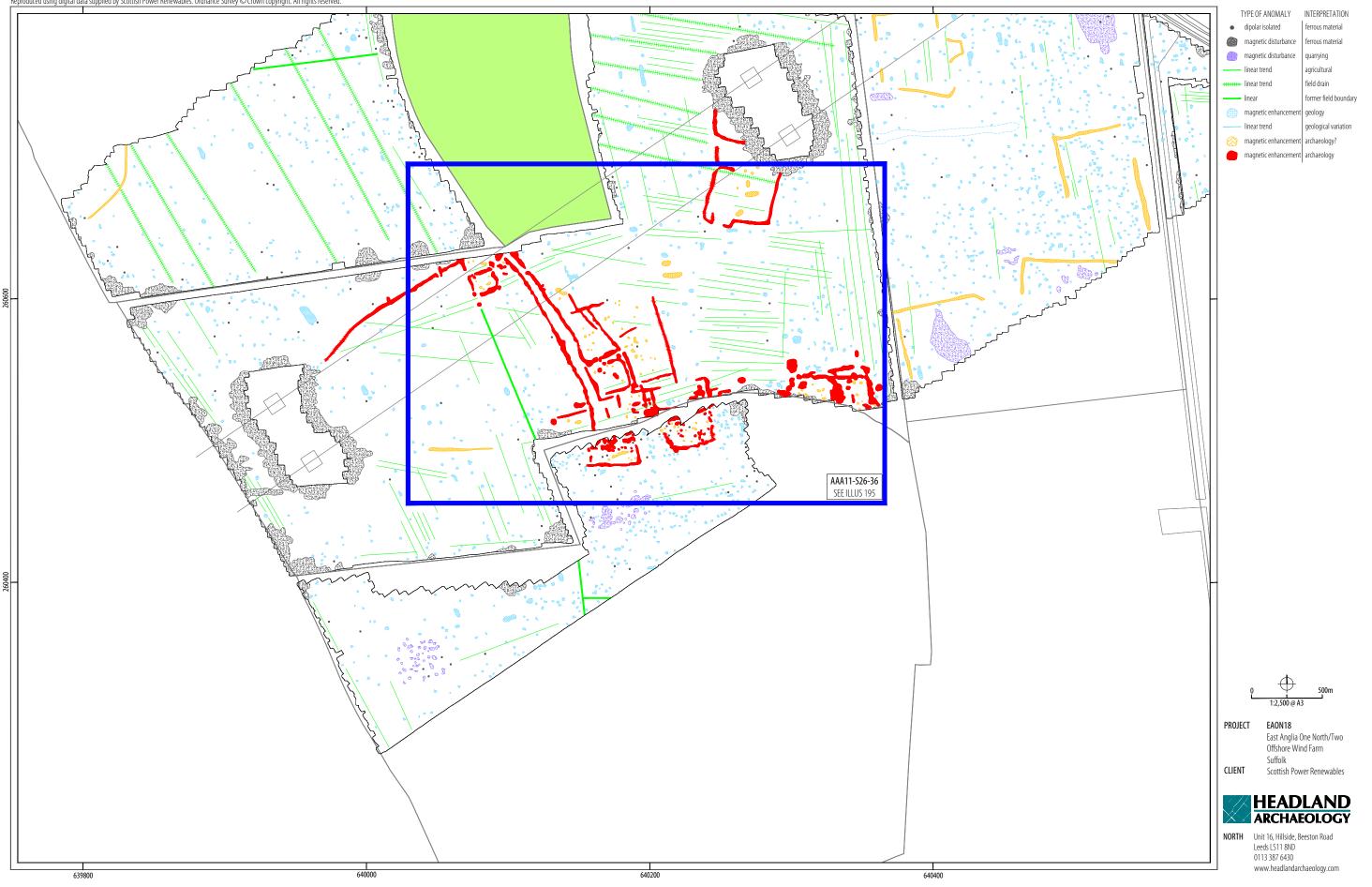


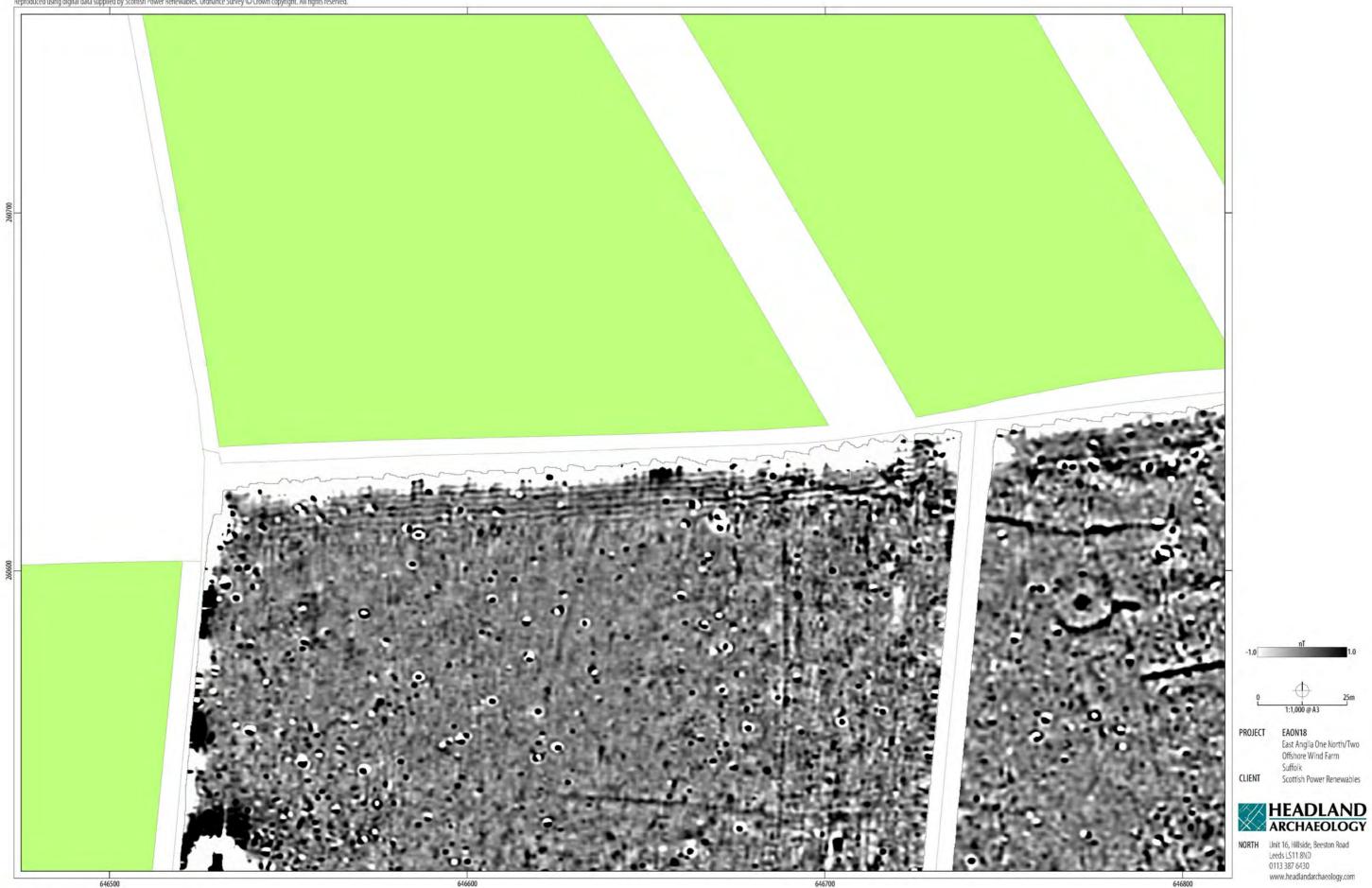






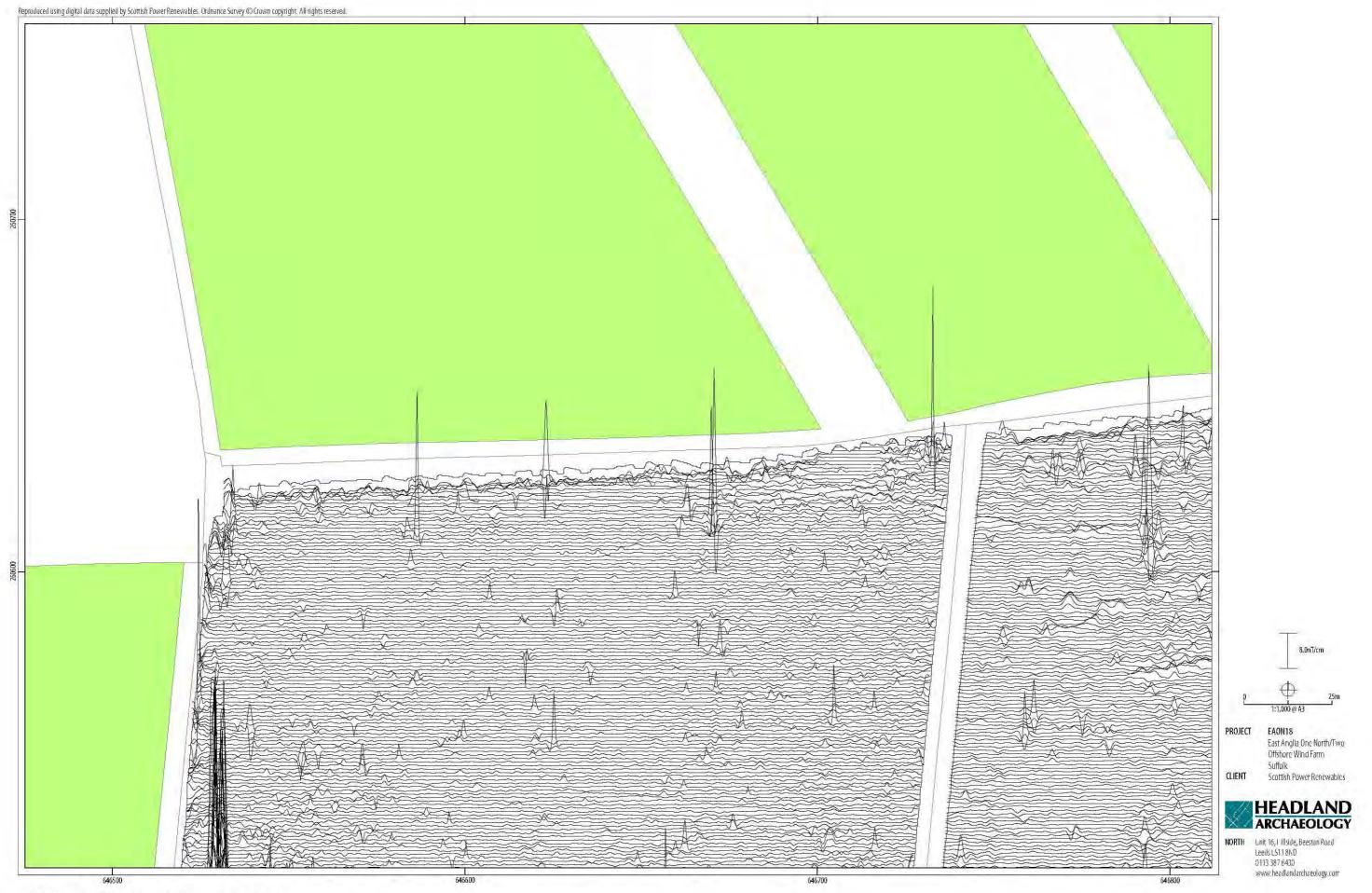






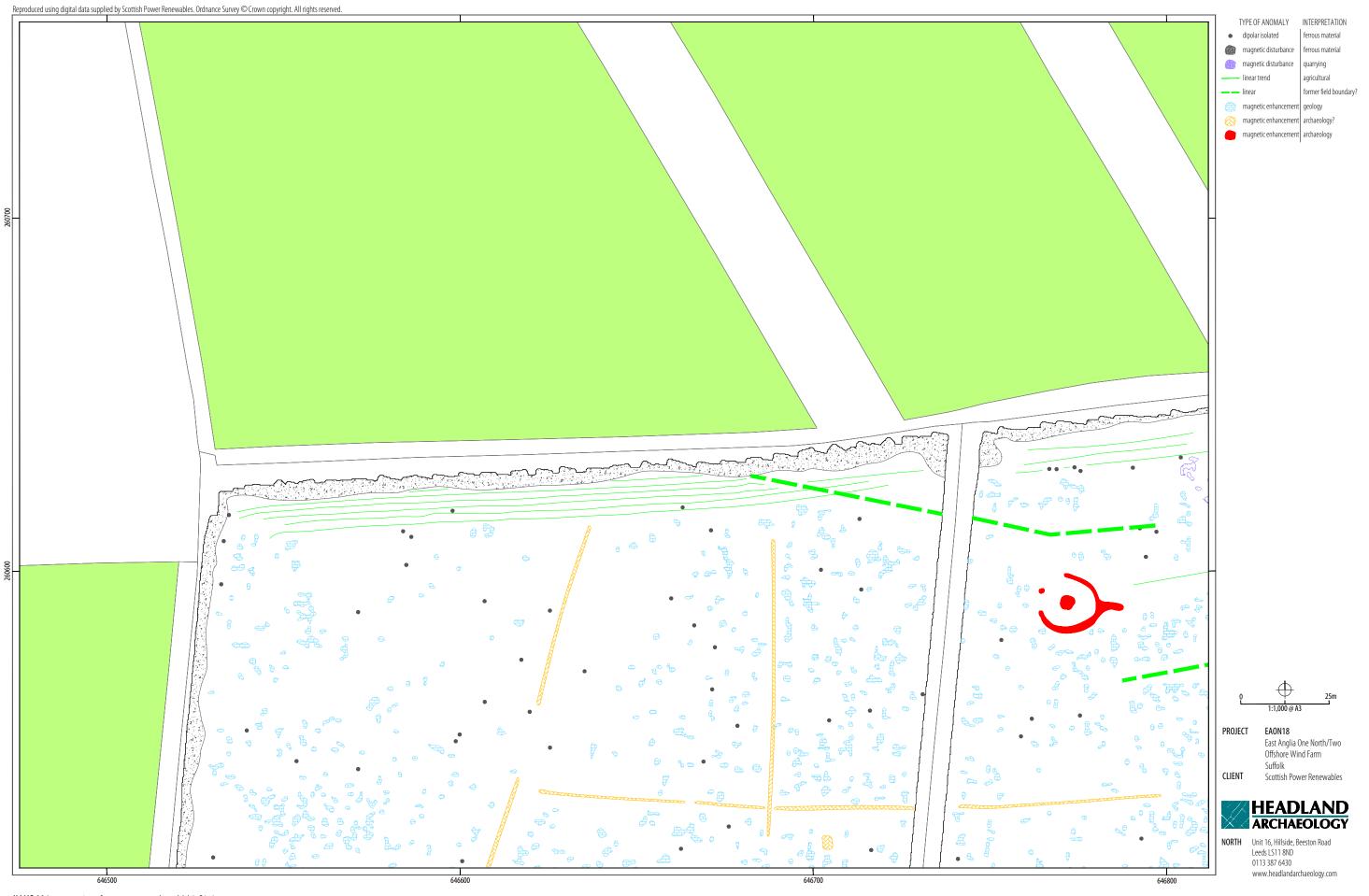
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ILLUS 89 XY trace plot of minimally processed magnetometer data; AAA1-S1-1

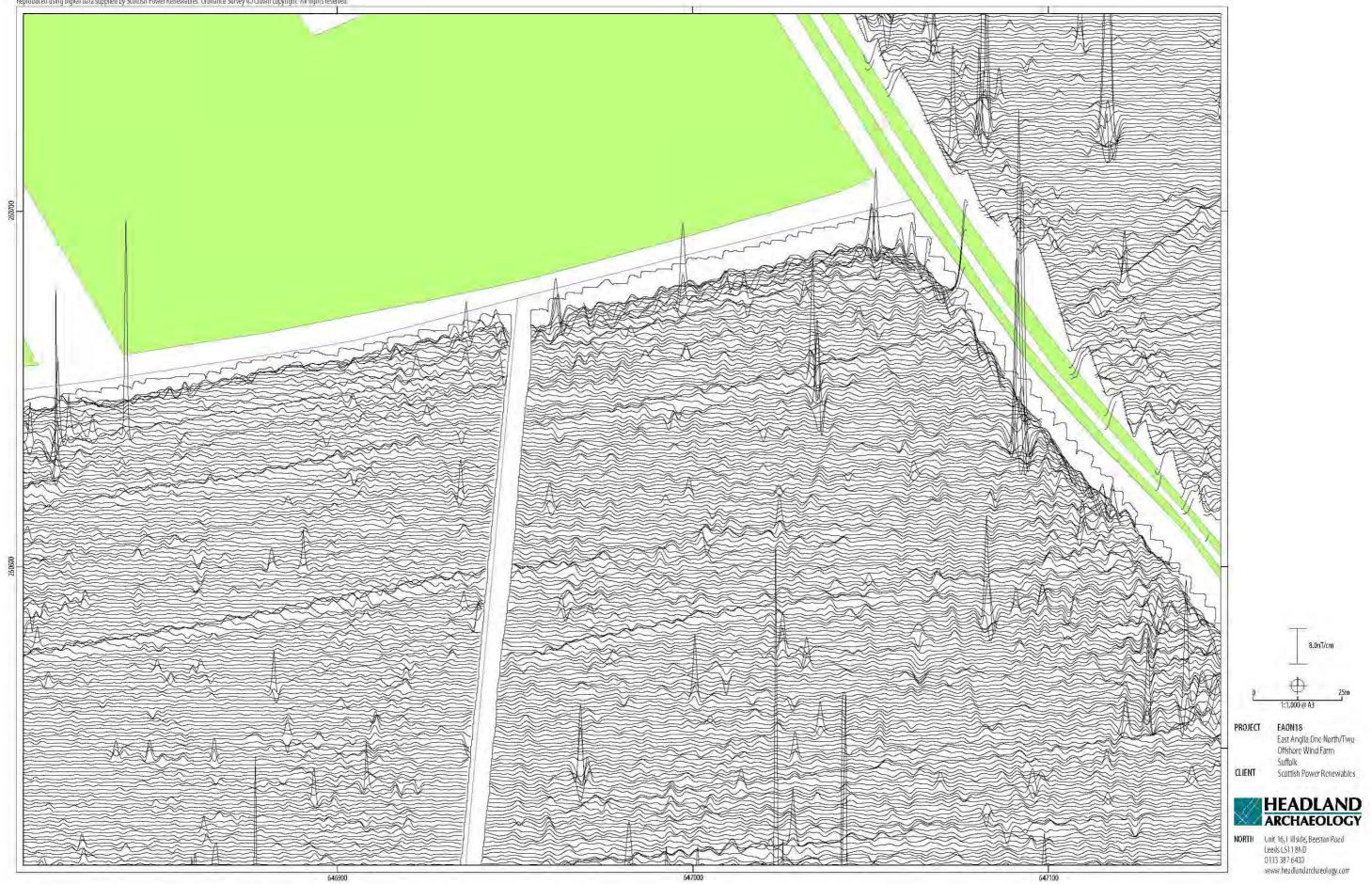




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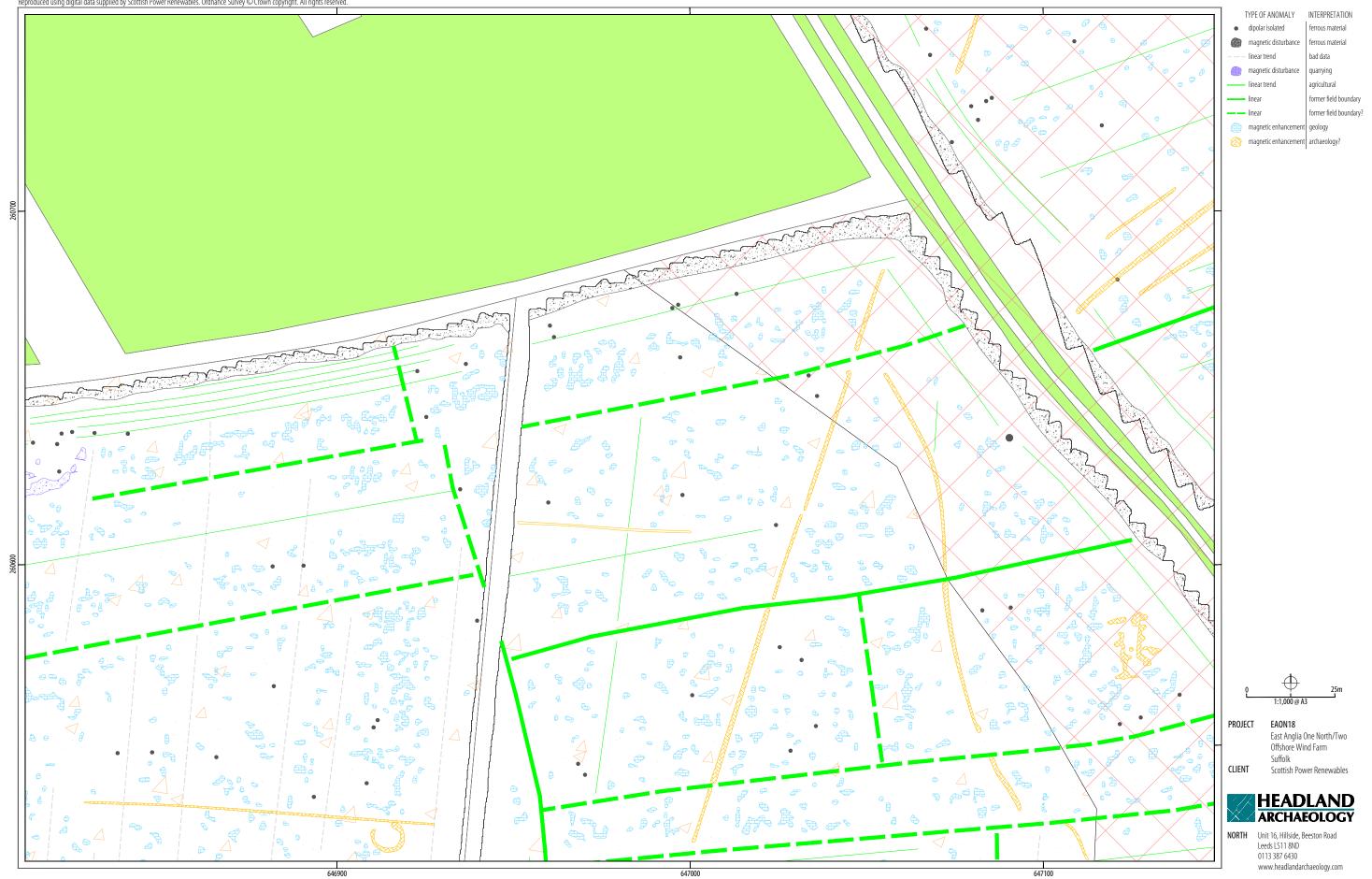


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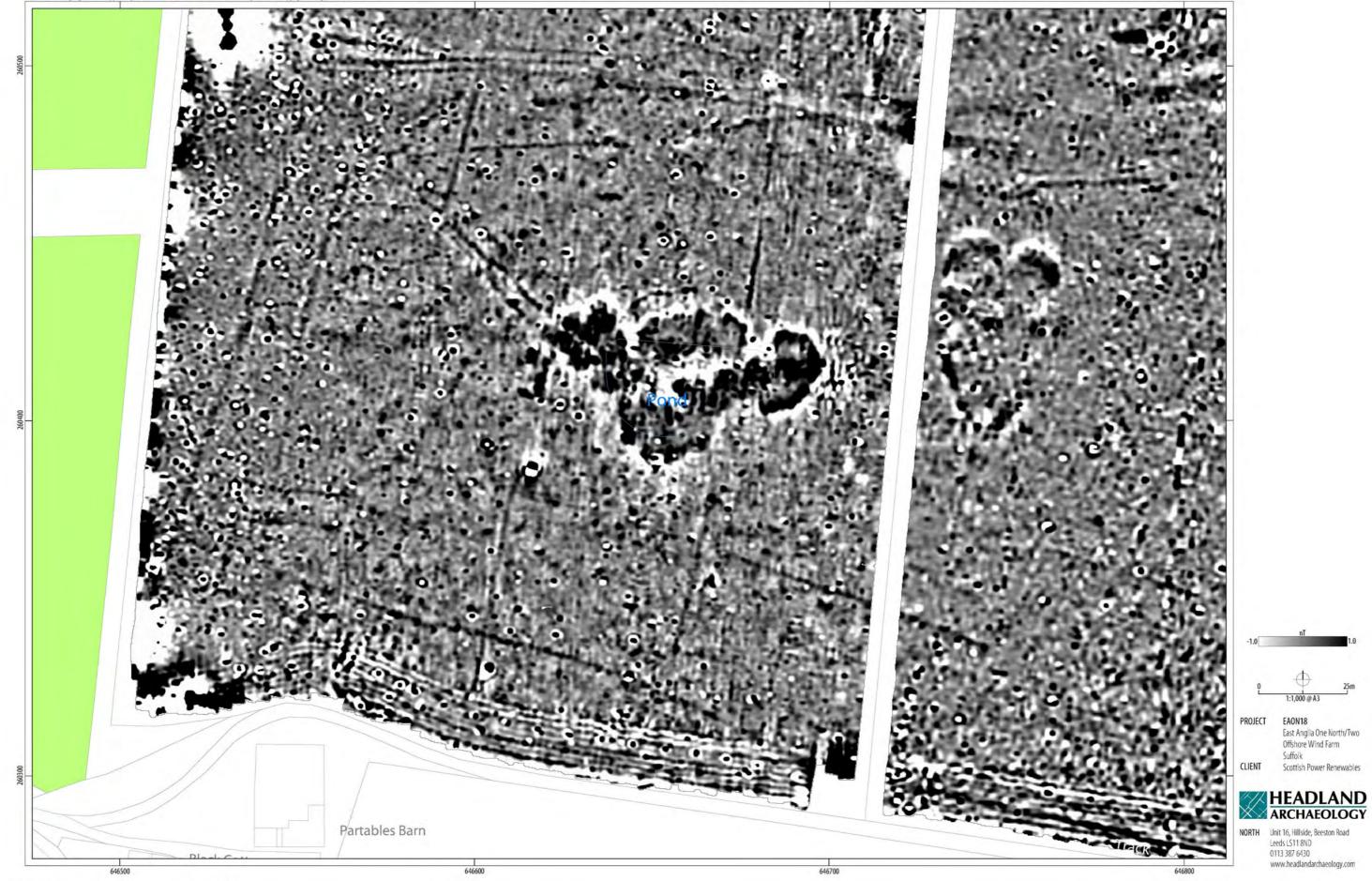


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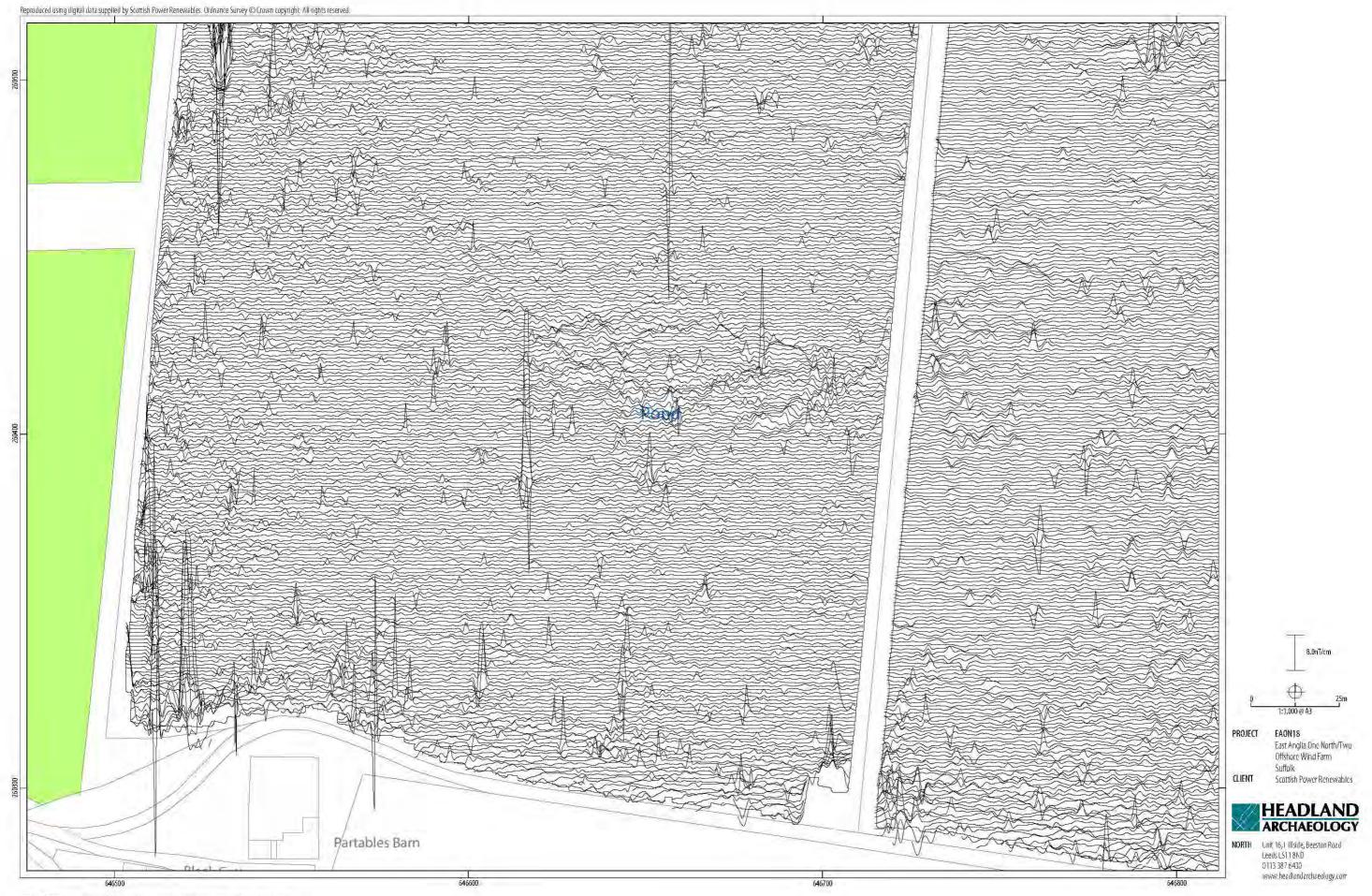


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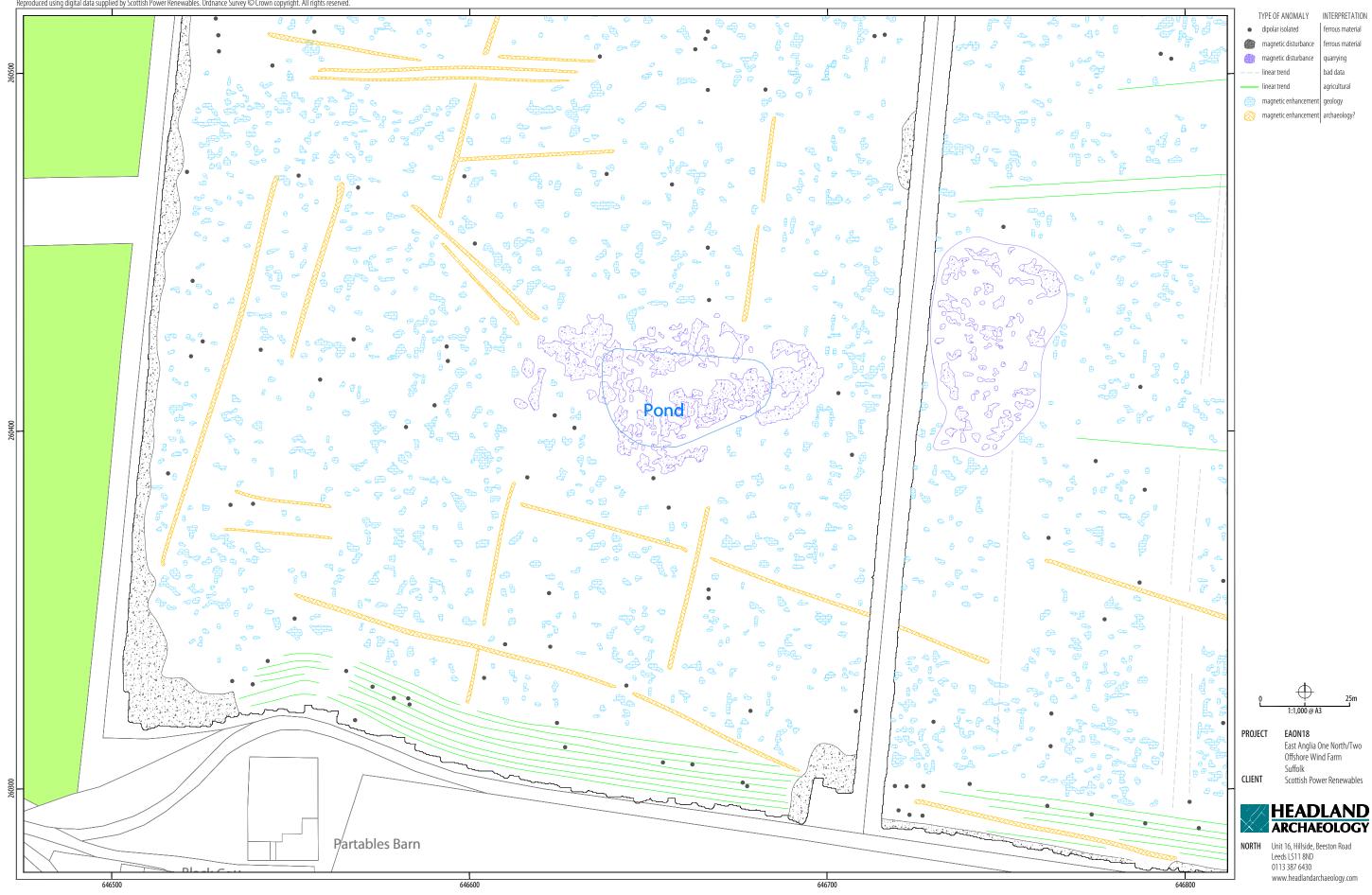
ILLUS 94 Processed greyscale magnetometer data; AAA1-S2-3





ILLUS 95 XY trace plot of minimally processed magnetometer data; AAA1-S2-3

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ILLUS 96 Interpretation of magnetometer data; AAA1-S2-3

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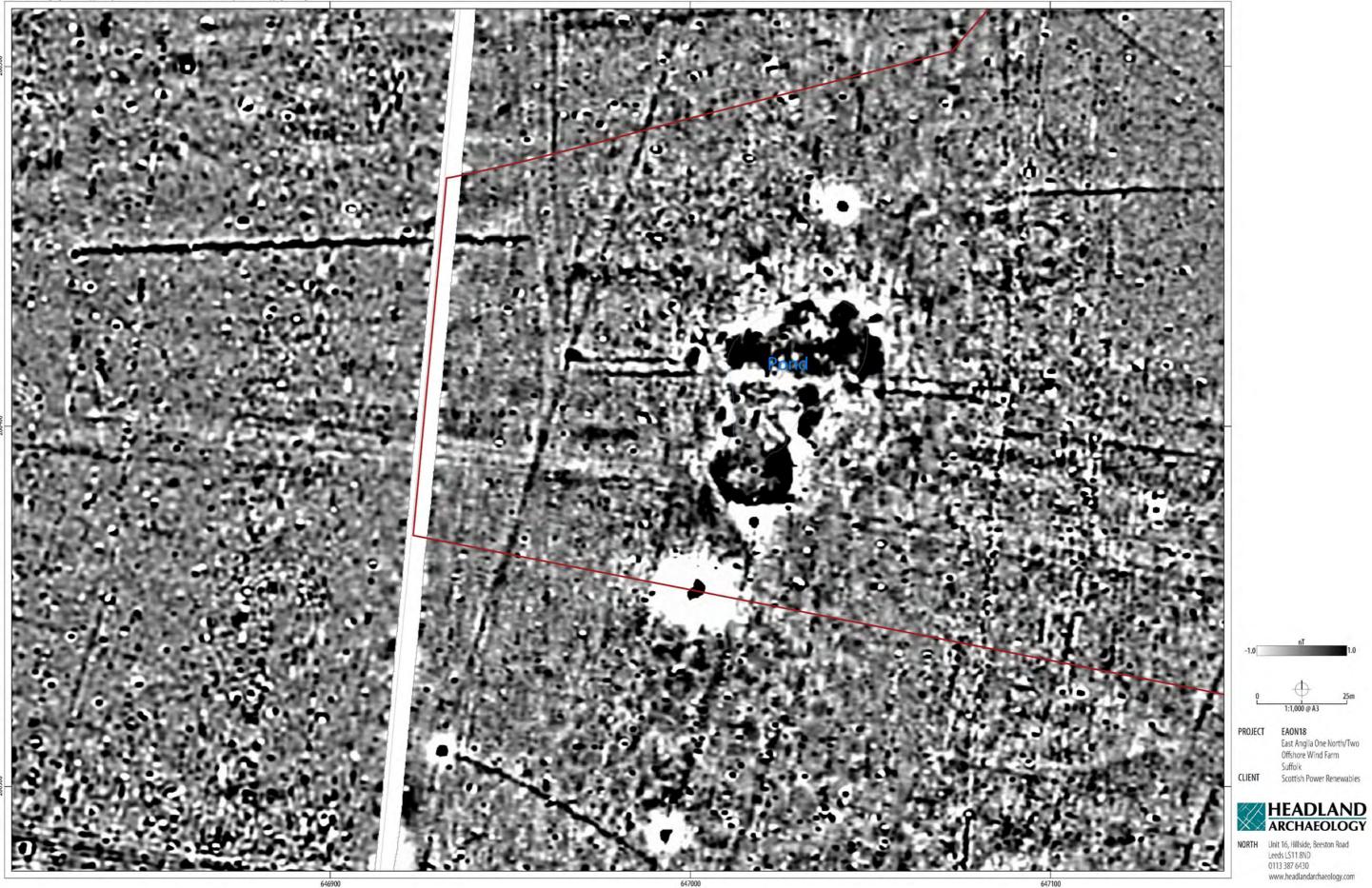
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Suffolk

East Anglia One North/Two Offshore Wind Farm

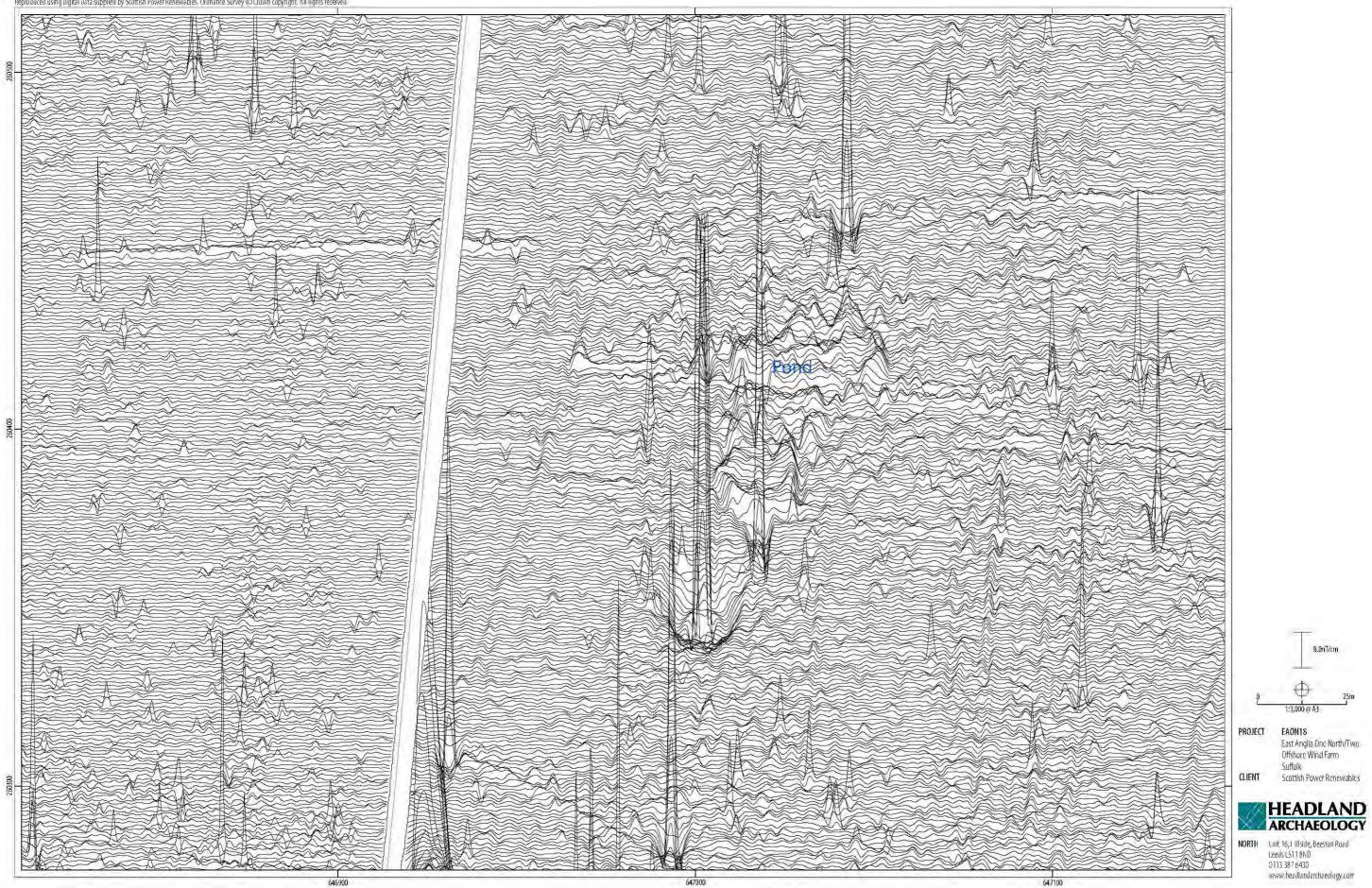
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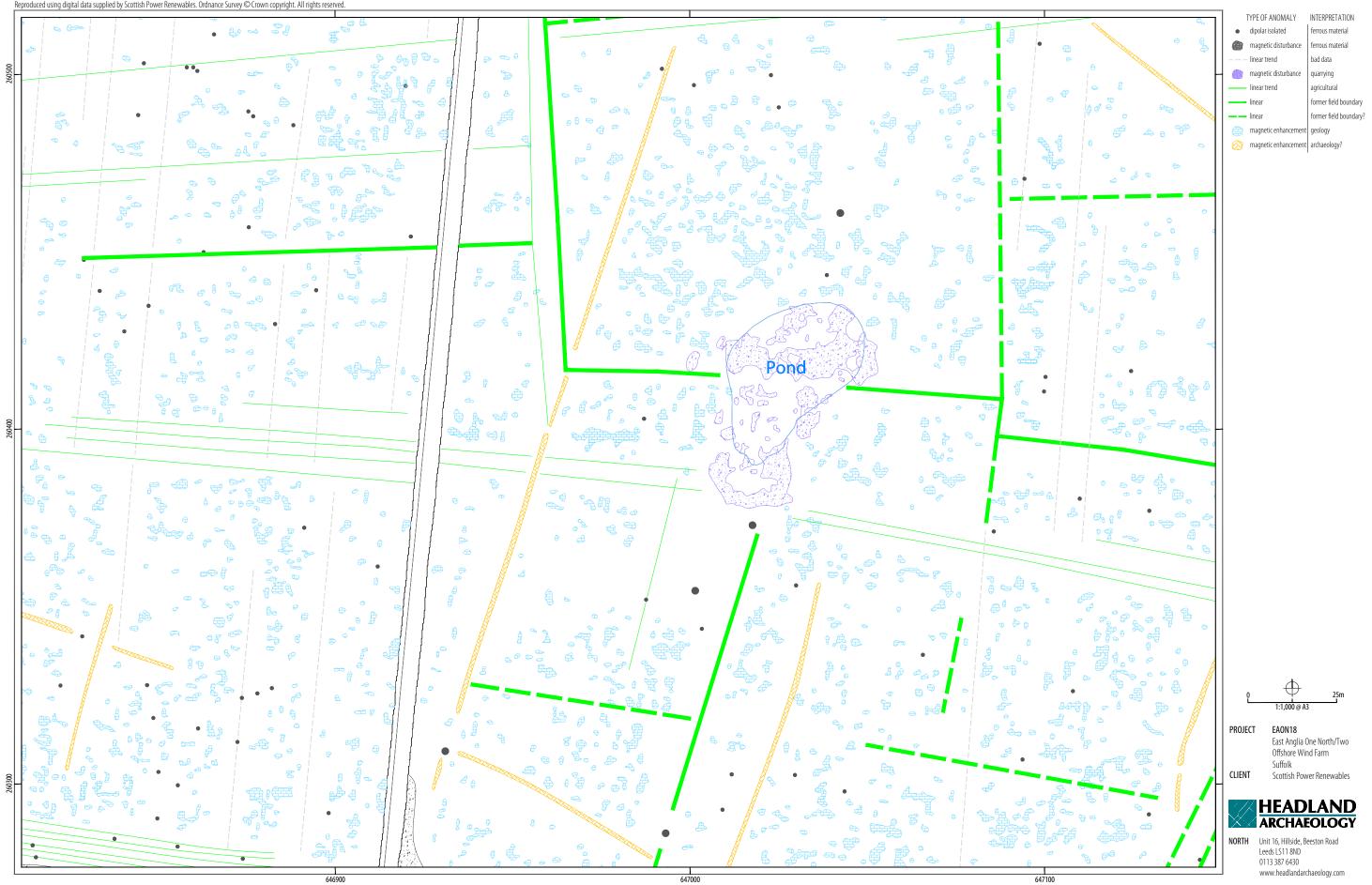
ILLUS 97 Processed greyscale magnetometer data; AAA1-S2-4

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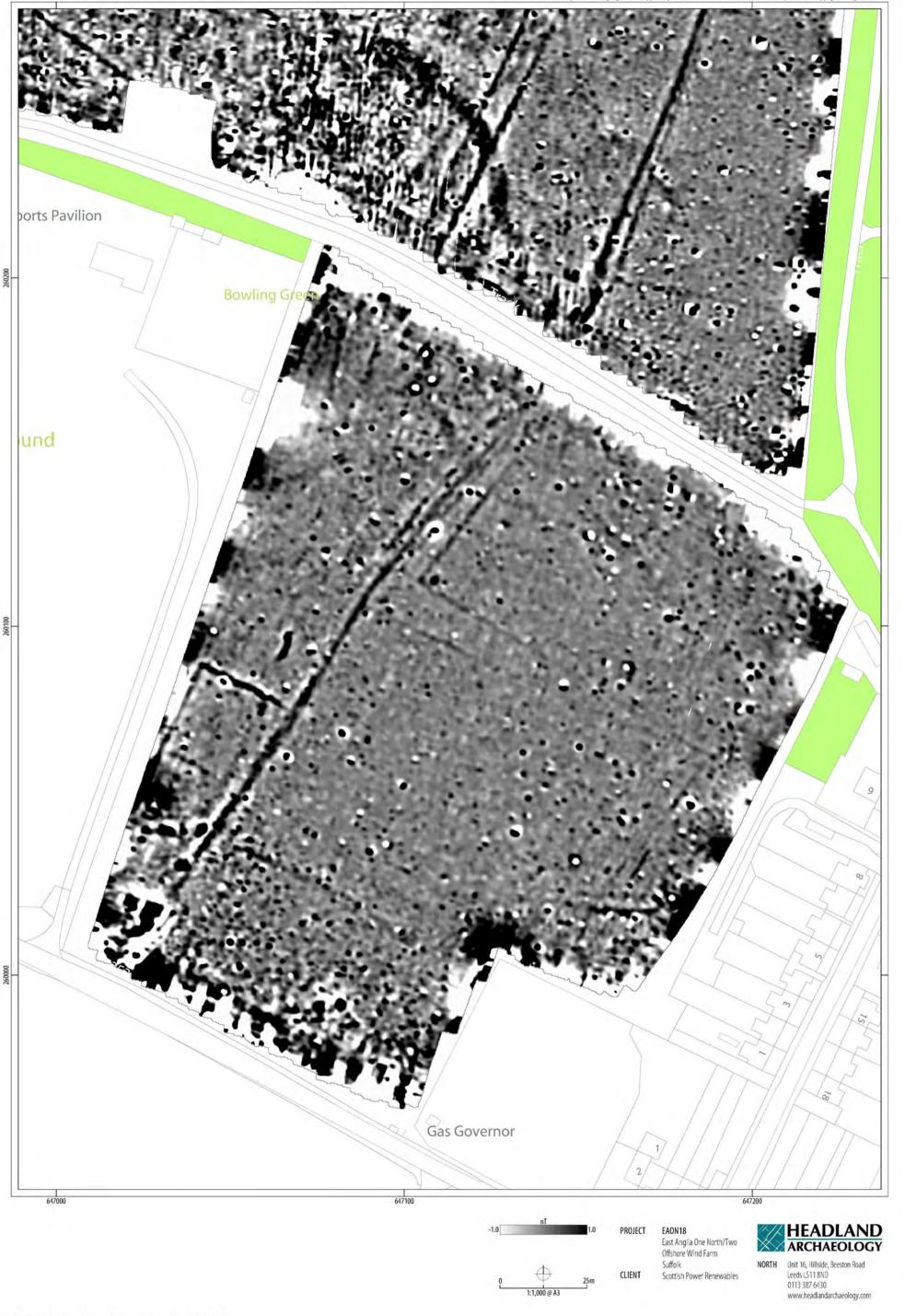


ILLUS 98 XY trace plot of minimally processed magnetometer data; AAA1-52-4

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ILLUS 99 Interpretation of magnetometer data; AAA1-S2-4



ILLUS 100 Processed greyscale magnetometer data; AAA1-S2-5



ILLUS 101 XY trace plot of minimally processed magnetometer data; AAA1-S2-5





ILLUS 103 Processed greyscale magnetometer data; AAA1-S3-6

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

CLIENT

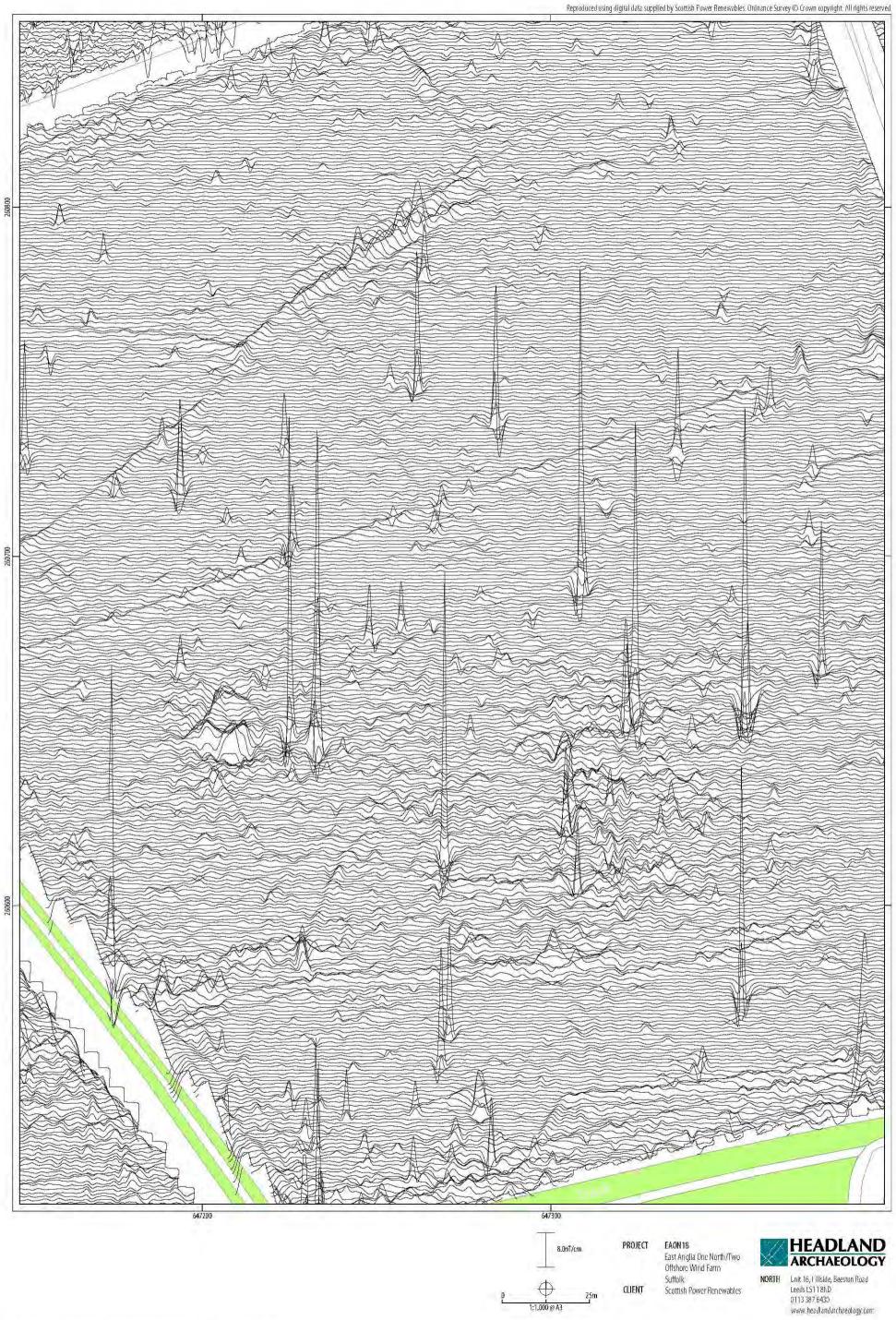
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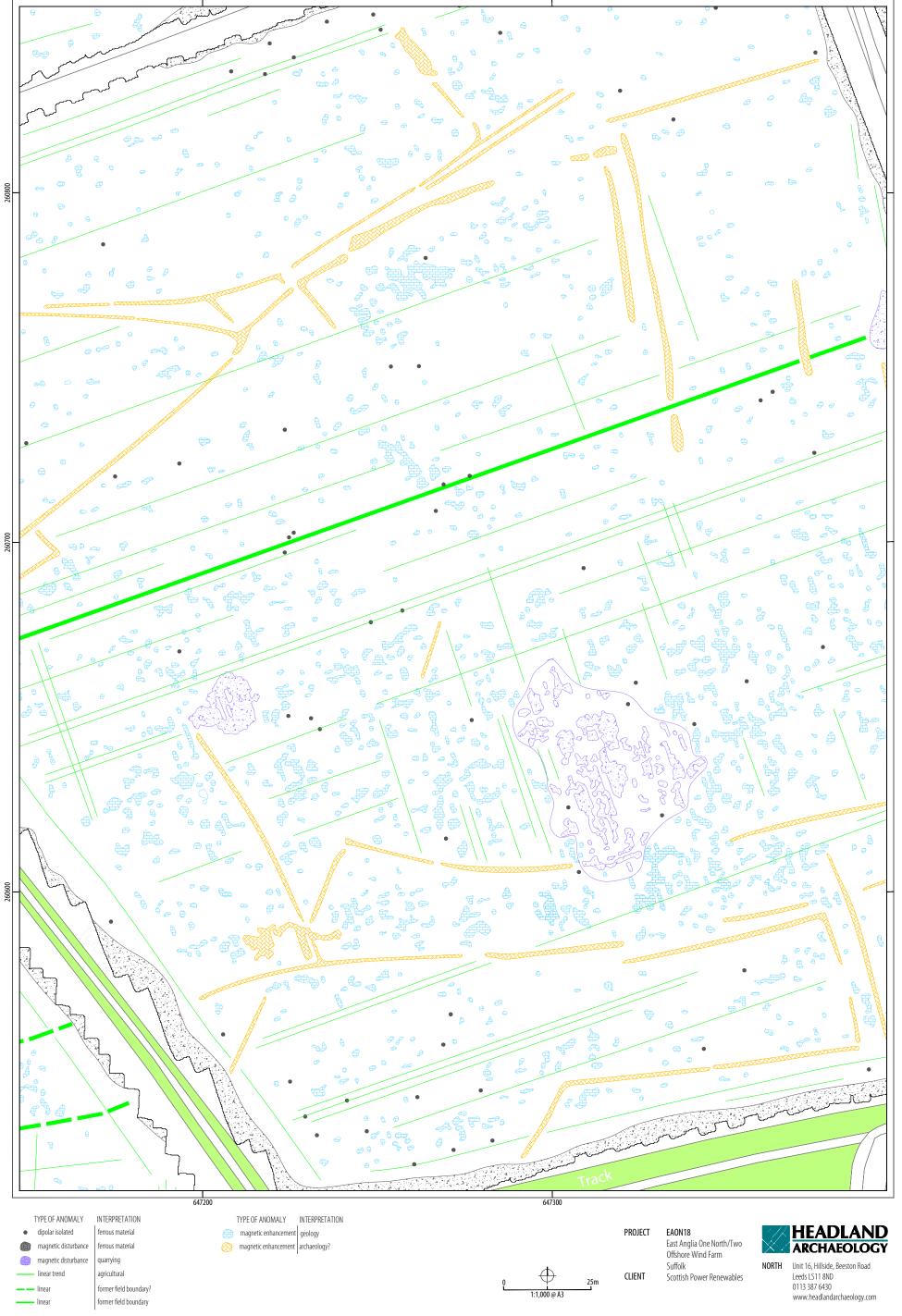
NORTH Unit 16, Hillside, Beeston Road Leeds LS11 8ND 0113 387 6430 www.headlandarchaeology.com



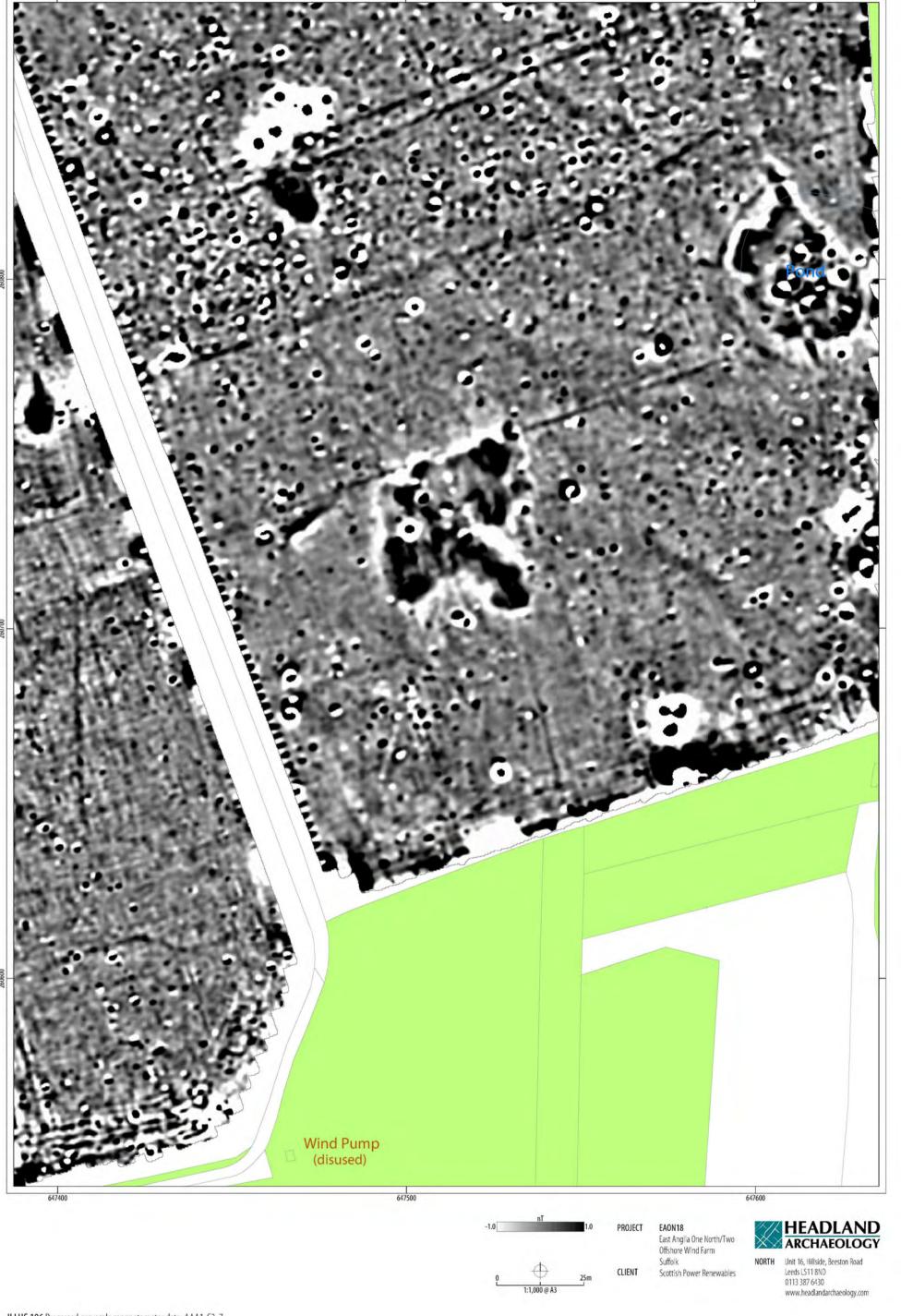


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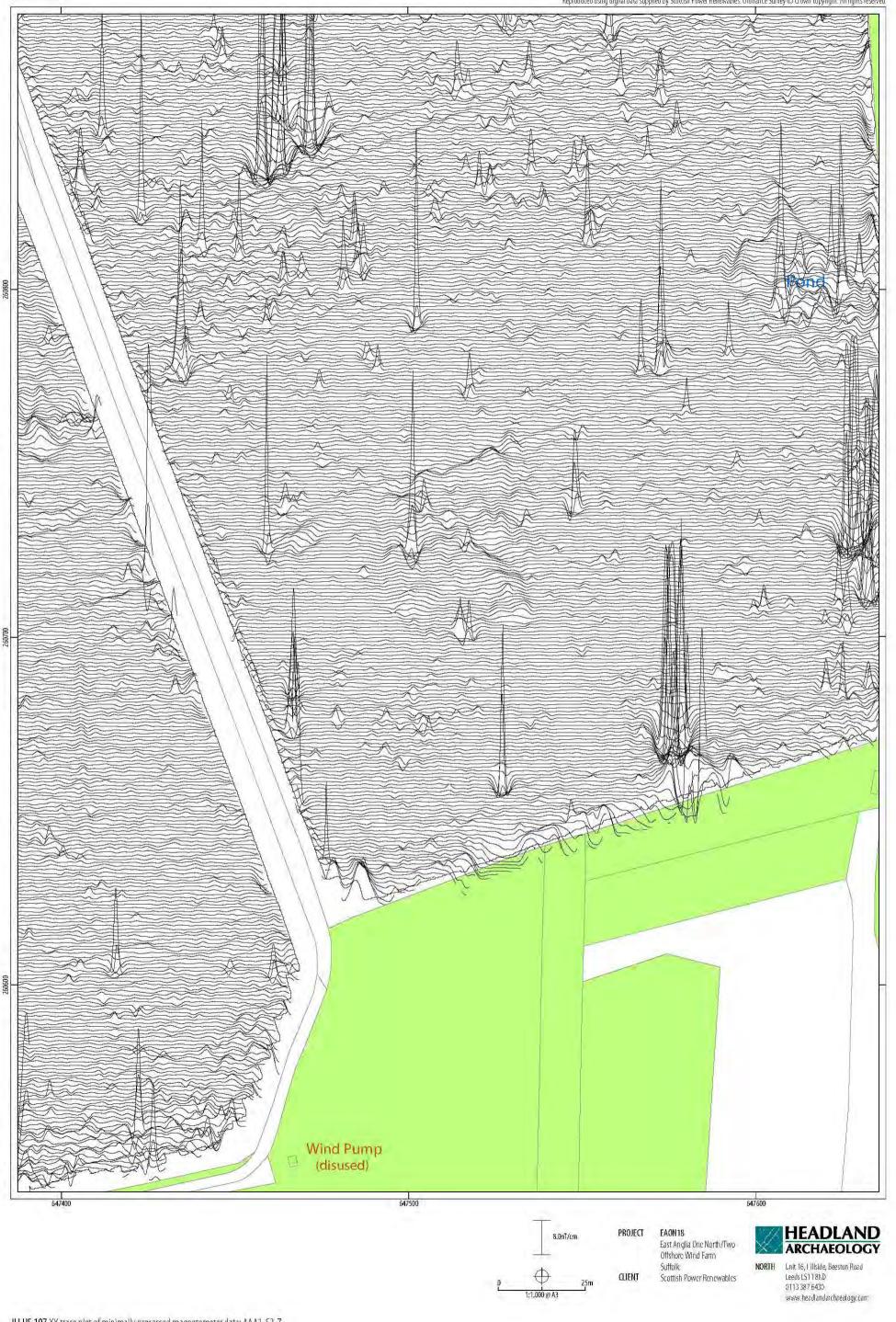
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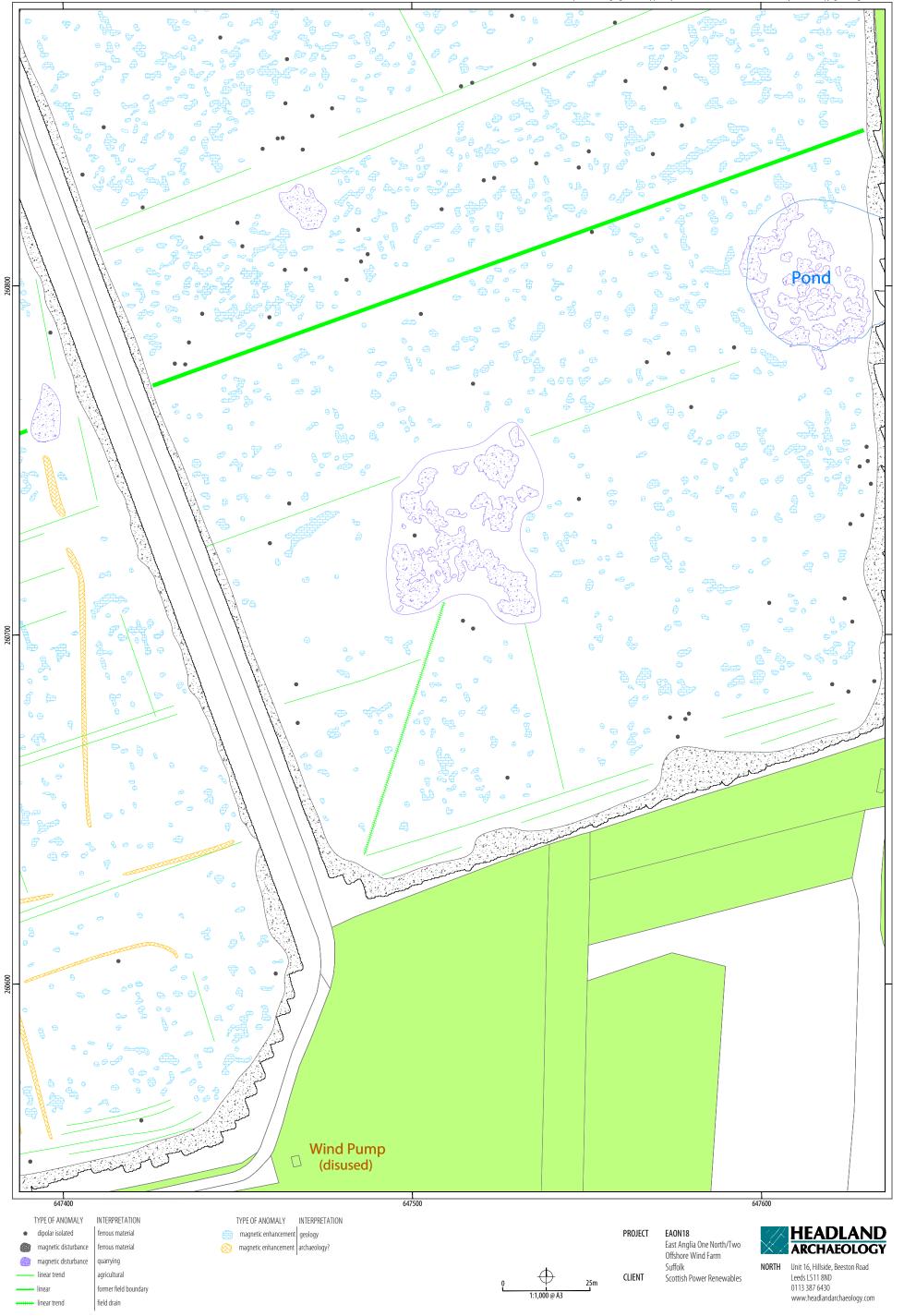
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ILLUS 106 Processed greyscale magnetometer data; AAA1-S3-7

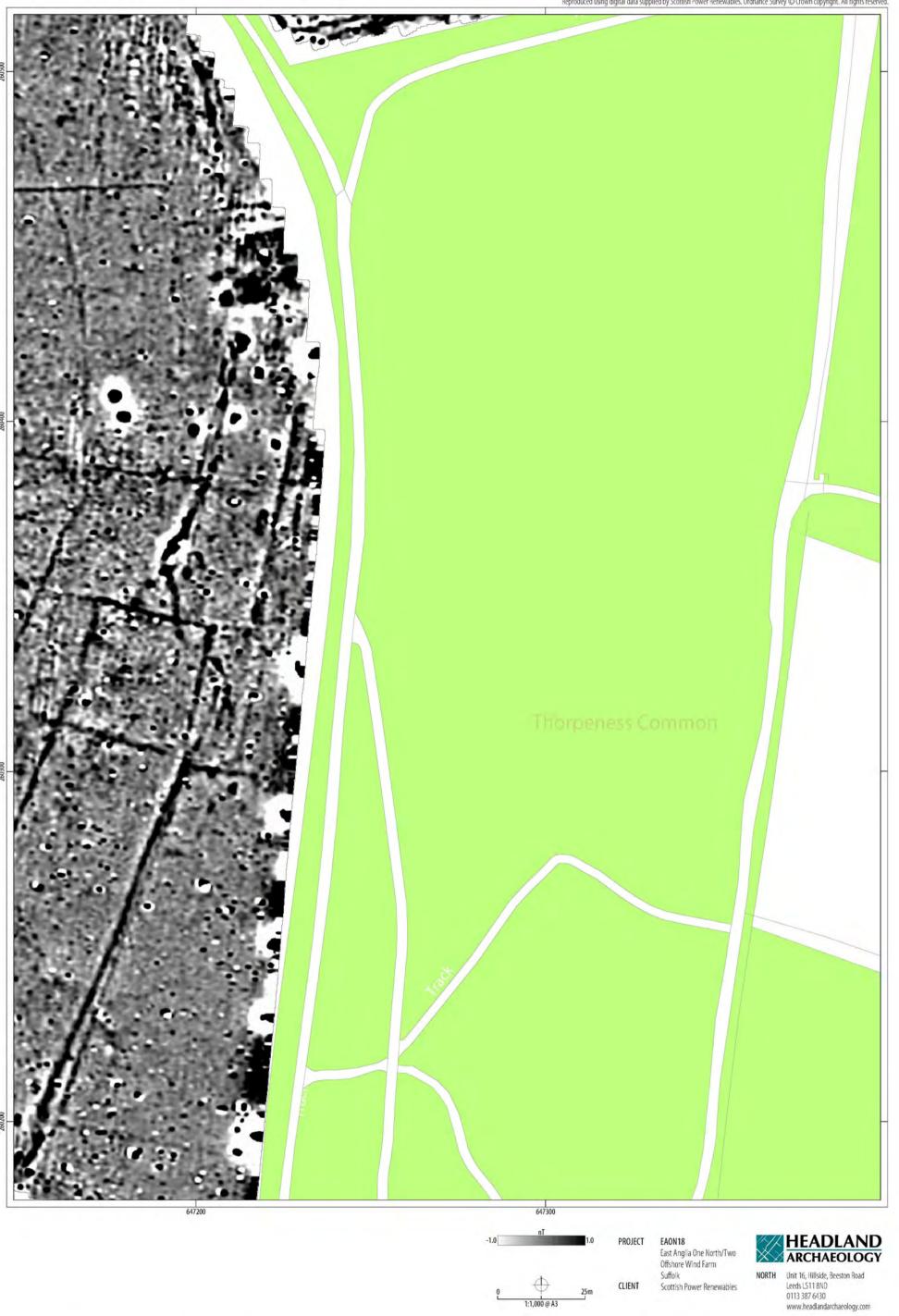


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ILLUS 108 Interpretation of magnetometer data; AAA1-S3-7

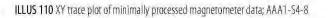
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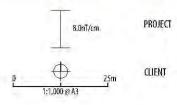


ILLUS 109 Processed greyscale magnetometer data; AAA1-S4-8

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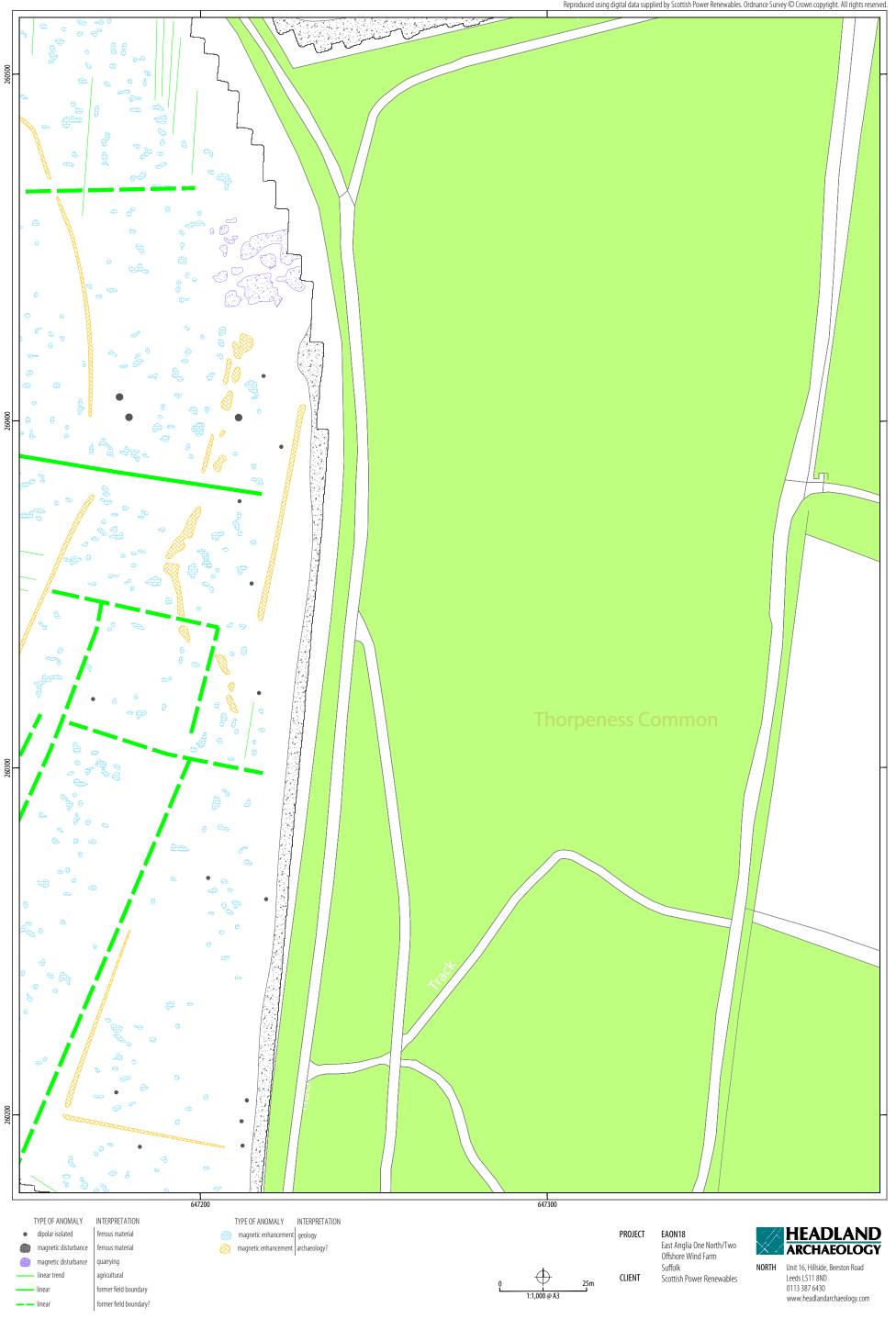




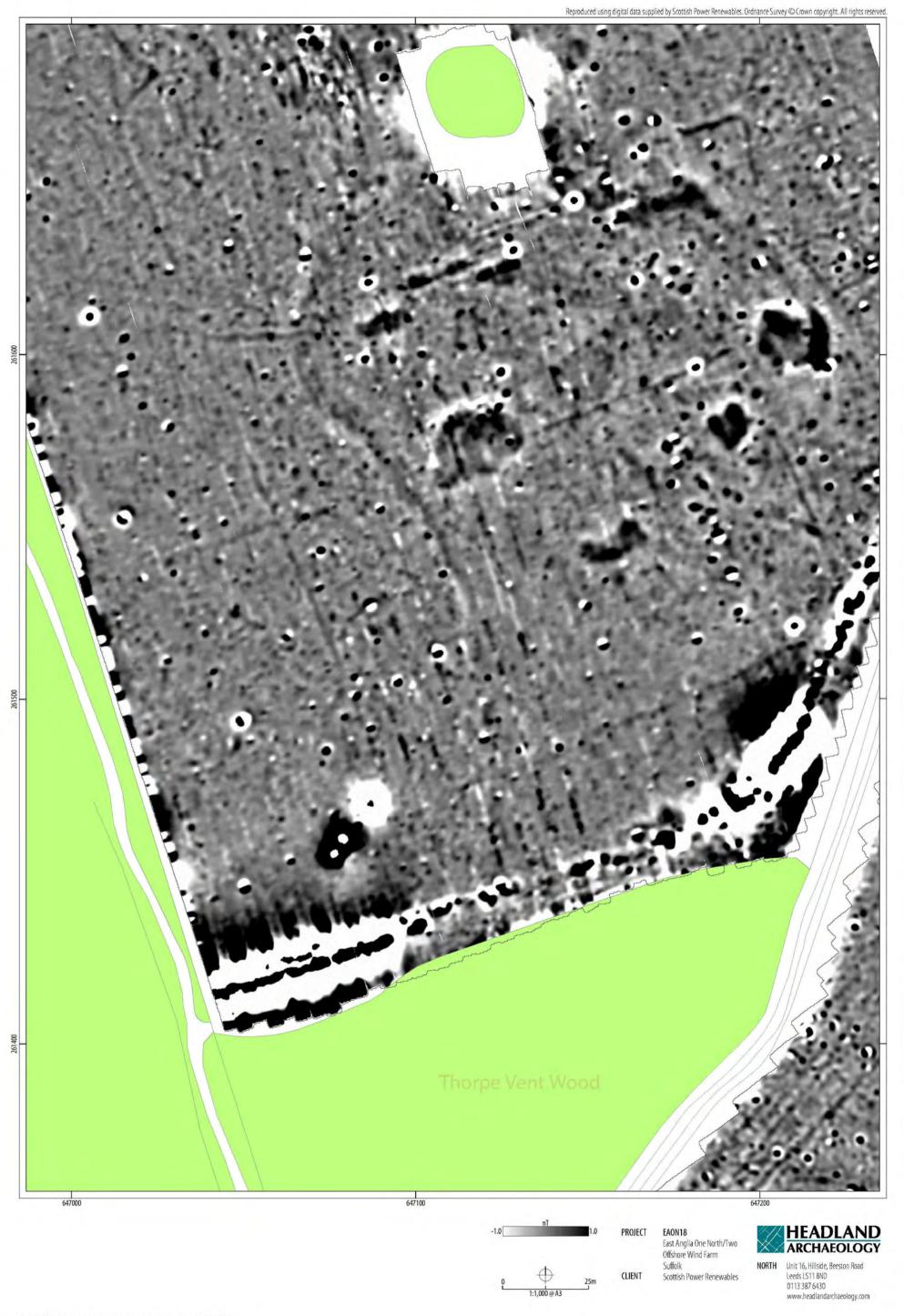
EAON18 East Anglia One North/Two Offshore Wind Farm Suffolk Scottish Power Renewables



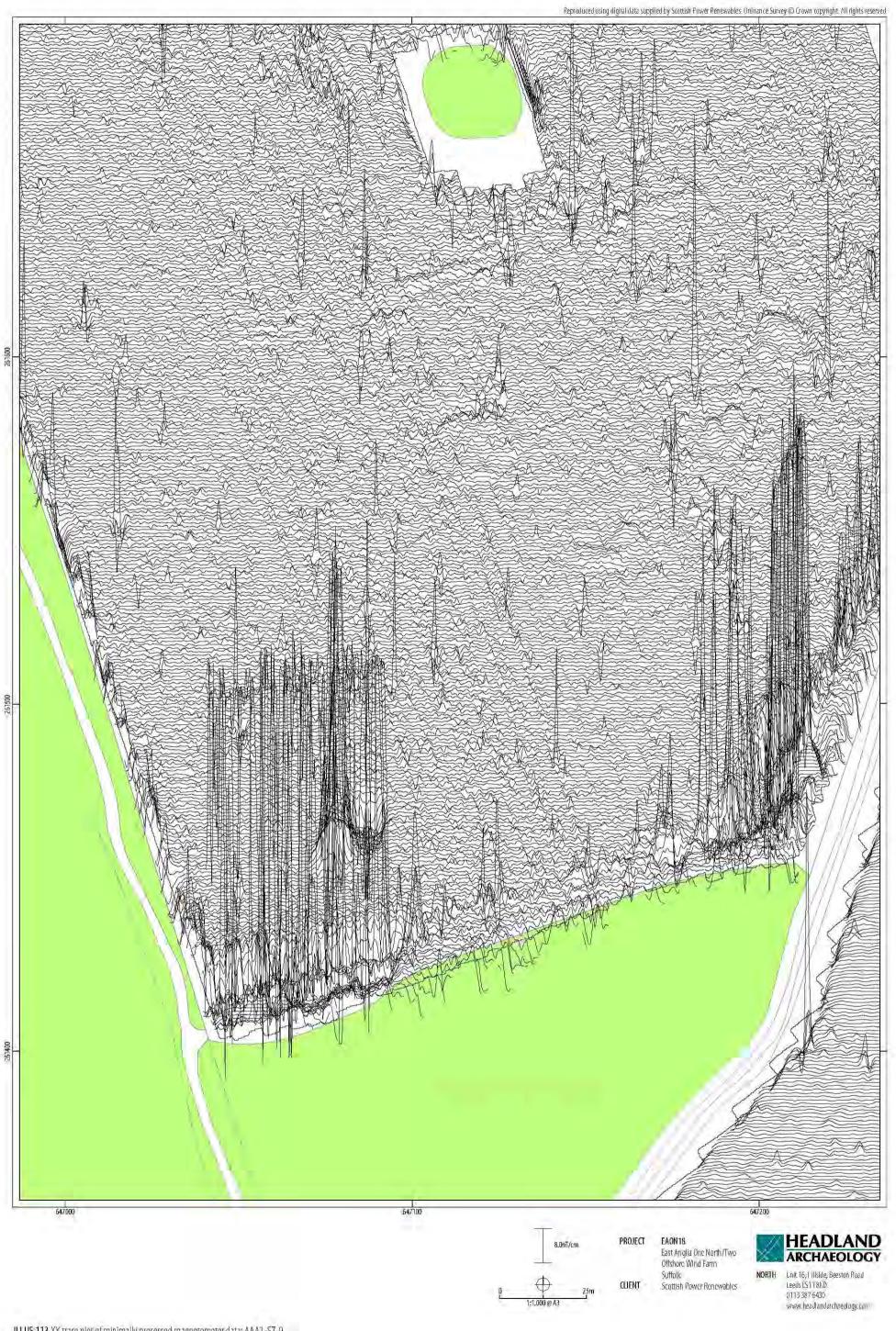
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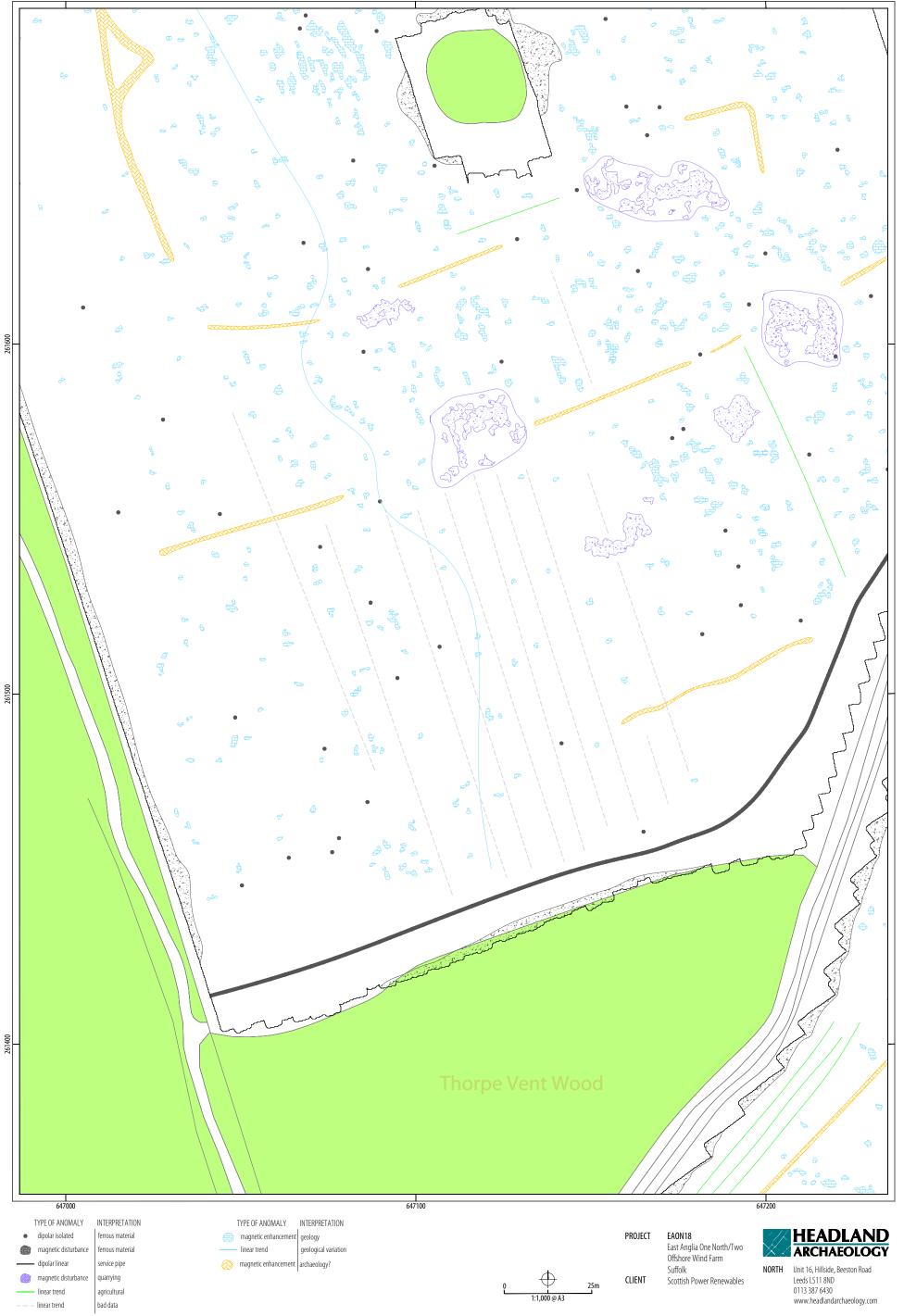
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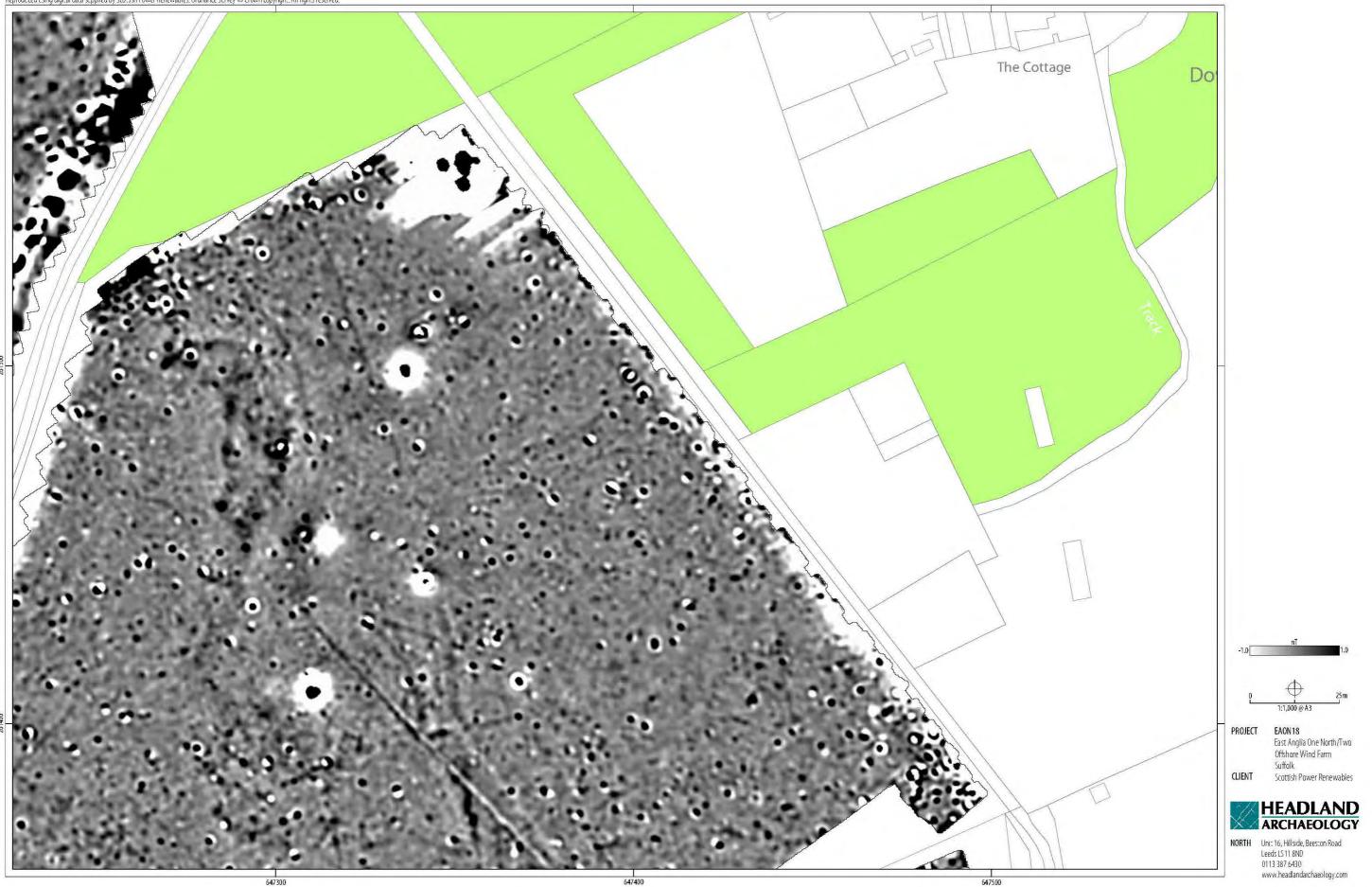
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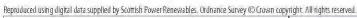
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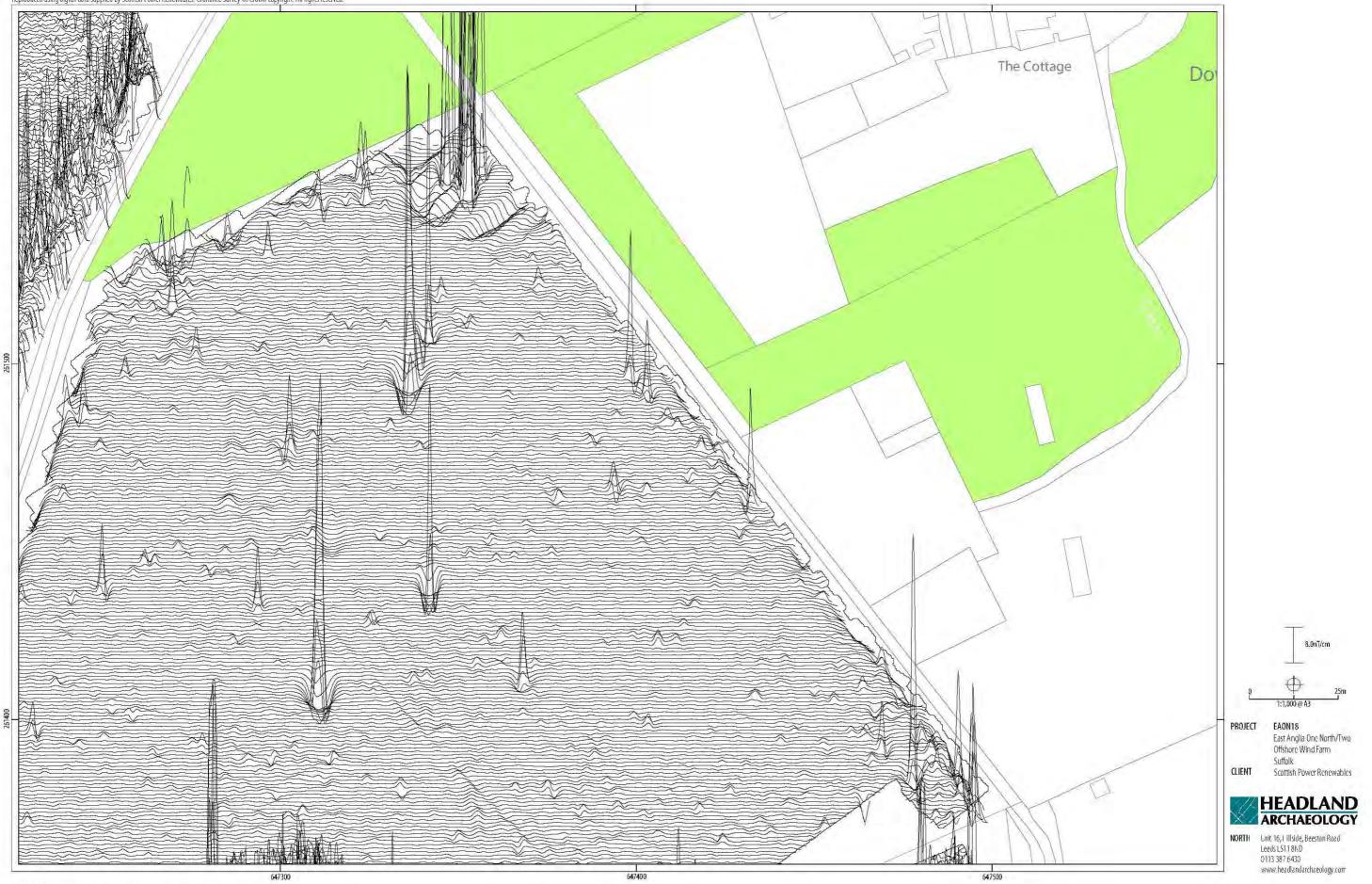


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ILLUS 115 Processed greyscale magnetometer data; AAA1-S7-10

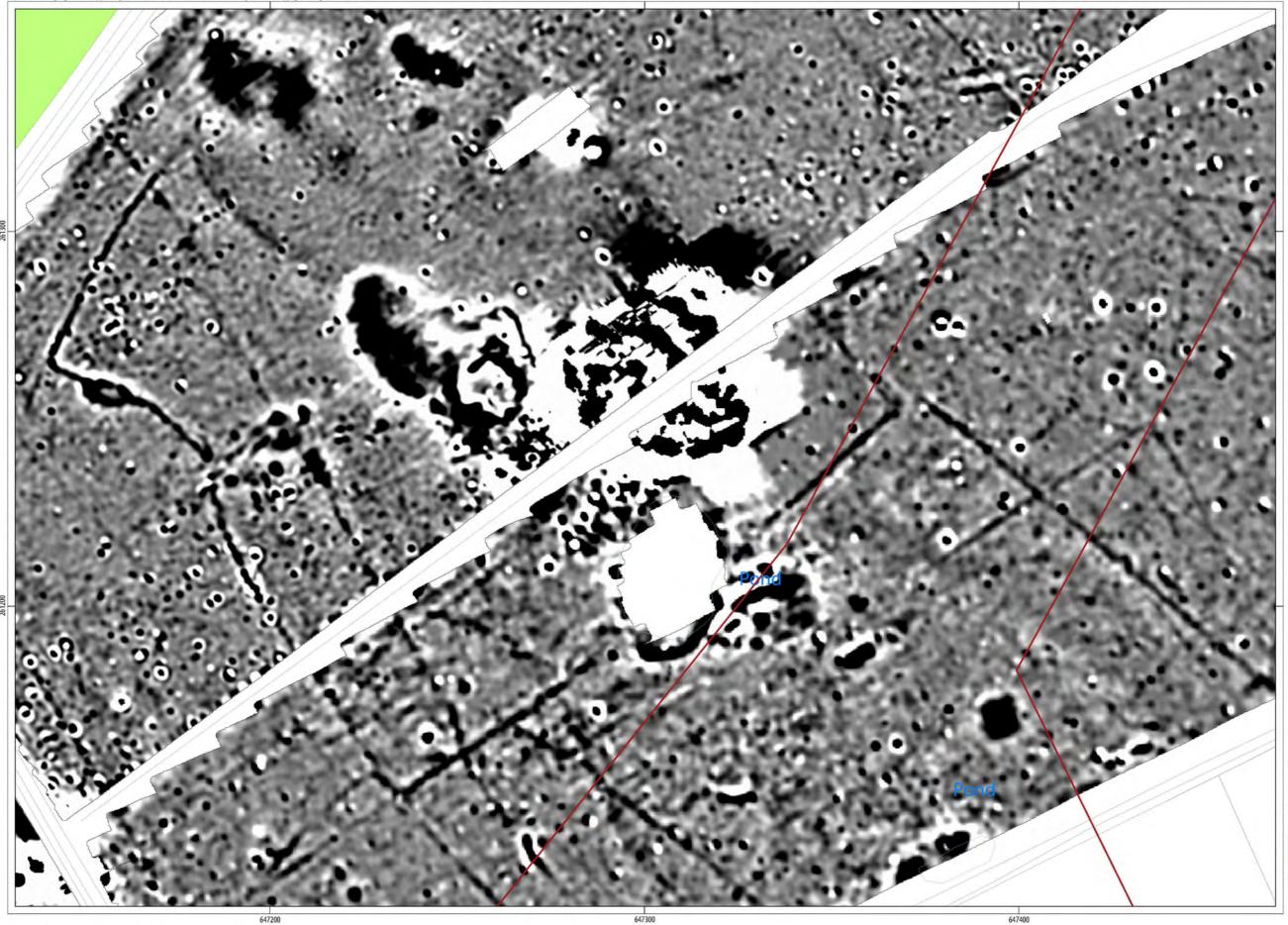




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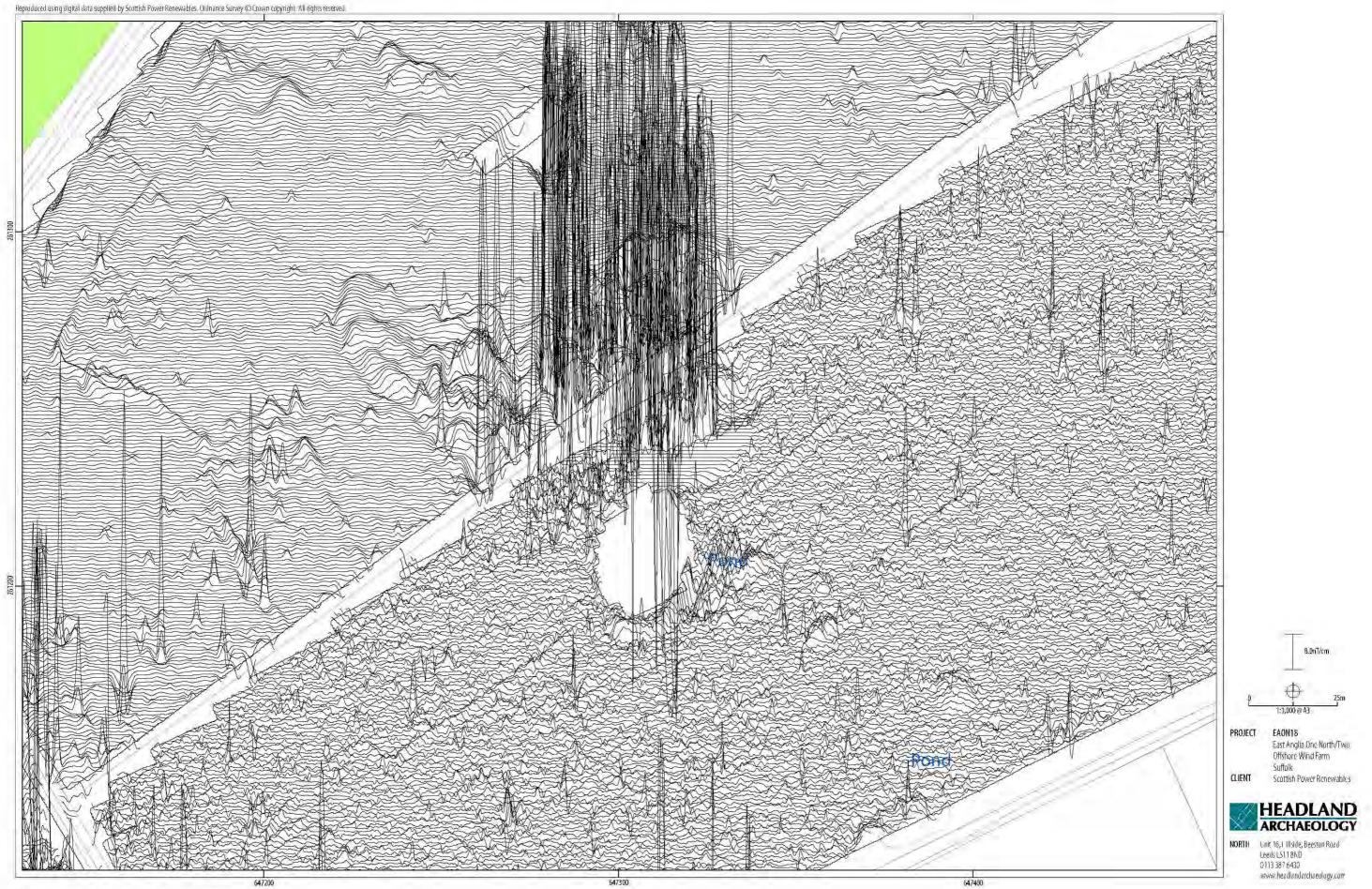


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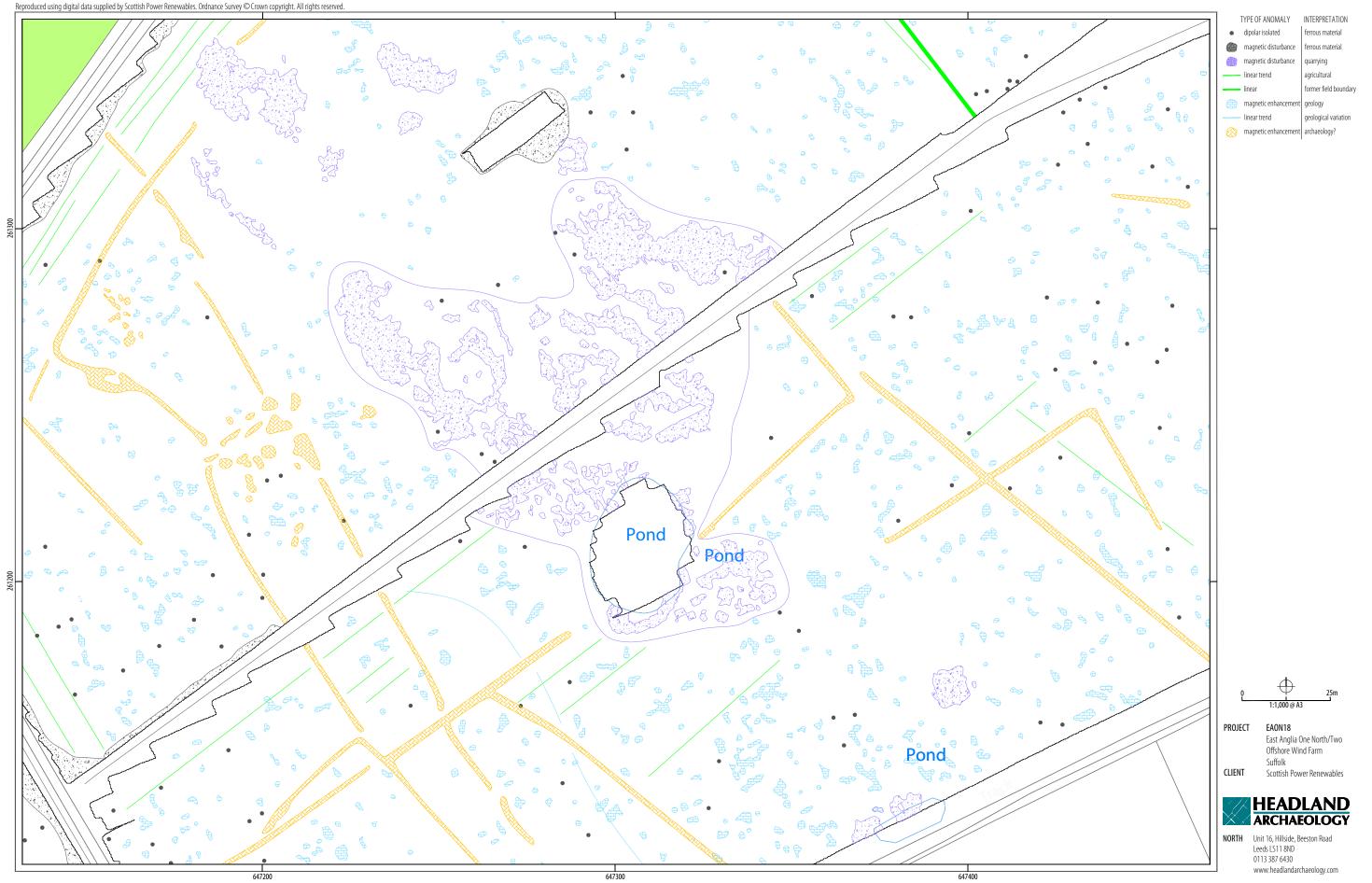


ILLUS 118 Processed greyscale magnetometer data; AAA1-S7-11

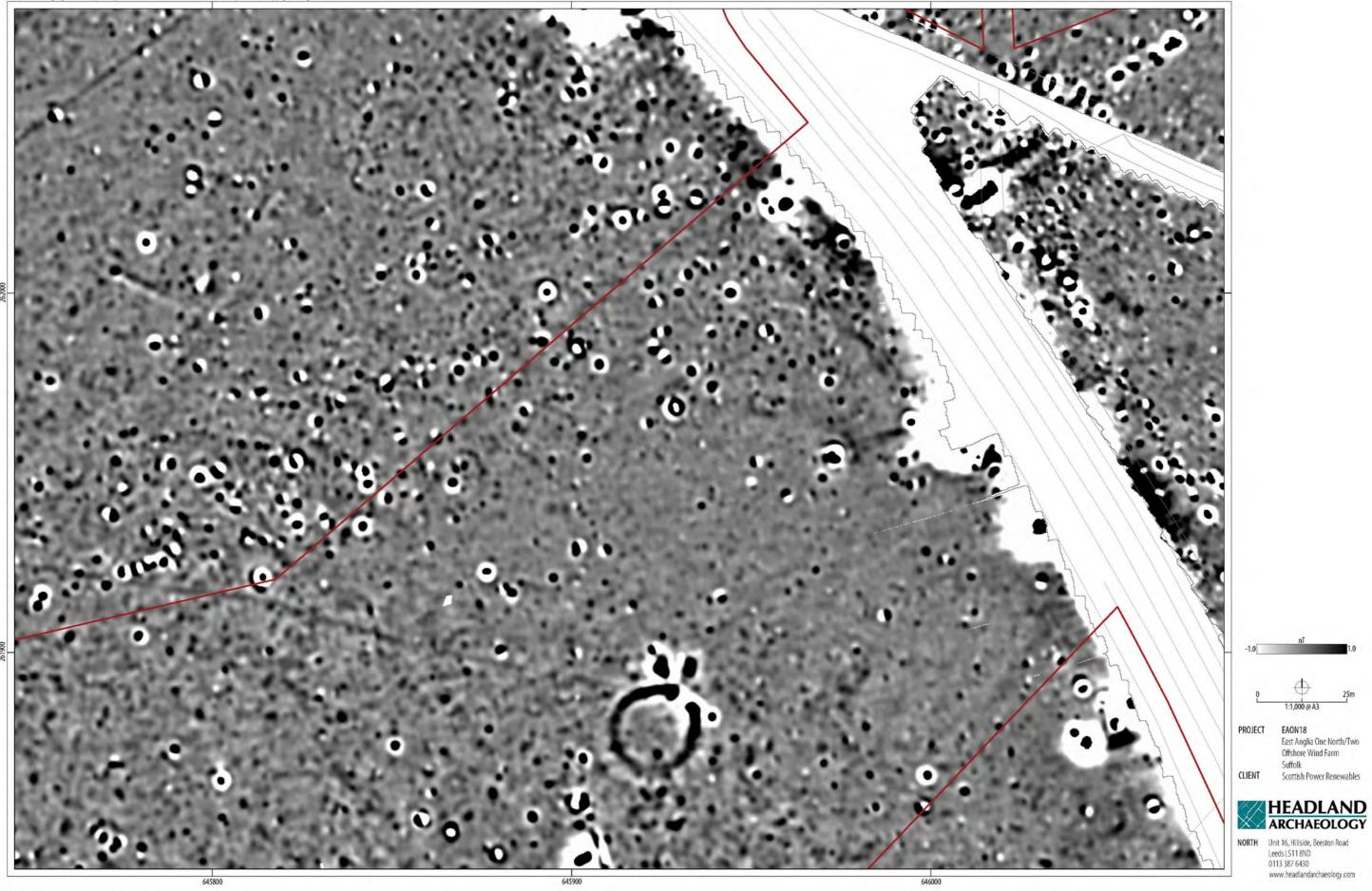
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PROJECT	EAON18 East Anglia One North/Two Offshore Wind Farm
CLIENT	Suffolk Scottish Power Renewables
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NORTH	Unit 16, Hillside, Beeston Road Leeds LS11 8ND 0113 387 6430 www.headlandarchaeology.com



ILLUS 119 XY trace plot of minimally processed magnetometer data; AAA1-57-11

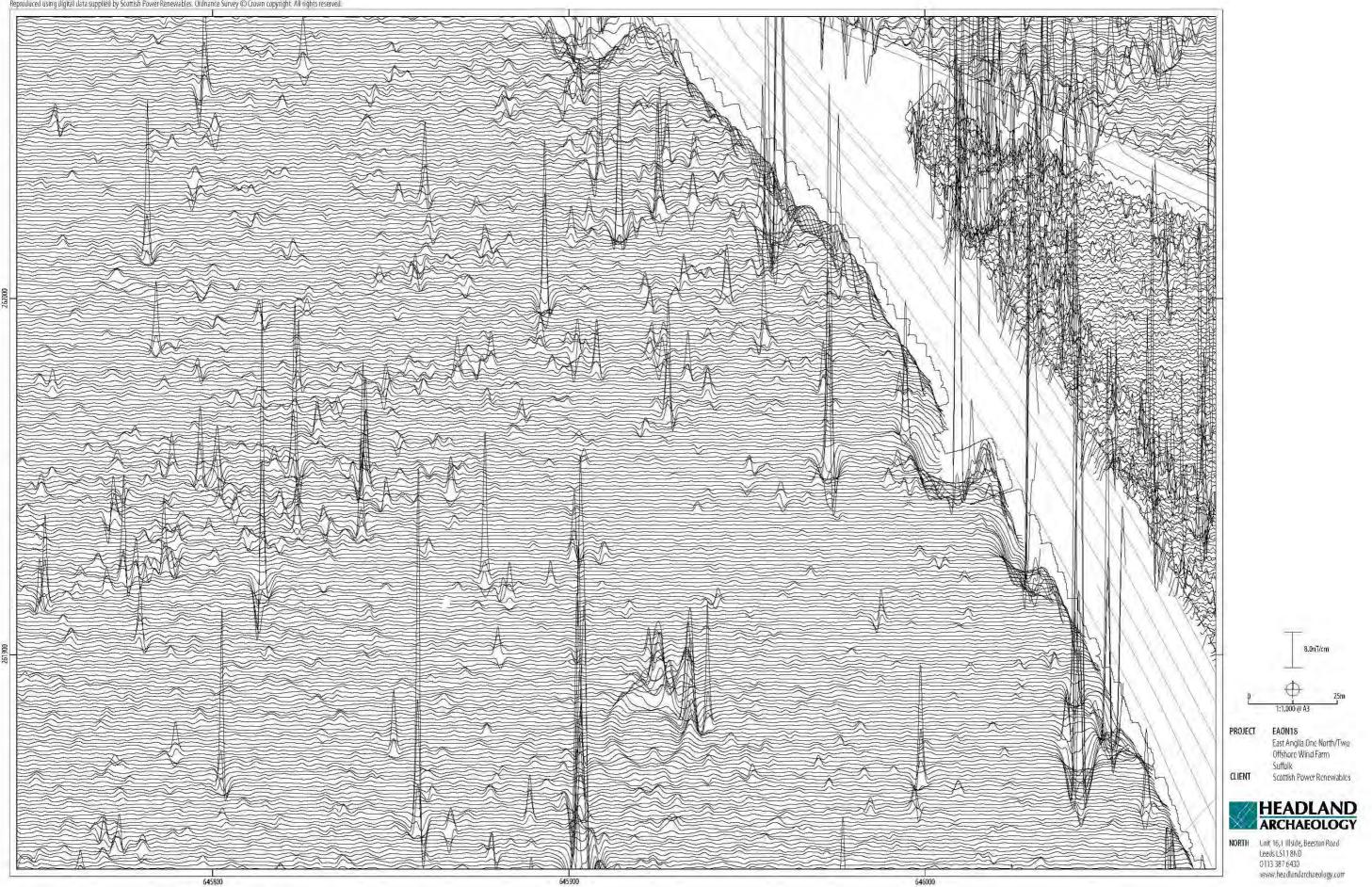


ILLUS 119 Interpretation of magnetometer data; AAA1-S7-11



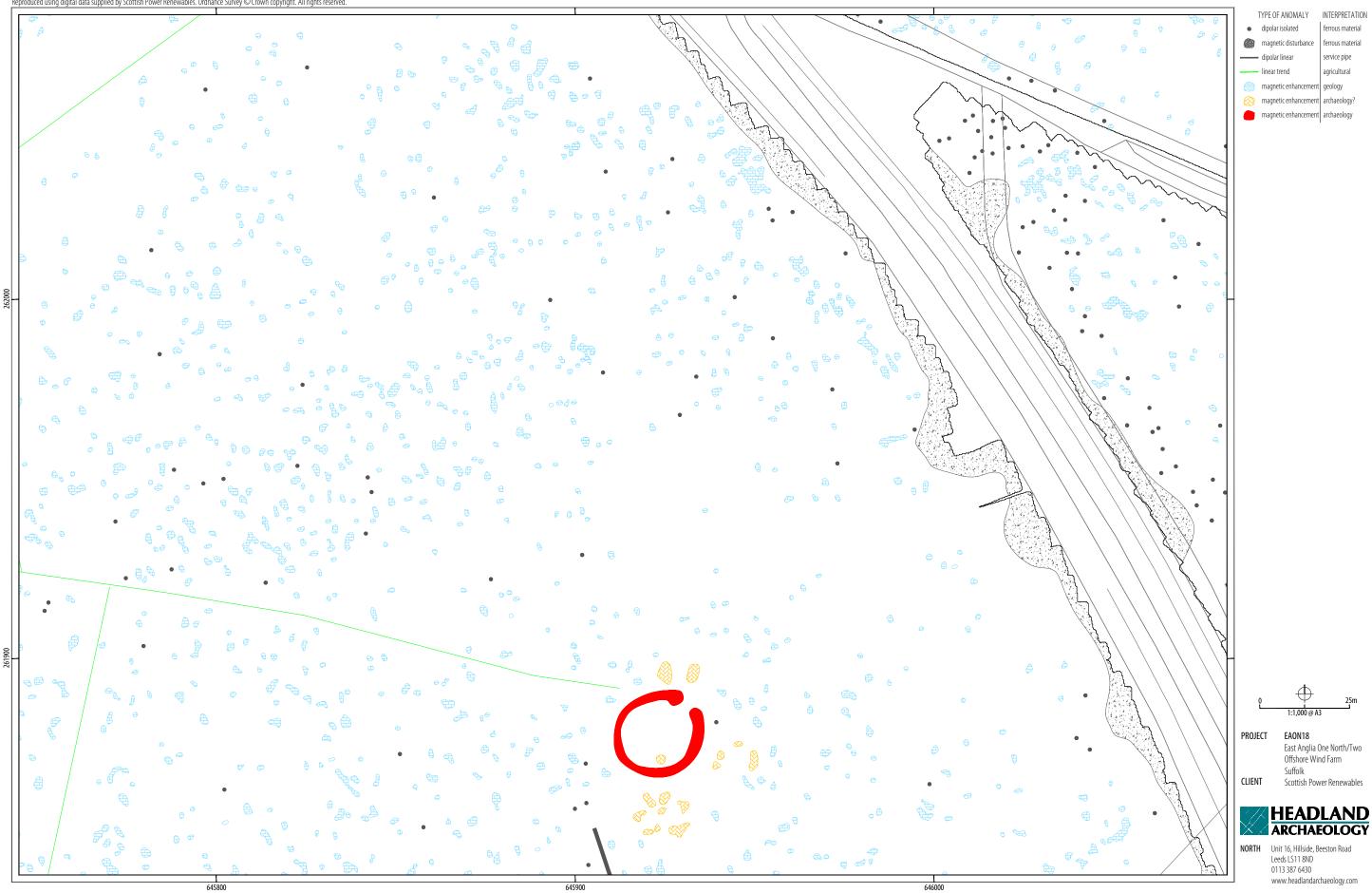
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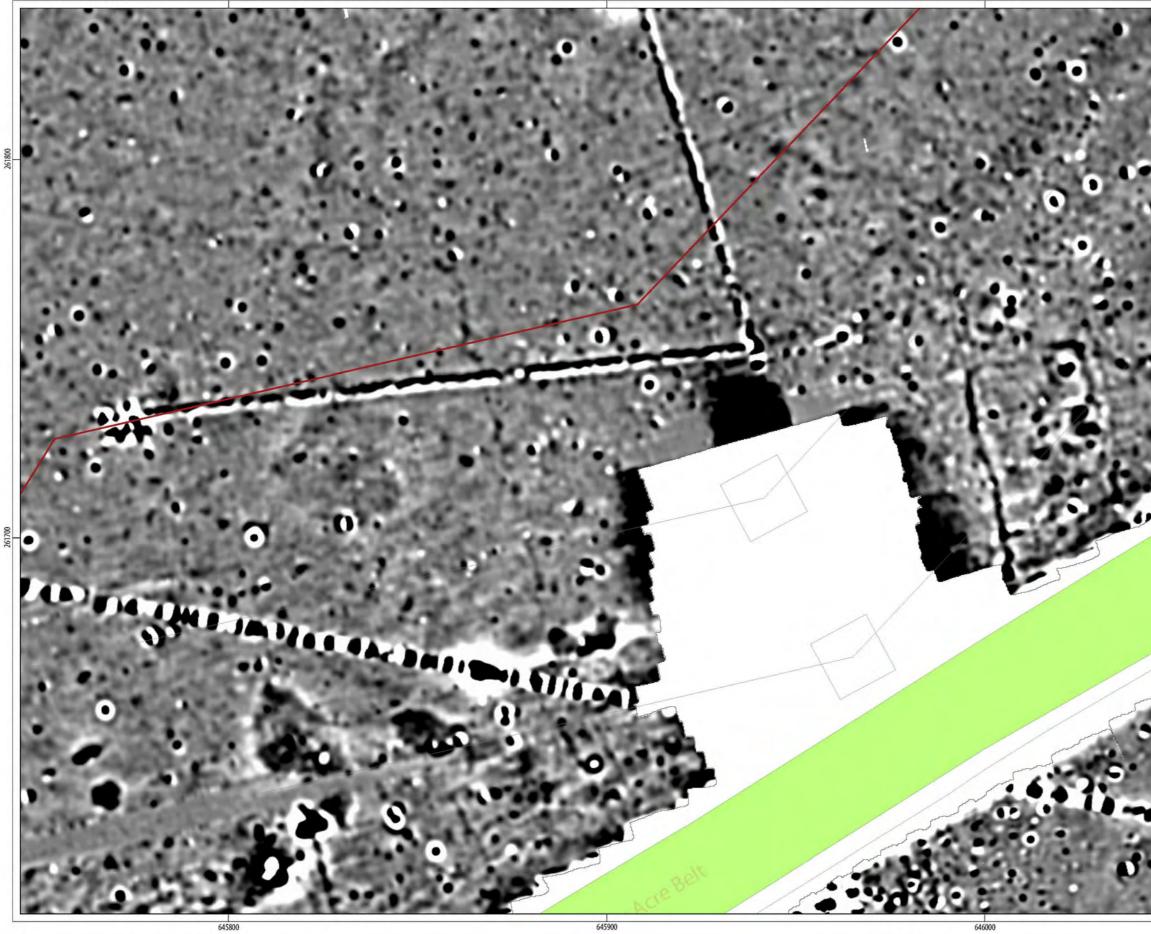


ILLUS 122 XY trace plot of minimally processed magnetometer data; AAA2-S8-12

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ILLUS 123 Interpretation of magnetometer data; AAA2-S8-12

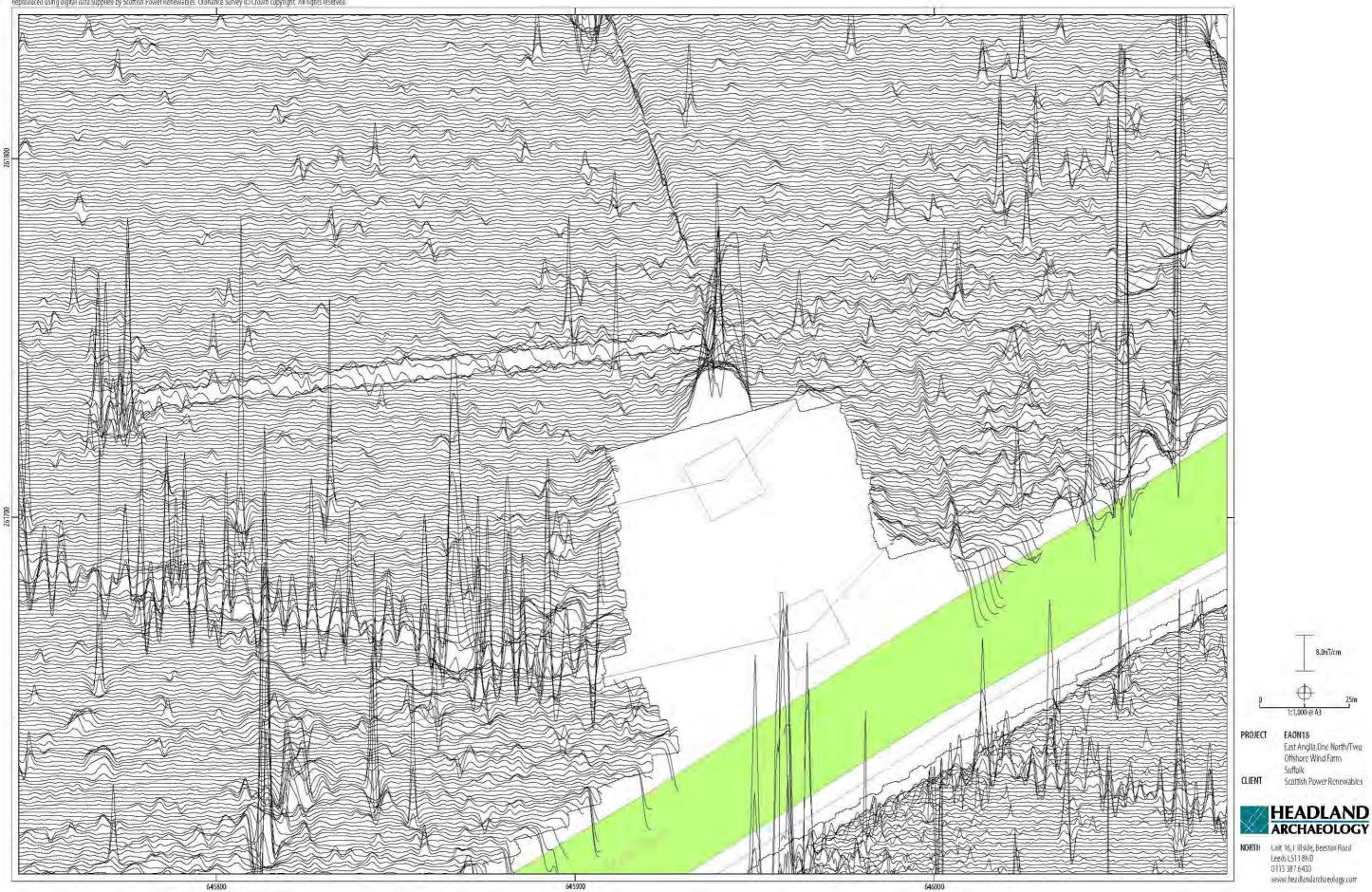


ILLUS 124 Processed greyscale magnetometer data; AAA2-S9-13



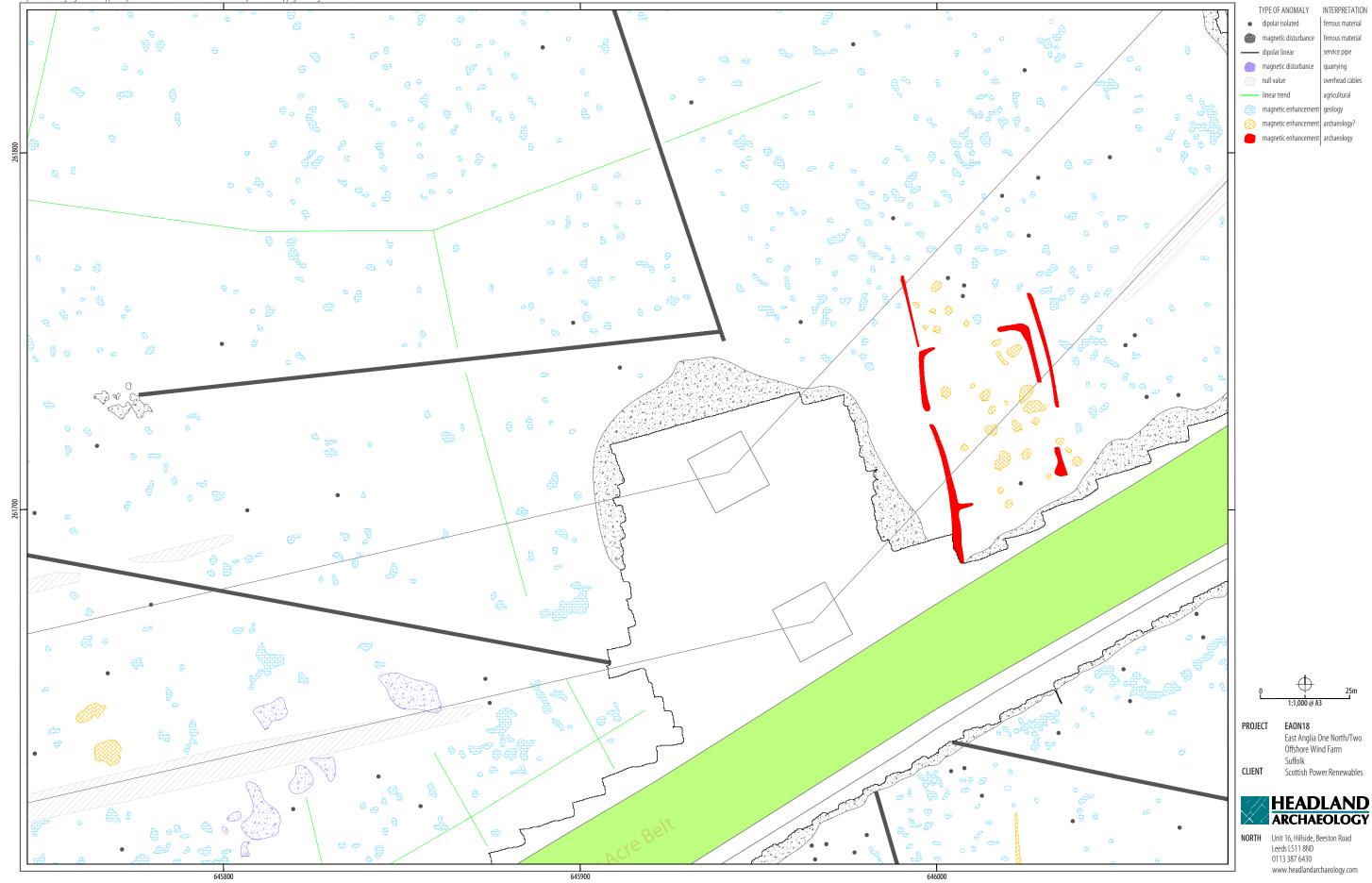


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ILLUS 125 XY trace plot of minimally processed magnetometer data; AAA2-59-13



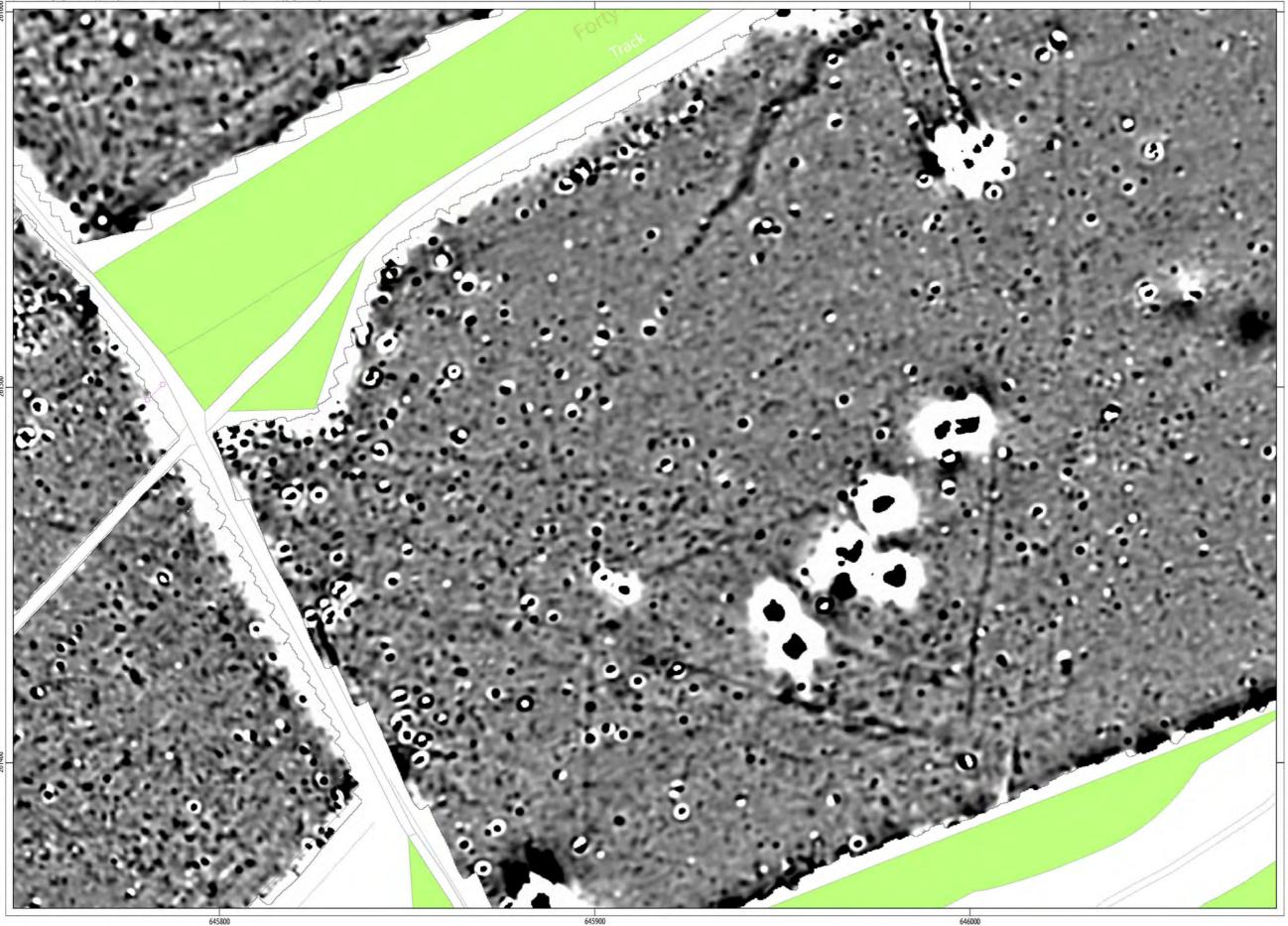


ILLUS 126 Interpretation of magnetometer data; AAA2-S9-13

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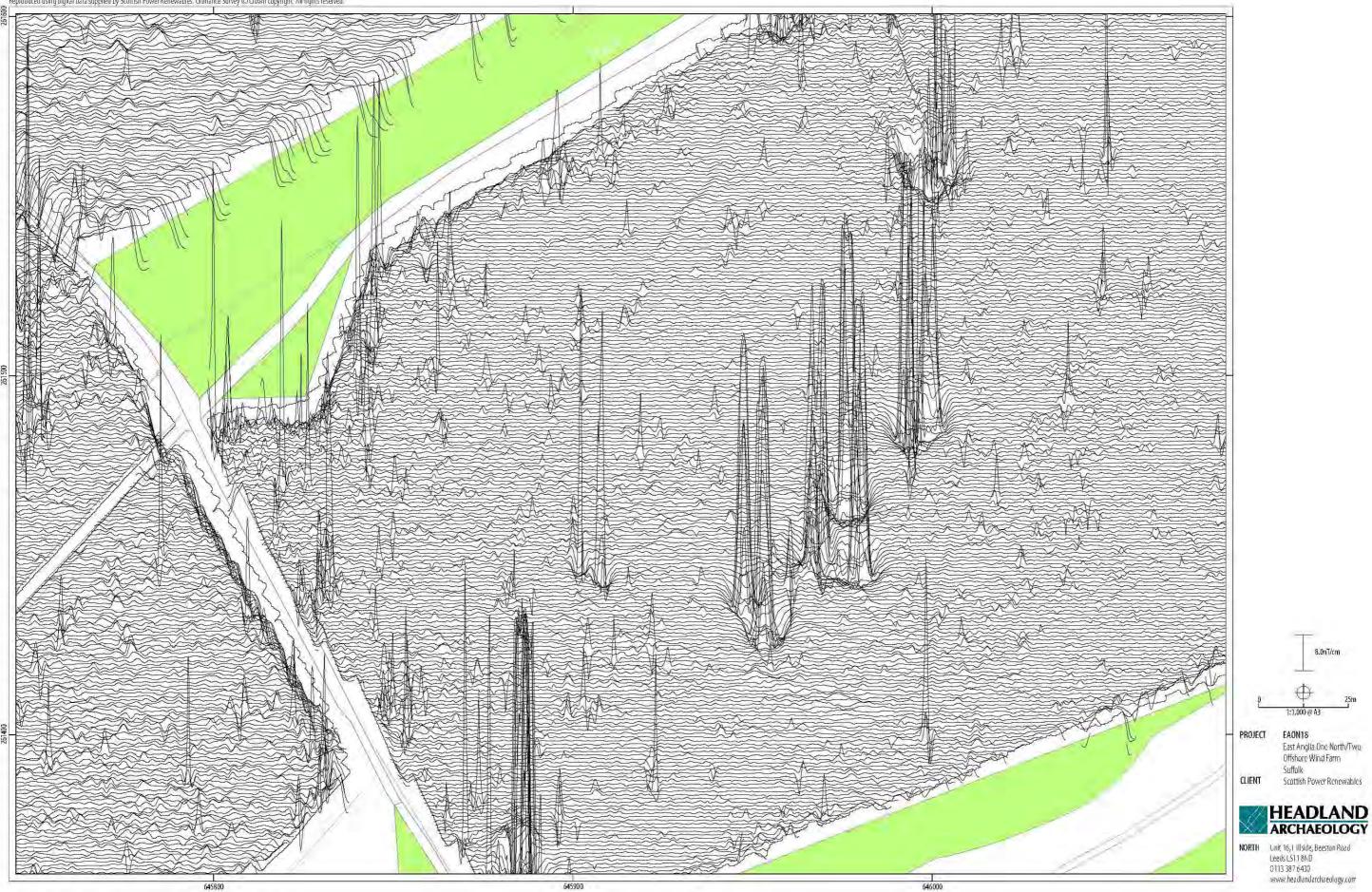
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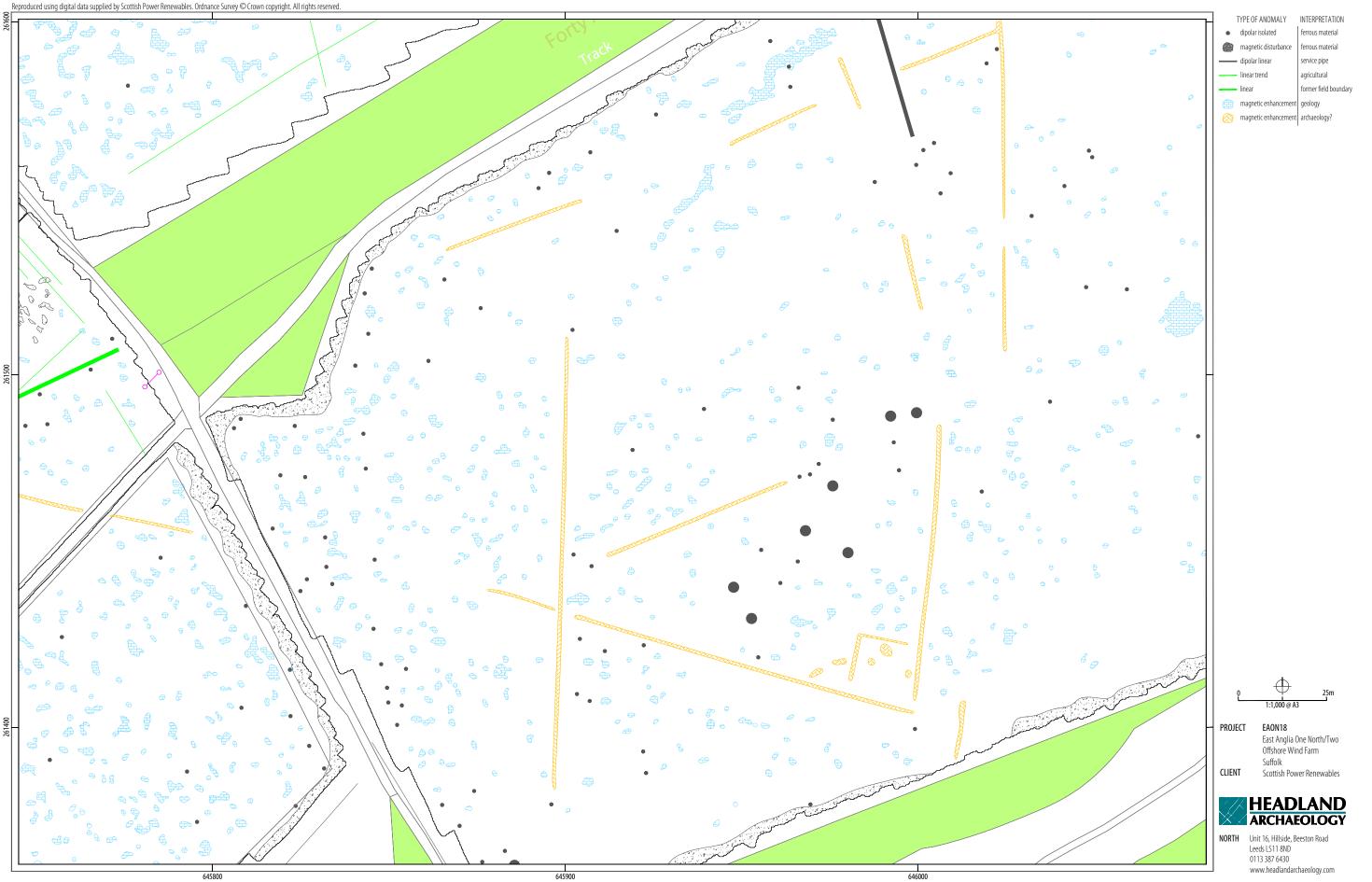


ILLUS 127 Processed greyscale magnetometer data; AAA2-S9-14

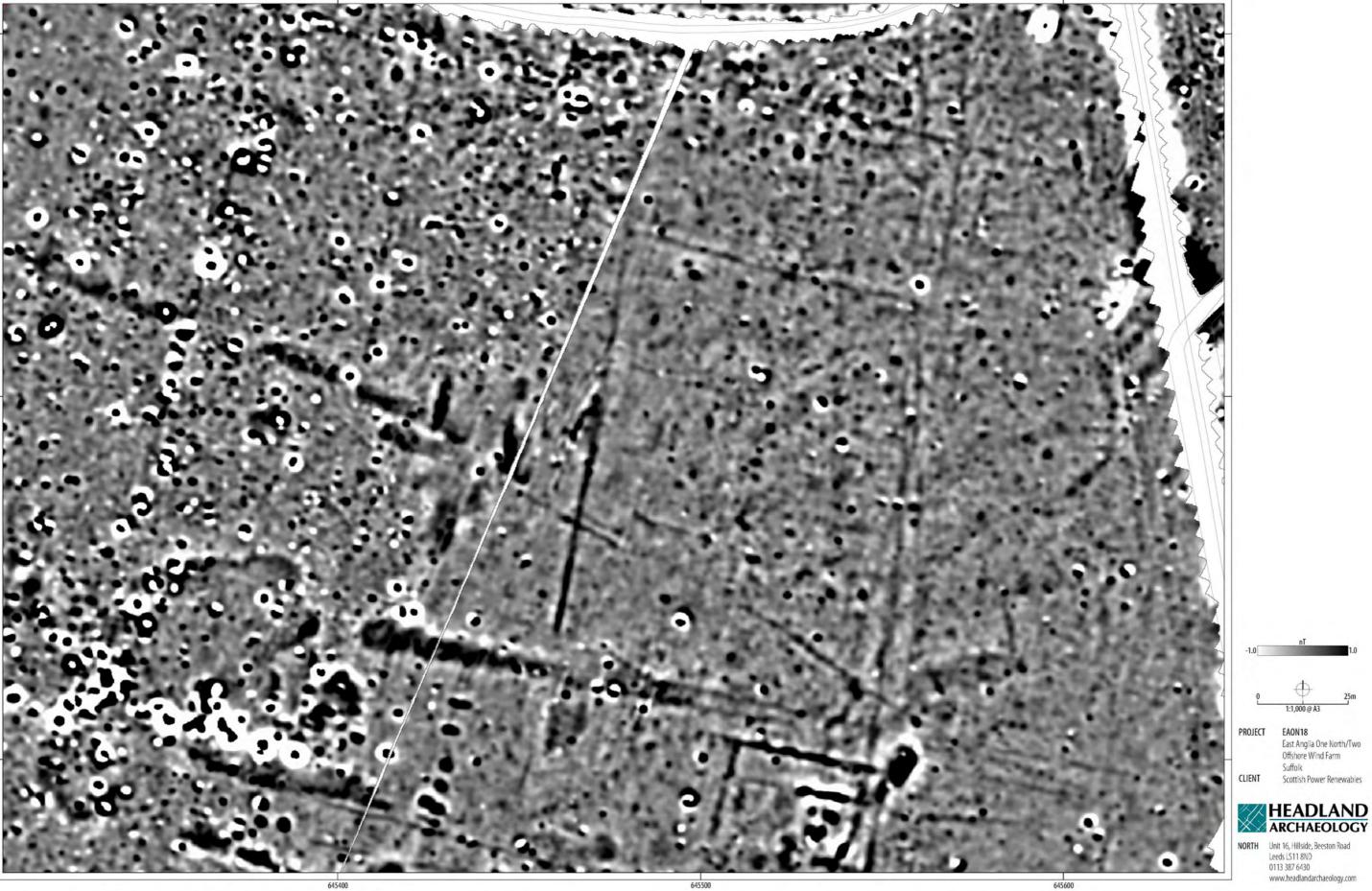
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PROJECT	EAON18 East Anglia One North/Two Offshore Wind Farm Suffolk
CLIENT	Scottish Power Renewables
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NORTH	Unit 16, Hillside, Beeston Road Leeds LS11 8ND 0113 387 6430 www.headlandarchaeology.com



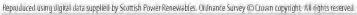
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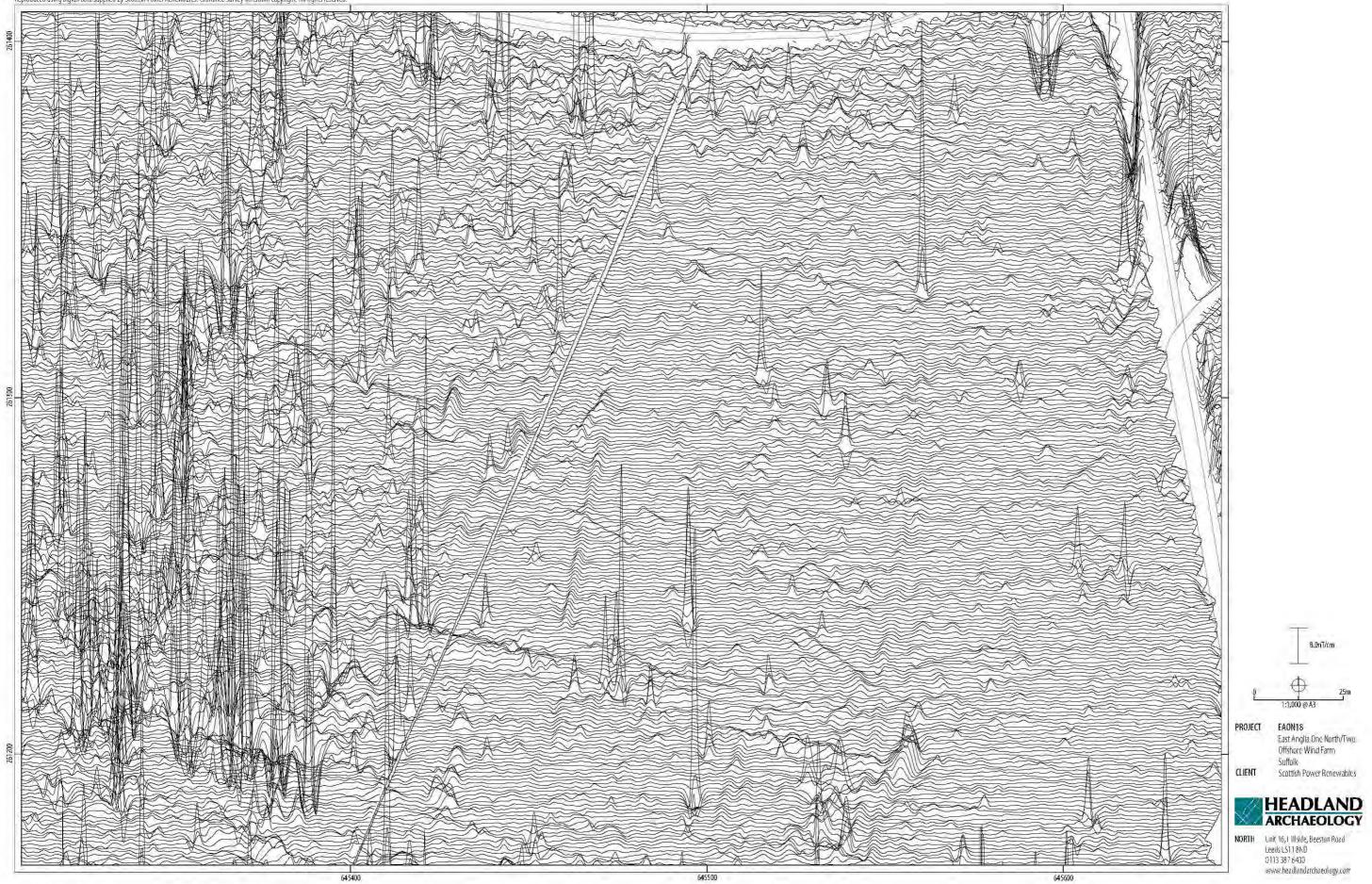


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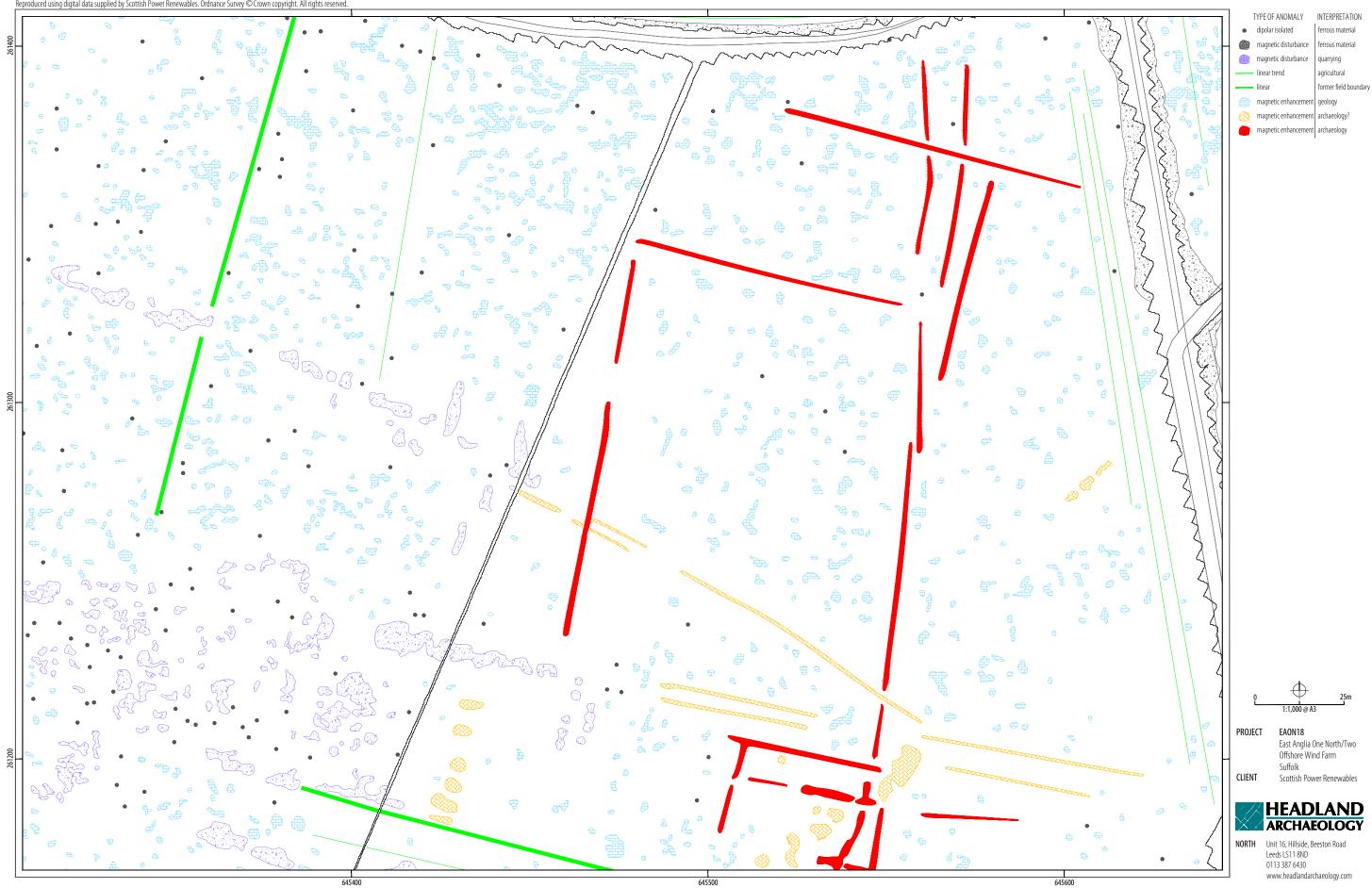


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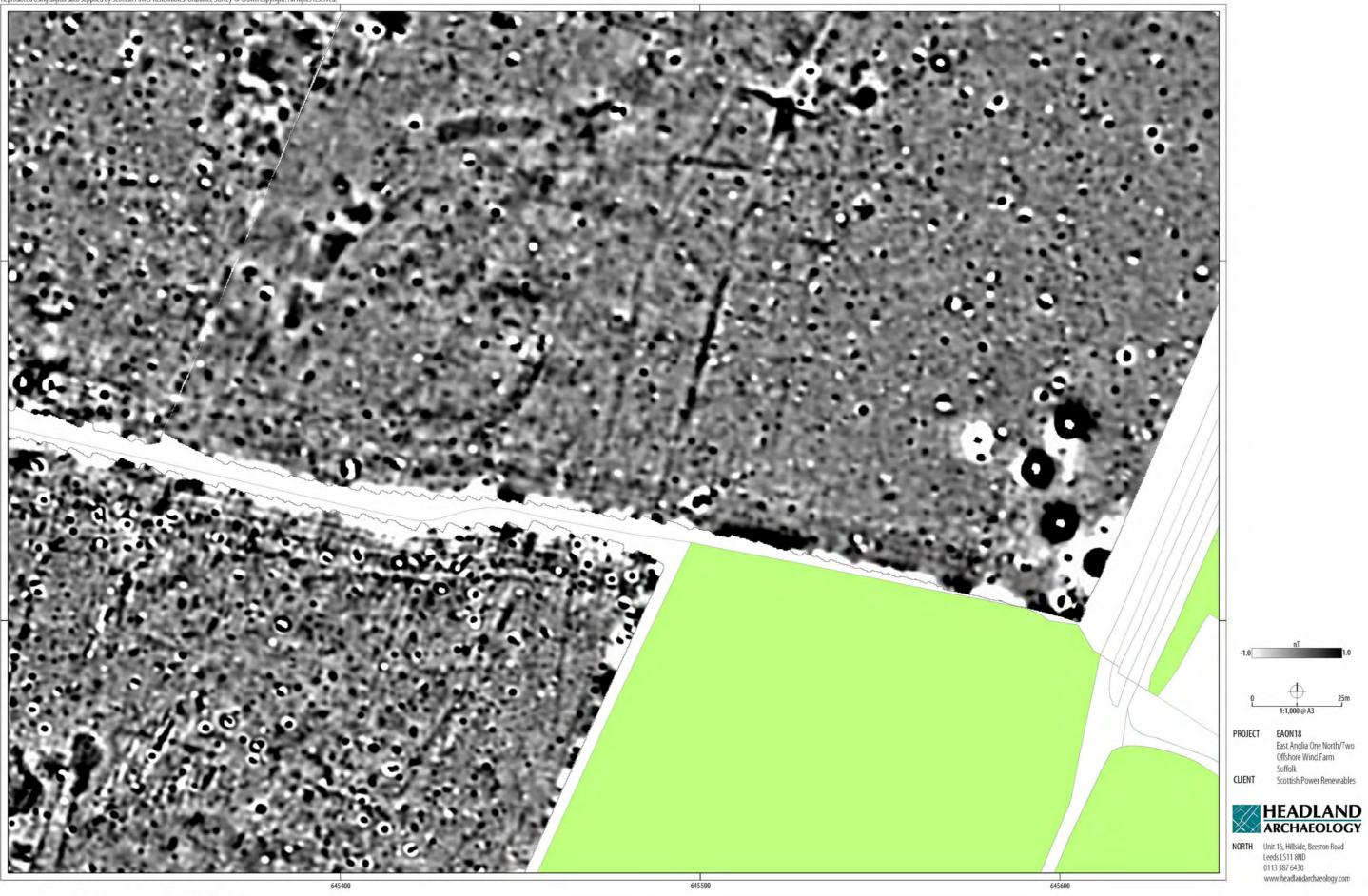




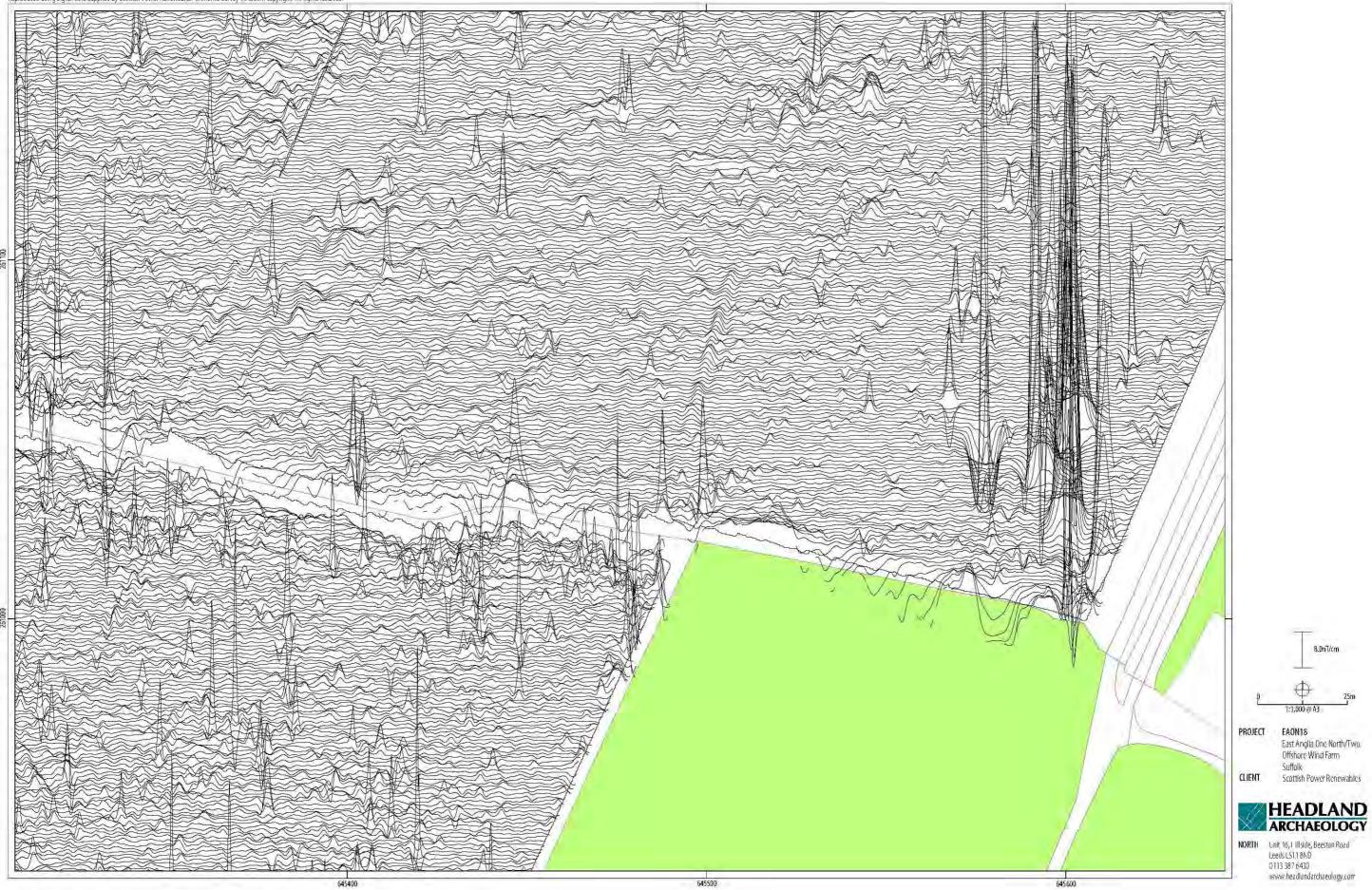
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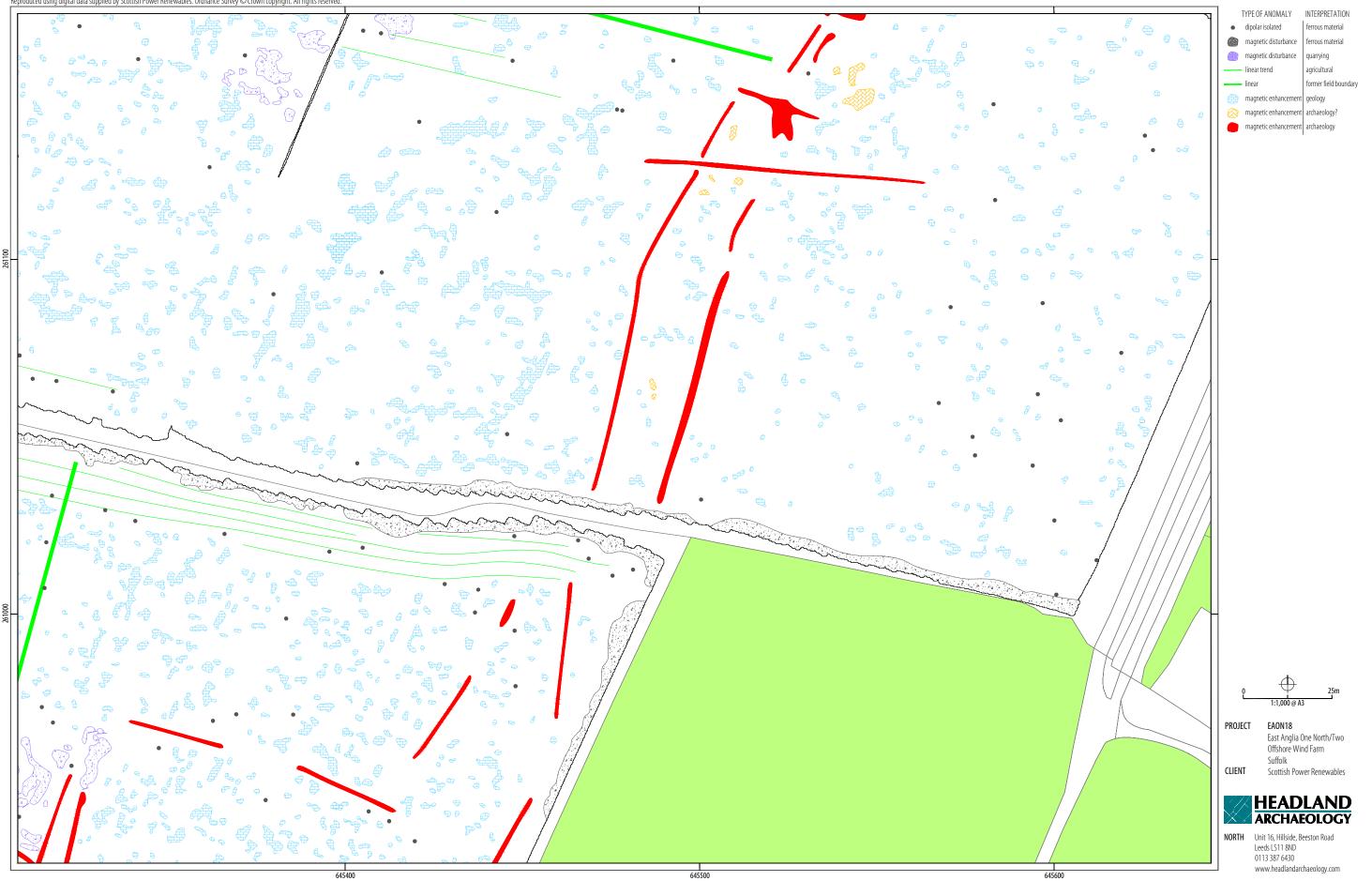
ILLUS 132 Interpretation of magnetometer data; AAA3-S11-15

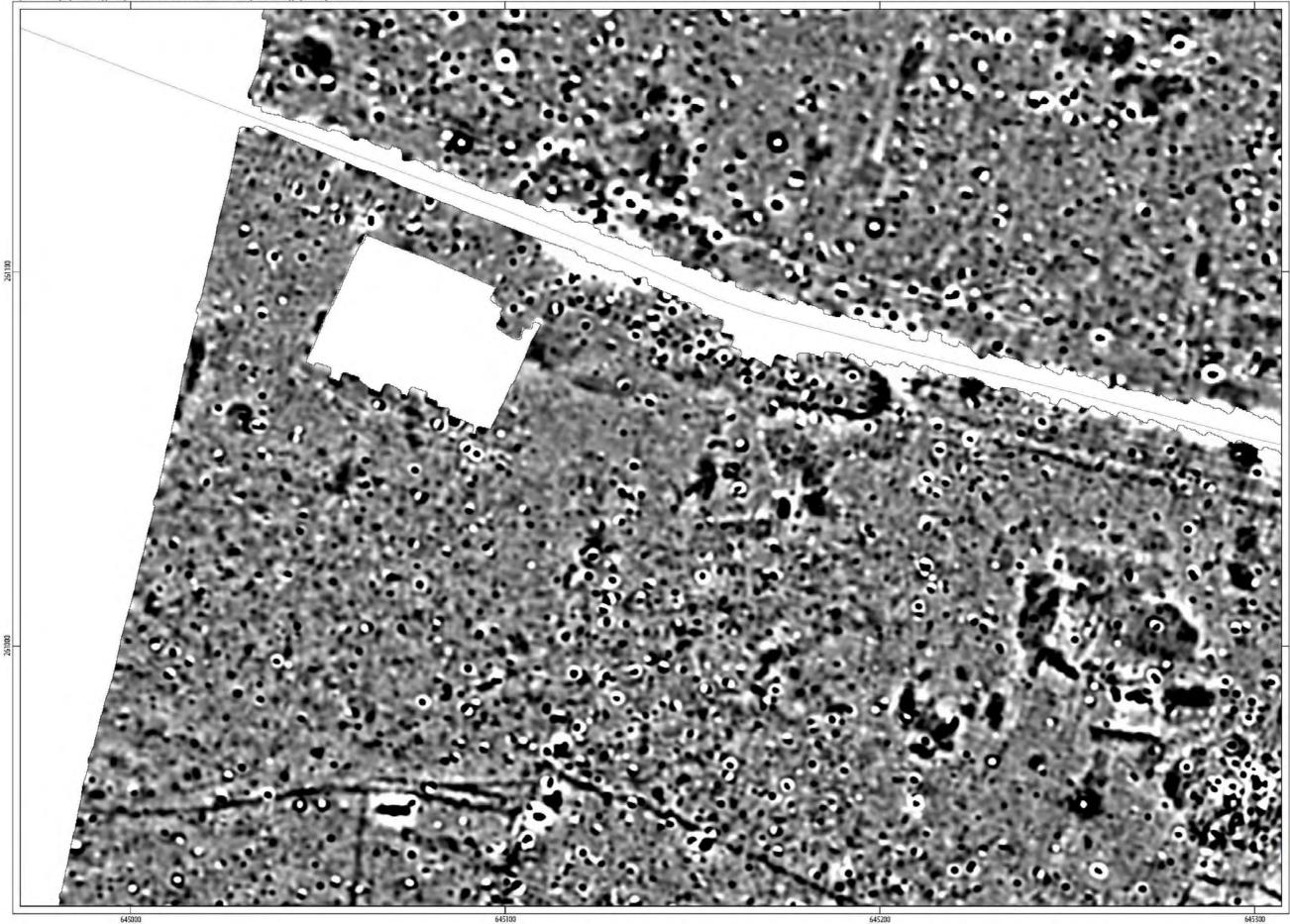


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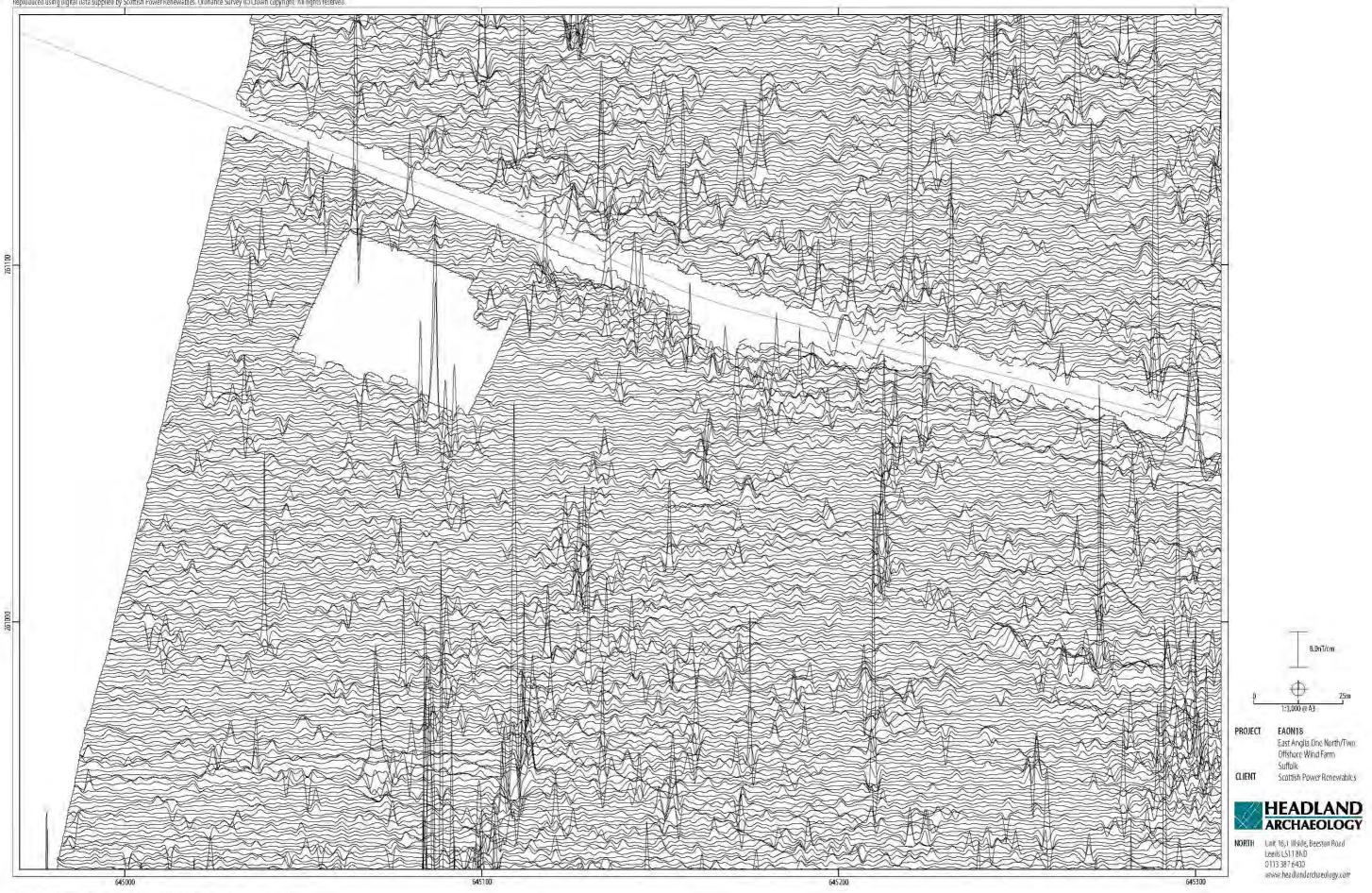




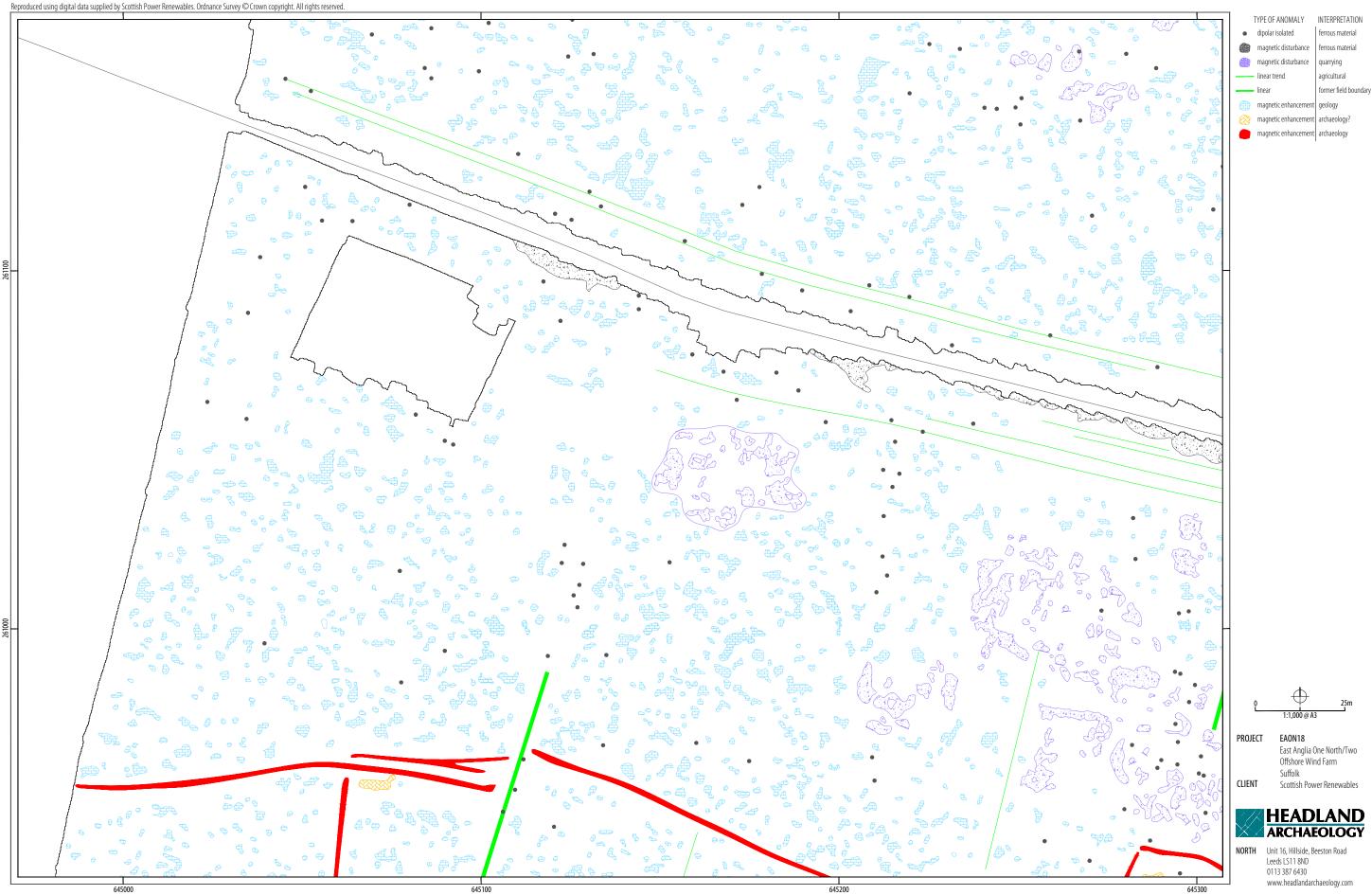
ILLUS 136 Processed greyscale magnetometer data; AAA3-S11-17



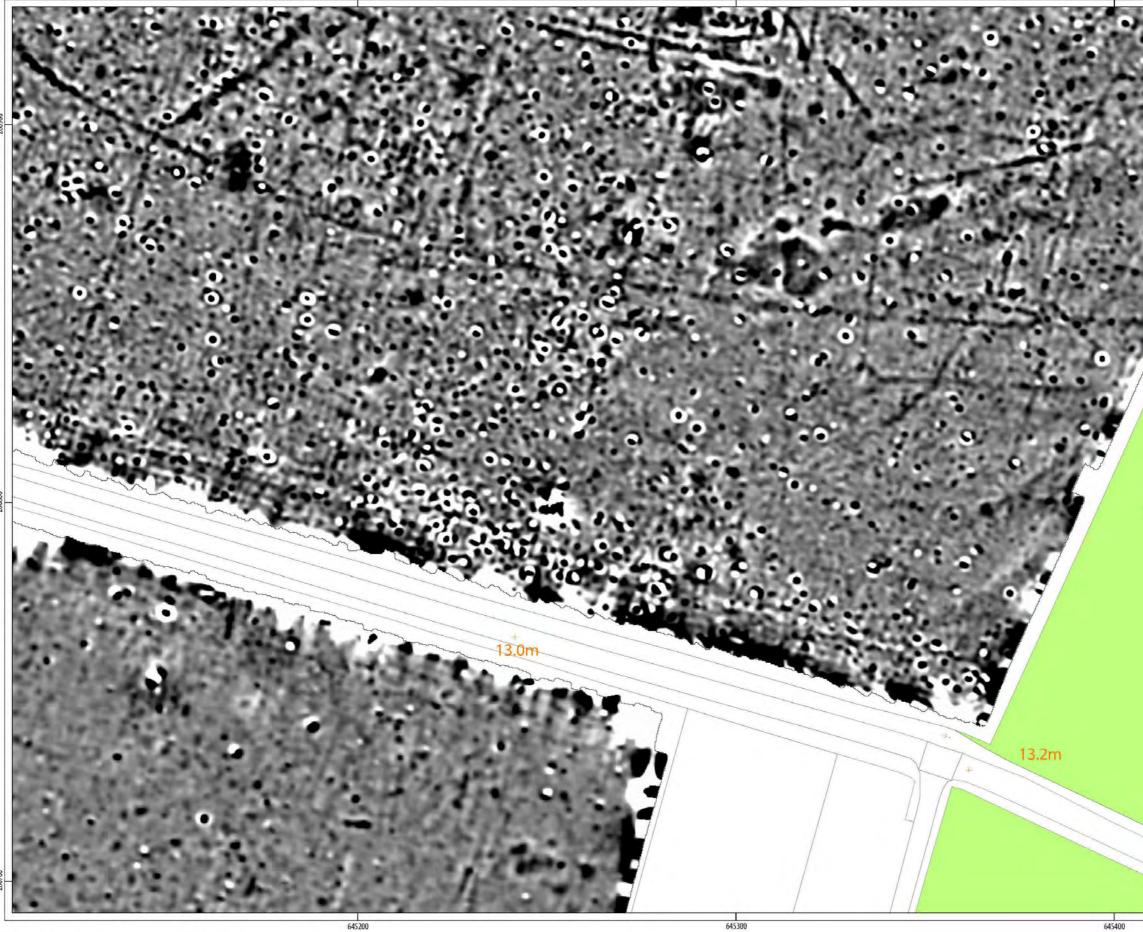
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ILLUS 137 XY trace plot of minimally processed magnetometer data; AAA3-S11-17

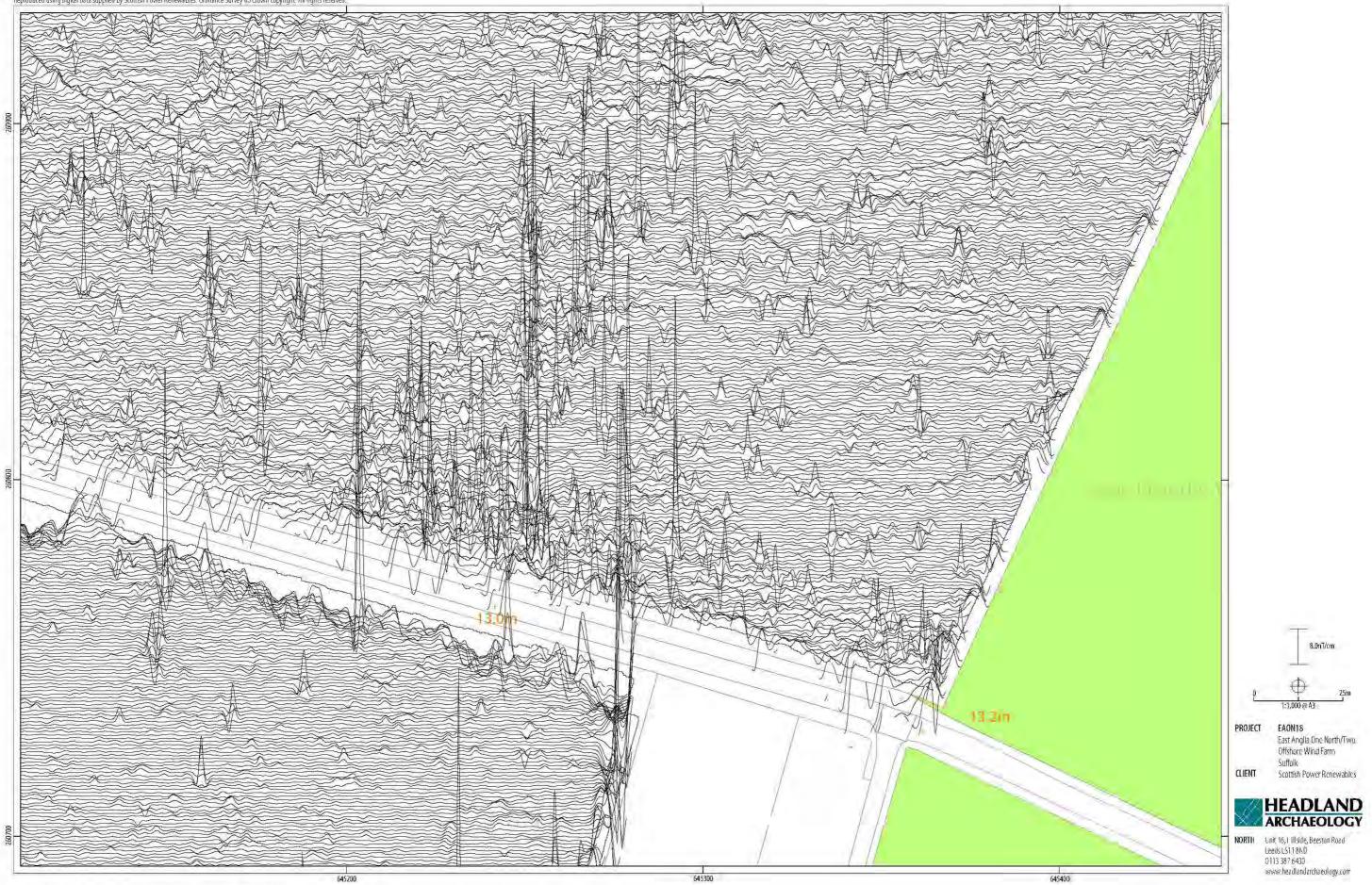


ILLUS 138 Interpretation of magnetometer data; AAA3-S11-17

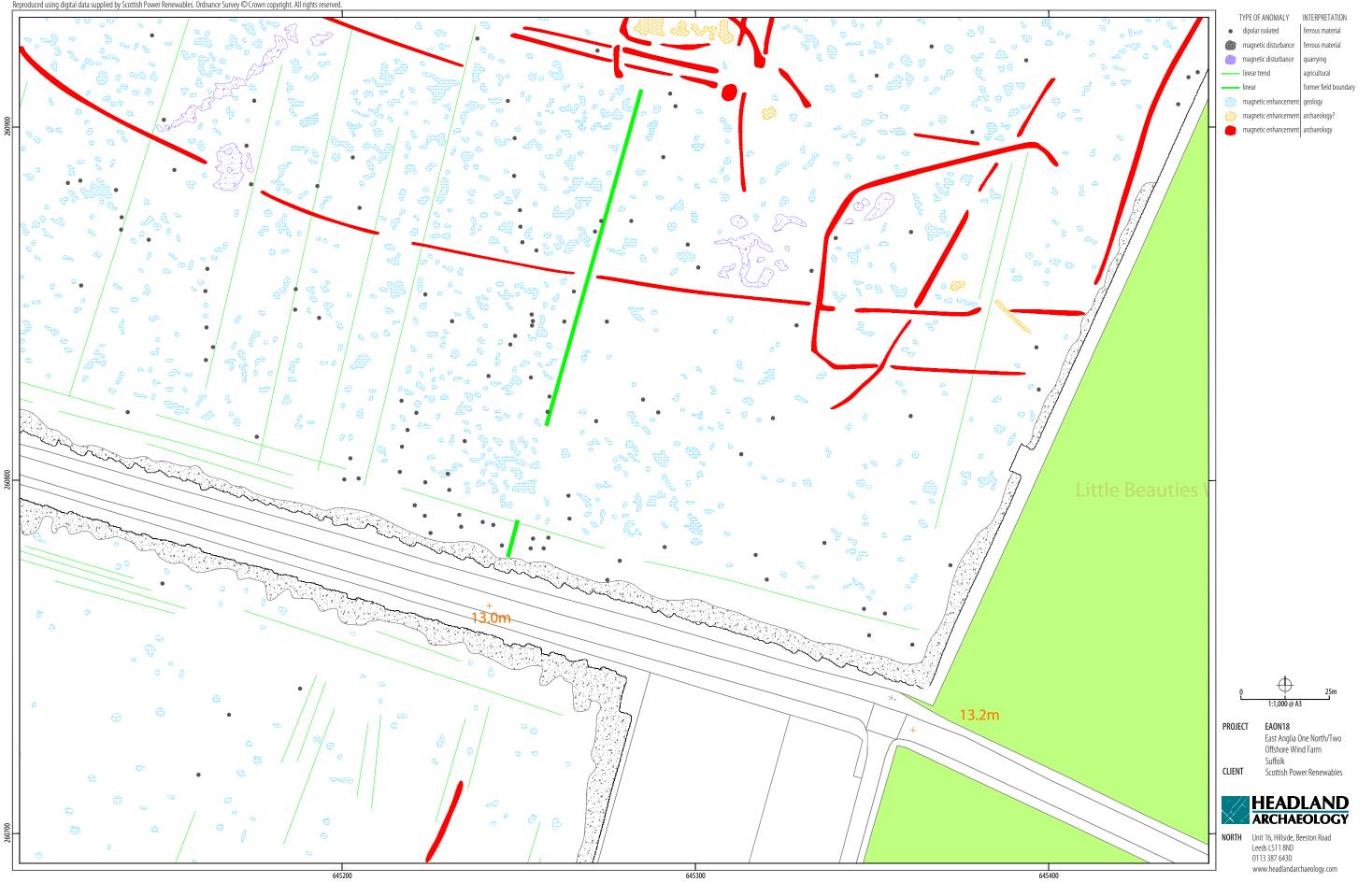


ILLUS 139 Processed greyscale magnetometer data; AAA3-S11-18

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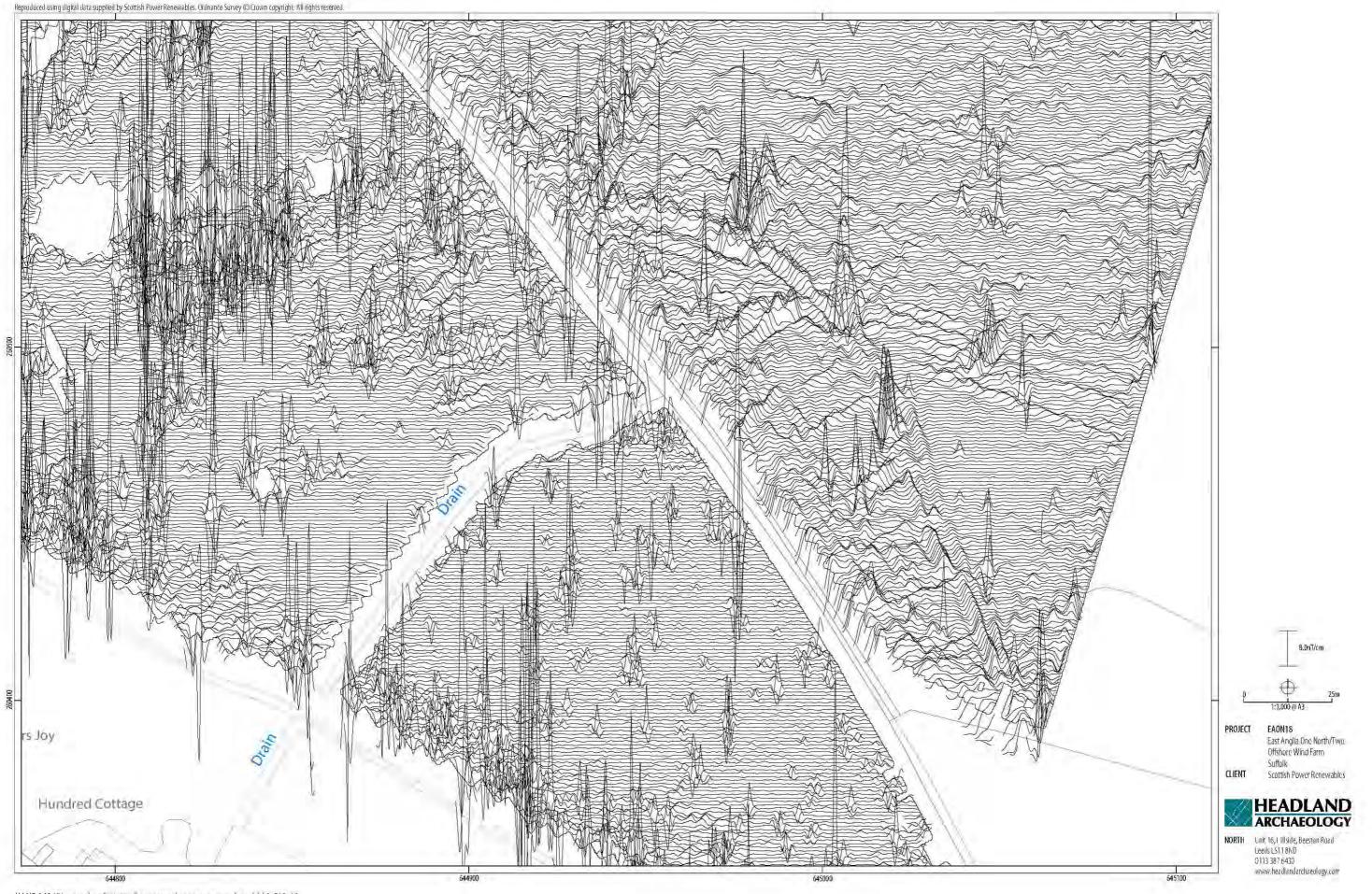


ILLUS 141 Interpretation of magnetometer data; AAA3-S11-18

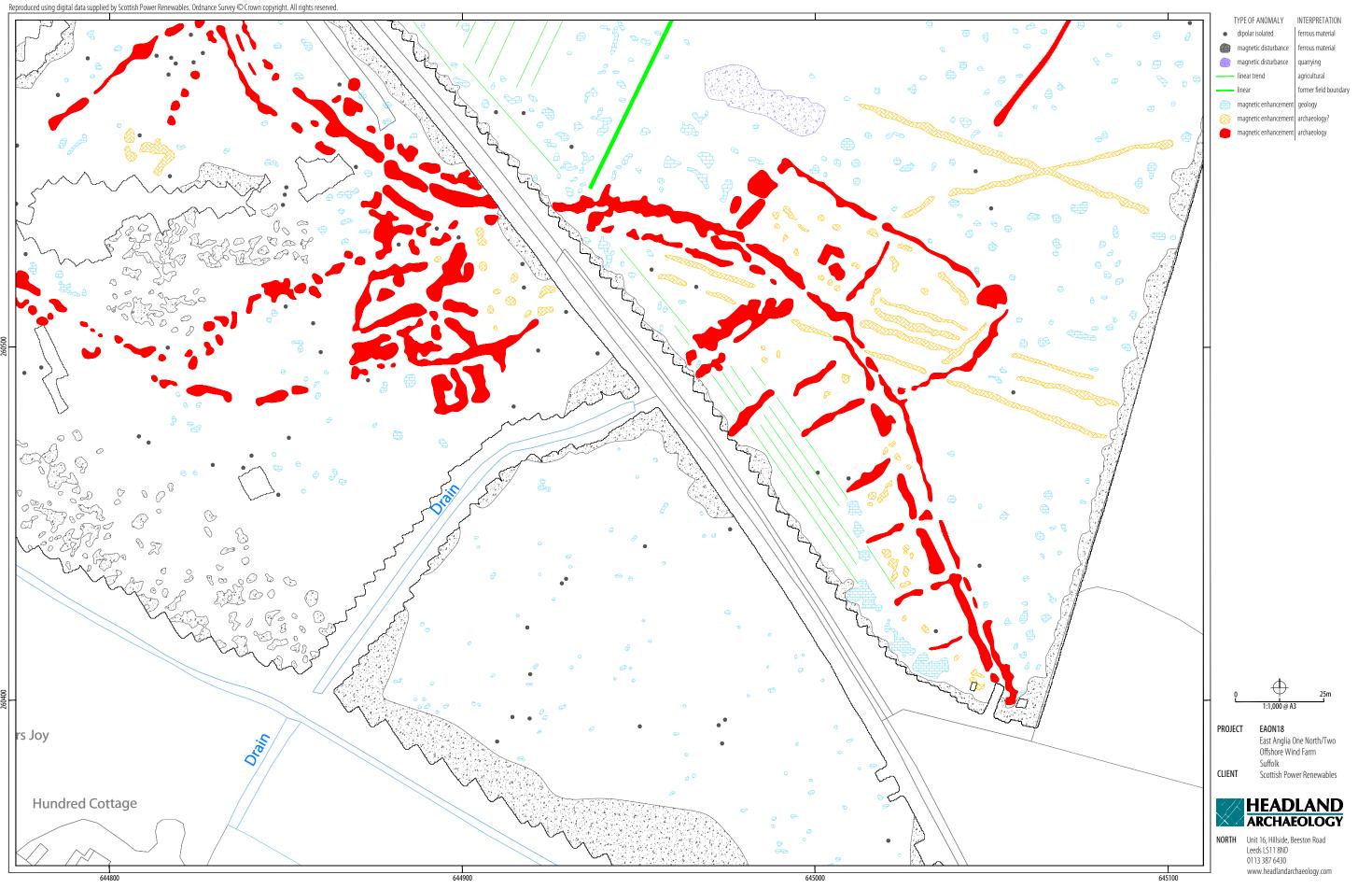


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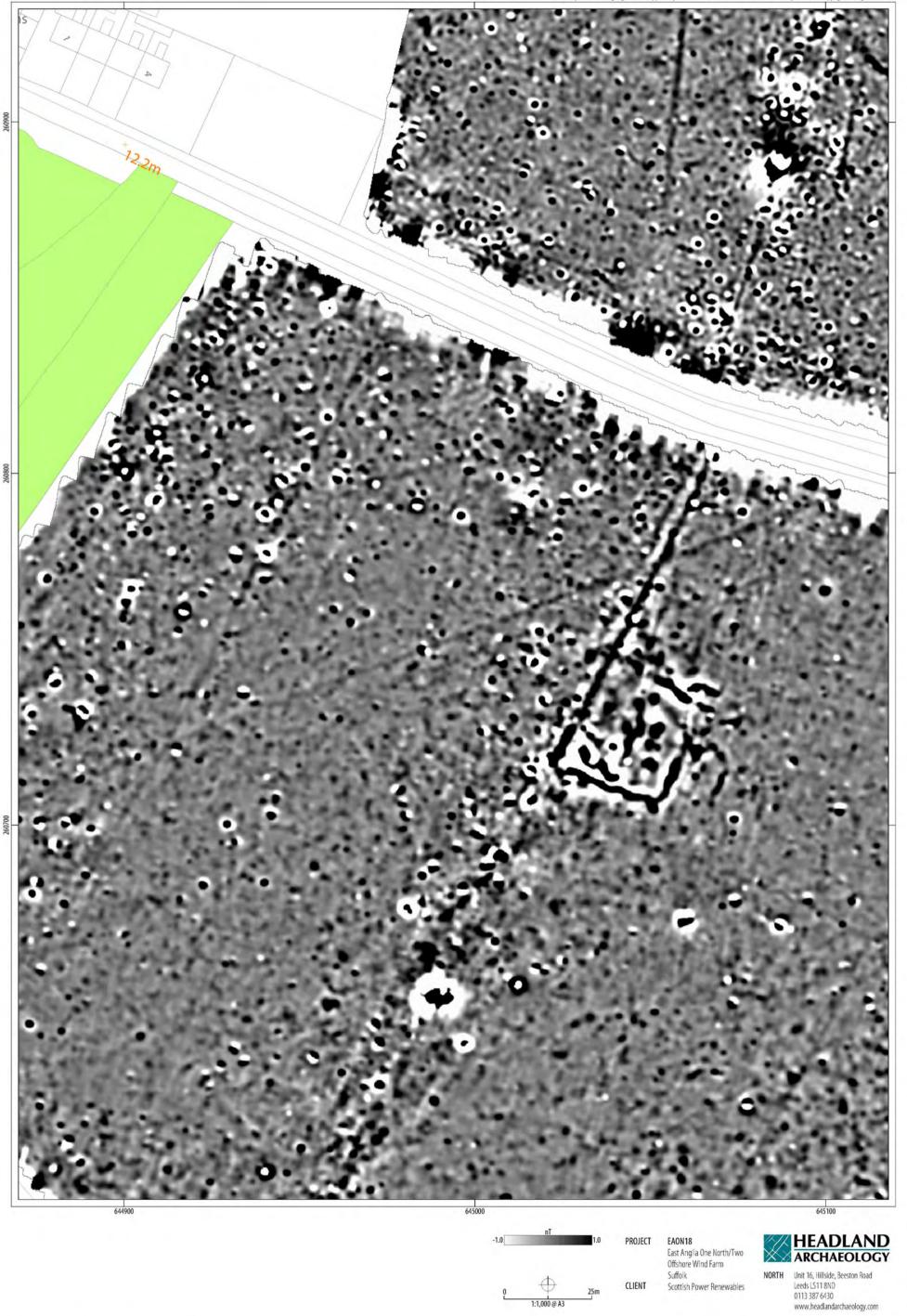




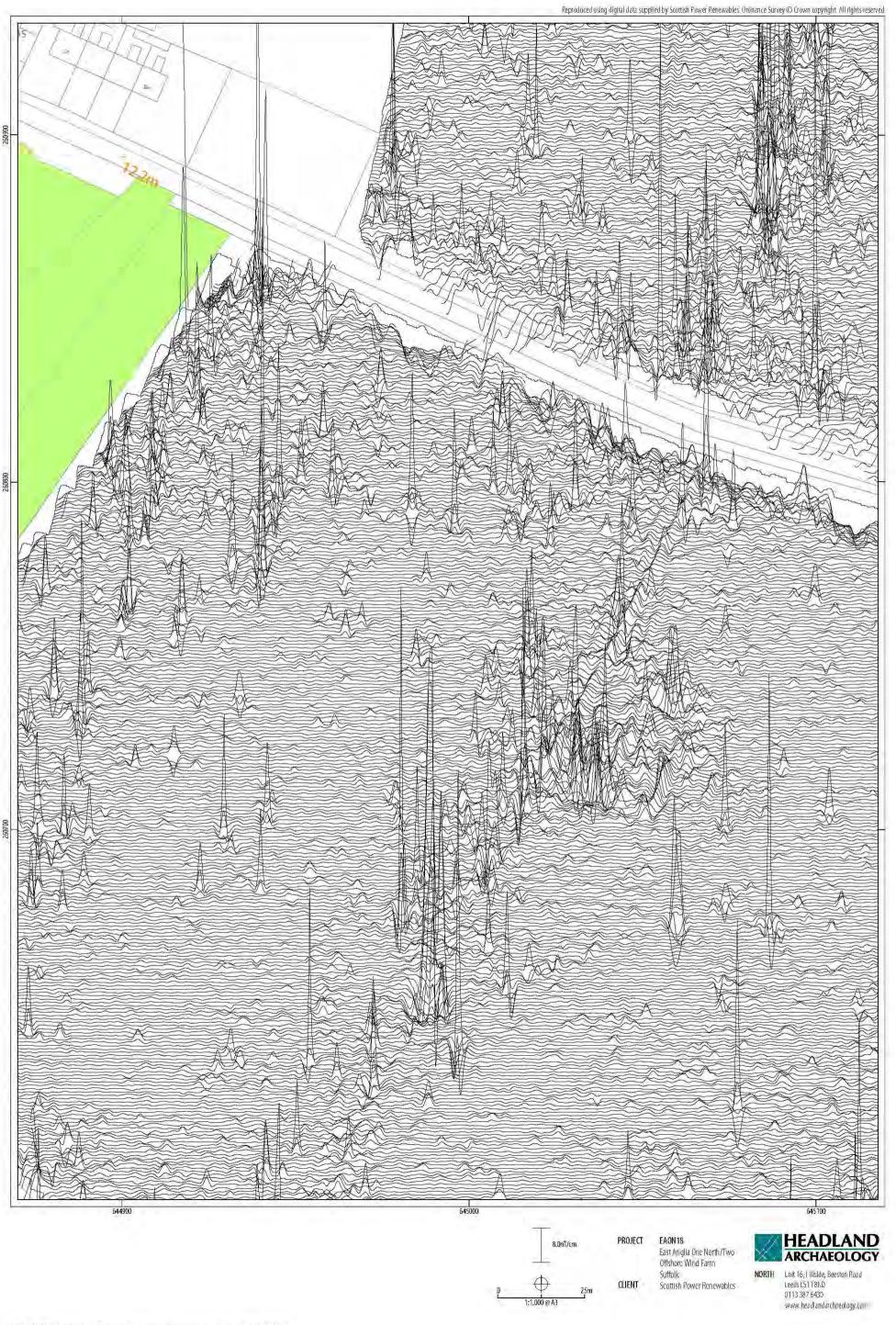
ILLUS 143 XY trace plot of minimally processed magnetometer data; AAA3-S12-19



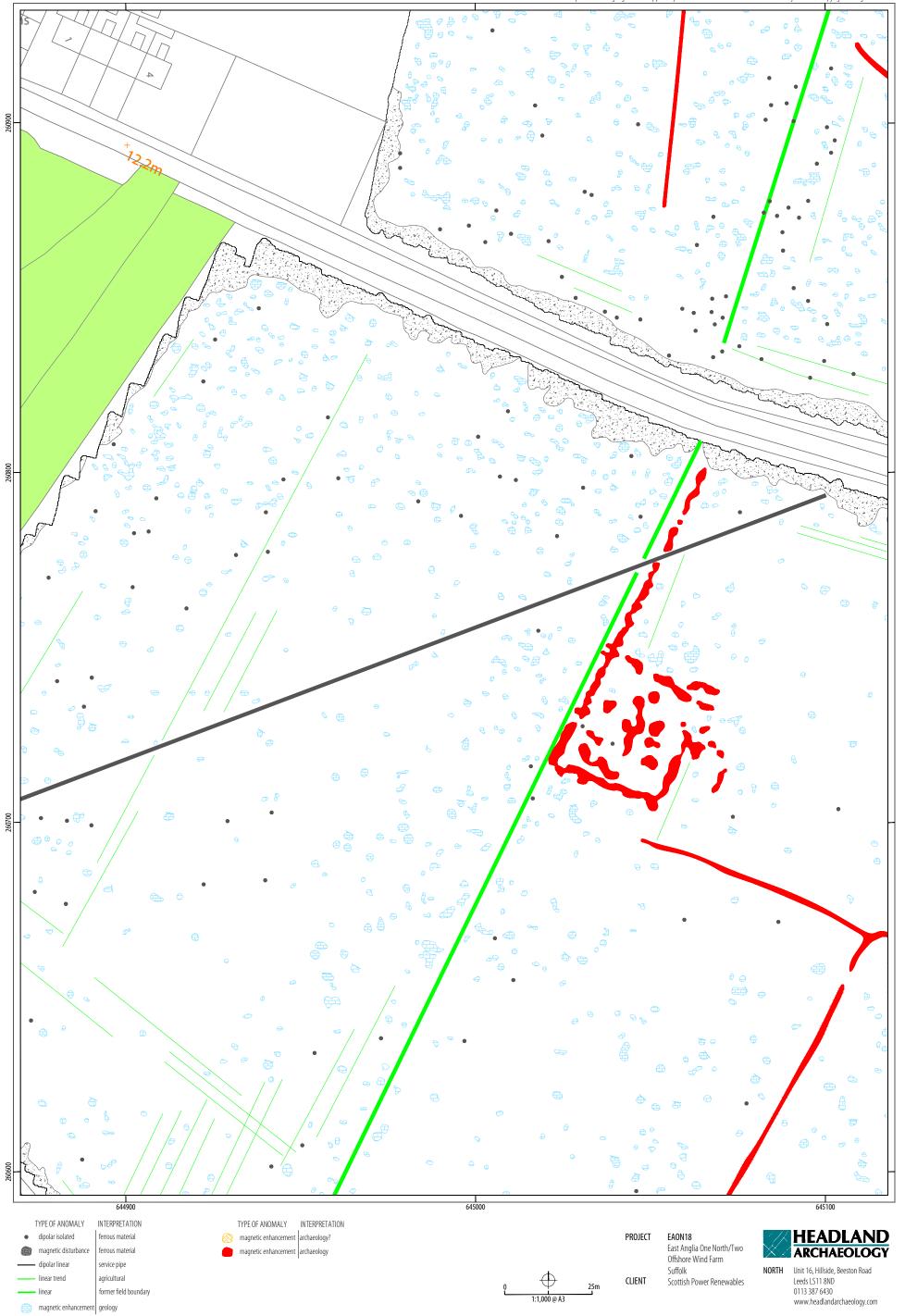
ILLUS 144 Interpretation of magnetometer data; AAA3-S12-19



ILLUS 145 Processed greyscale magnetometer data; AAA3-S12-20



ILLUS 146 XY trace plot of minimally processed magnetometer data; AAA3-S12-20



ILLUS 147 Interpretation of magnetometer data; AAA3-S12-20

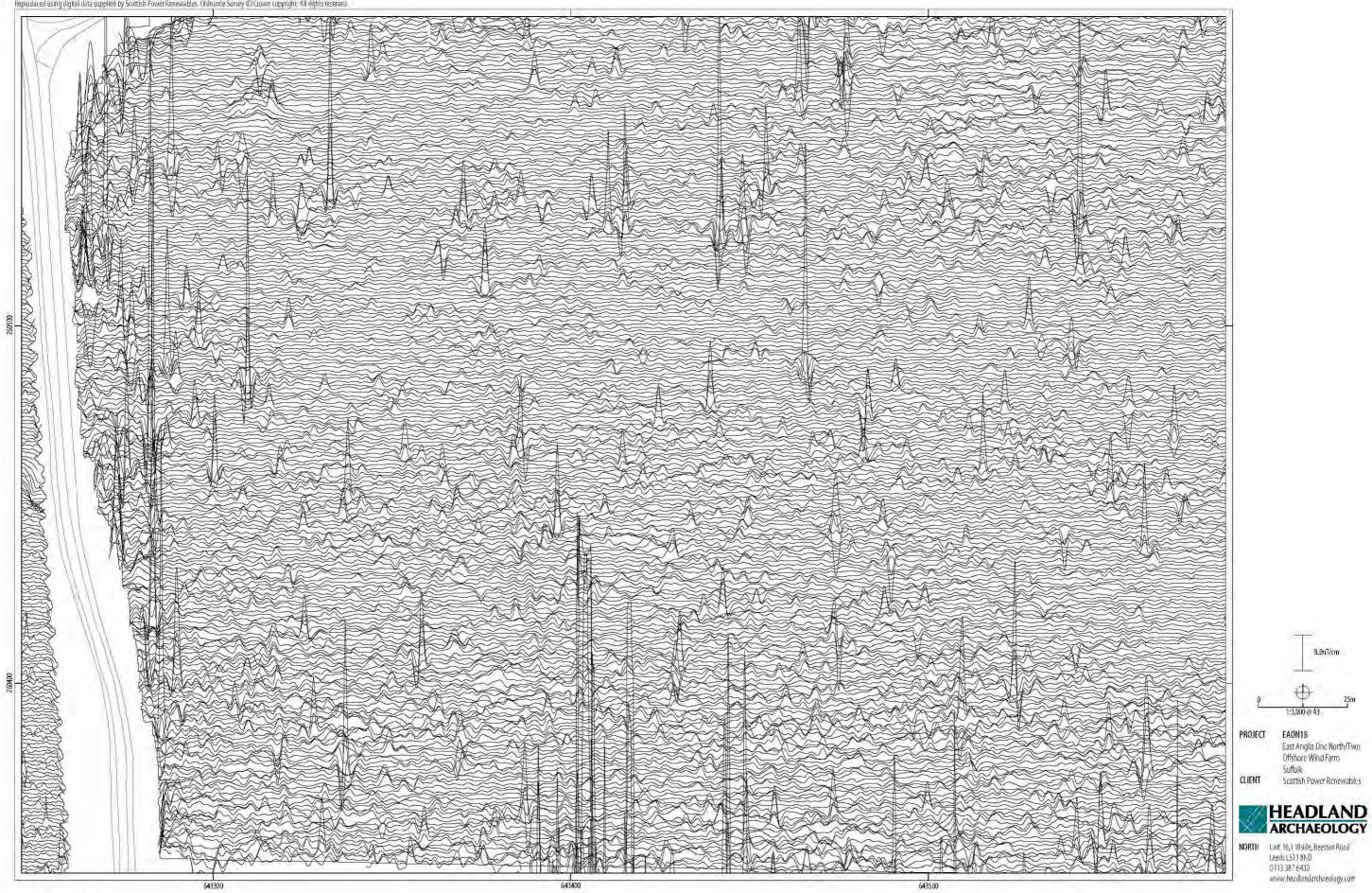


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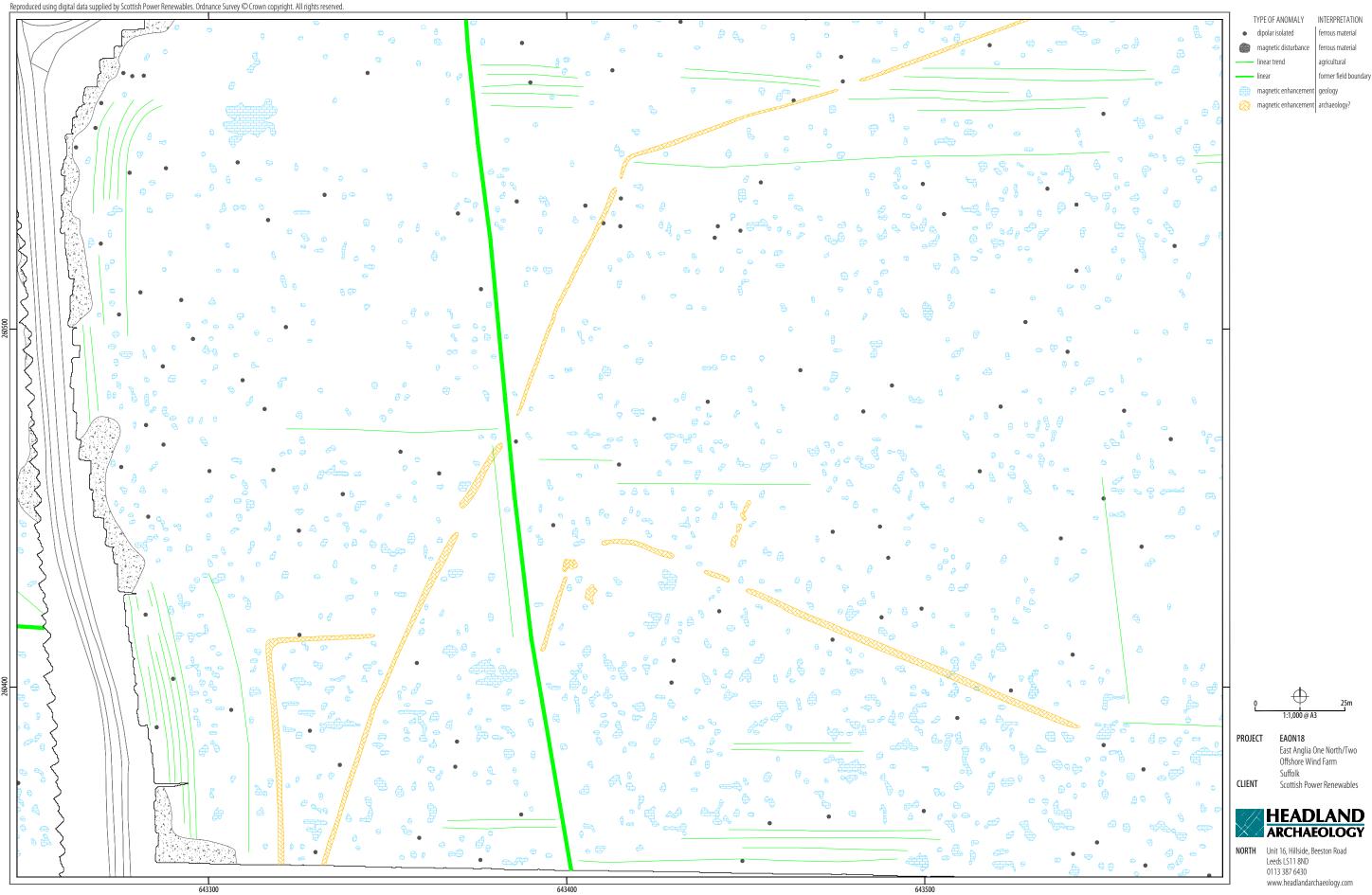
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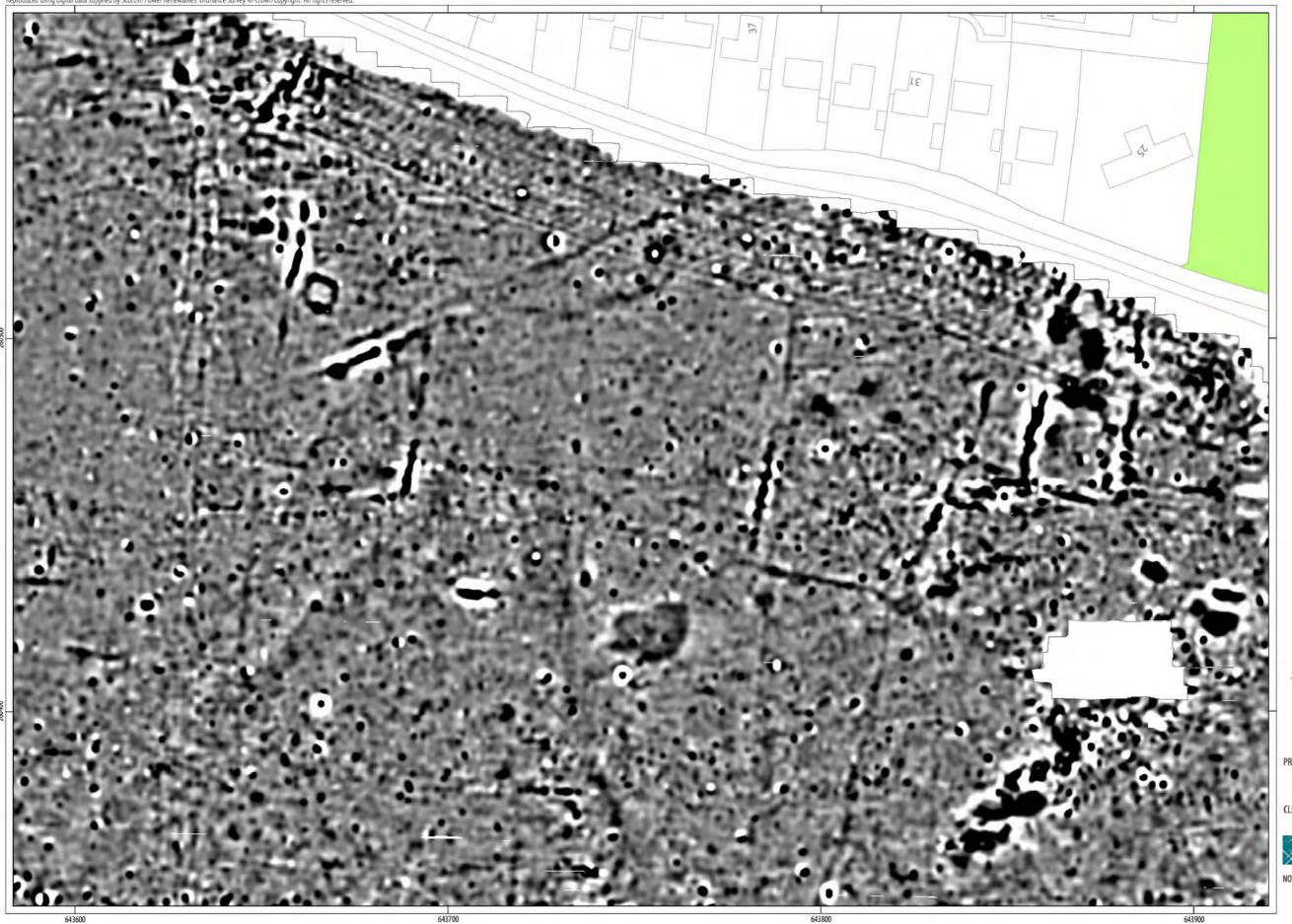


ILLUS 149 XY trace plot of minimally processed magnetometer data; AAA4-S15-21



ILLUS 150 Interpretation of magnetometer data; AAA4–S15-21

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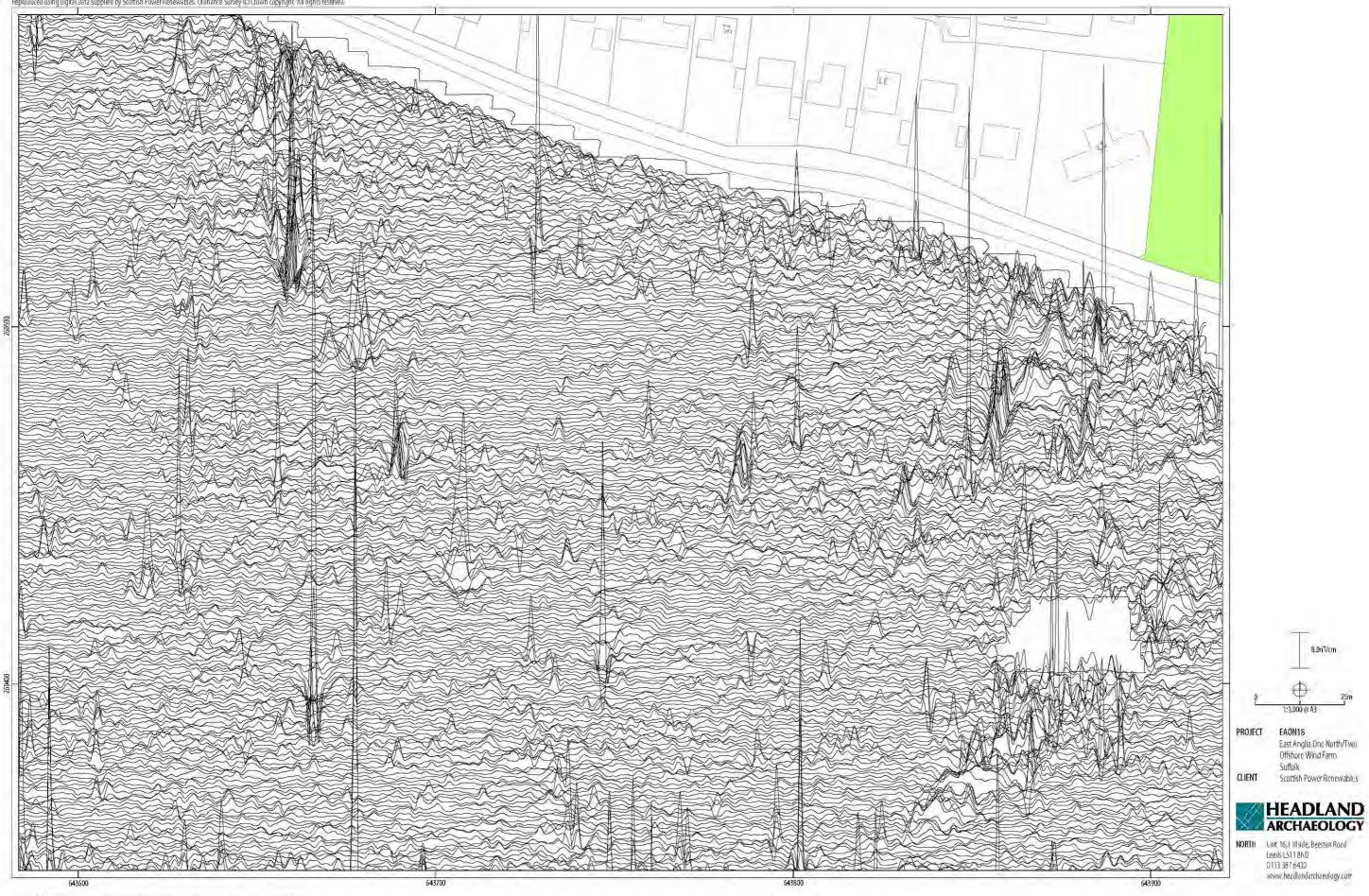


ILLUS 151 Processed greyscale magnetometer data; AAA4–S15–22

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PROJECT	EAON18 East Anglia One North/Two Offshore Wind Farm Suffolk
CLIENT	Scottish Power Renewables
	HEADLAND ARCHAEOLOGY
NORTH	Unit 16, Hillside, Beeston Road Leeds LS11 8ND 0113 387 6430 www.headlandarchaeology.com

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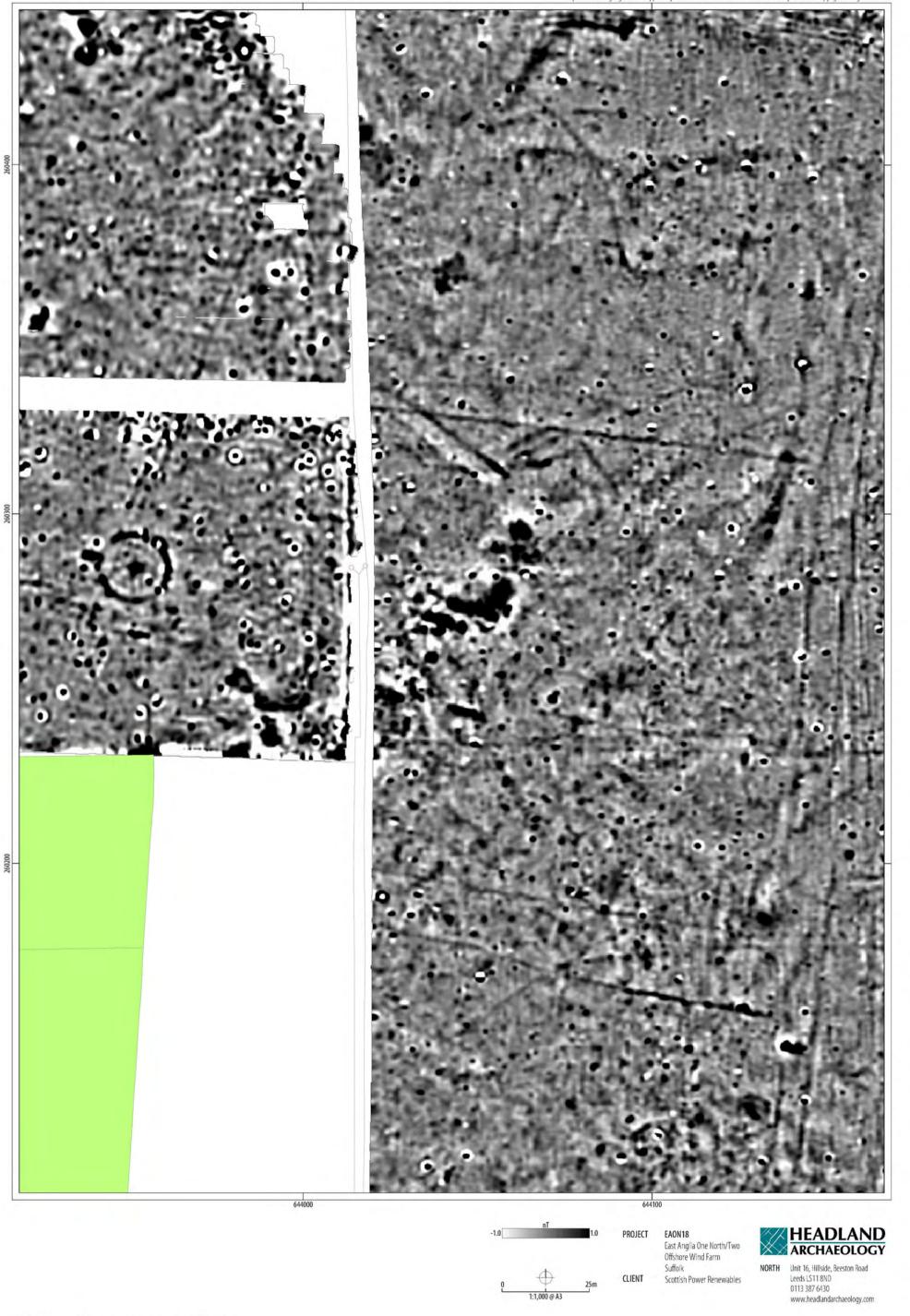
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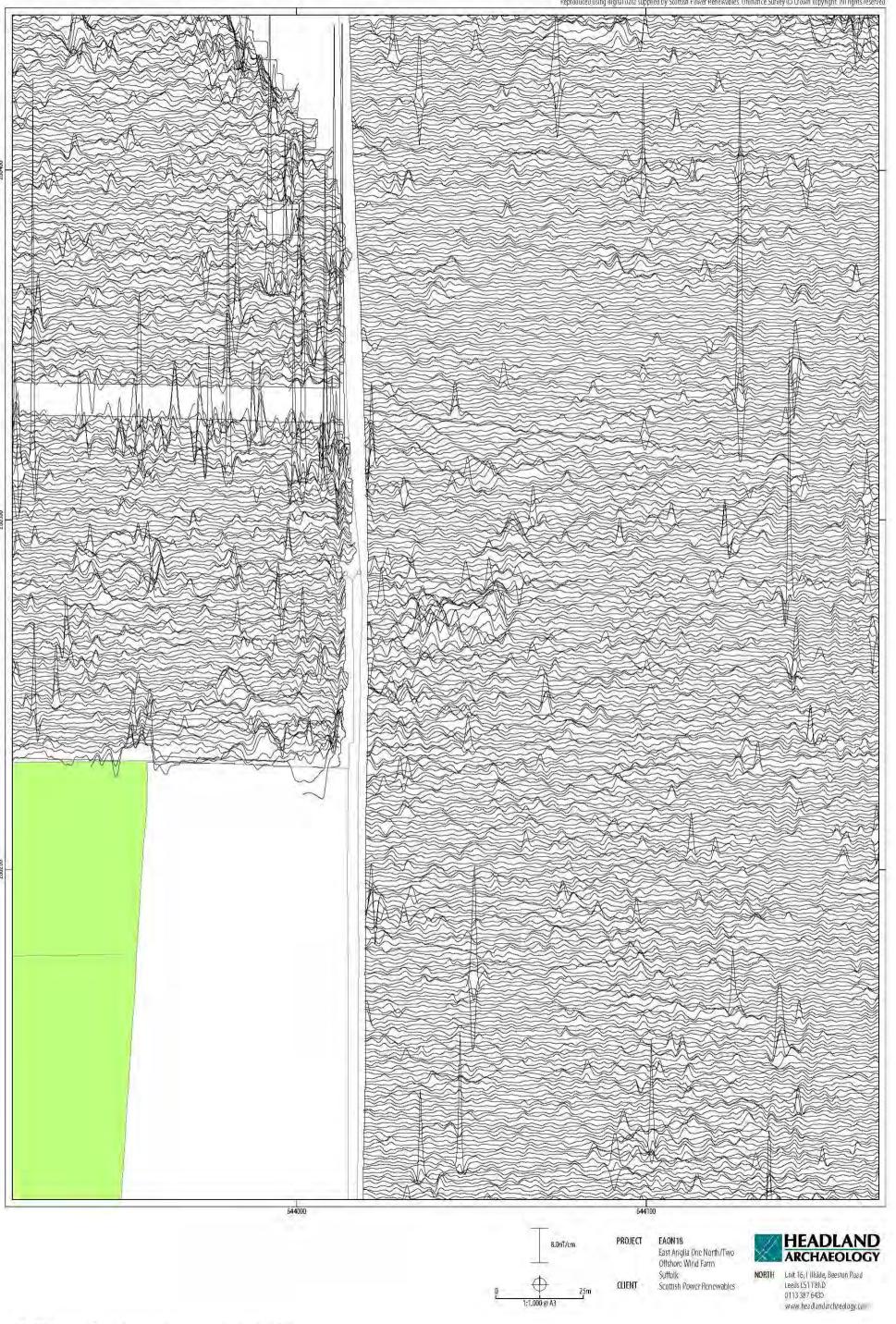
ILLUS 152 XY trace plot of minimally processed magnetometer data; AAA4-515-22



ILLUS 153 Interpretation of magnetometer data; AAA4–S15-22



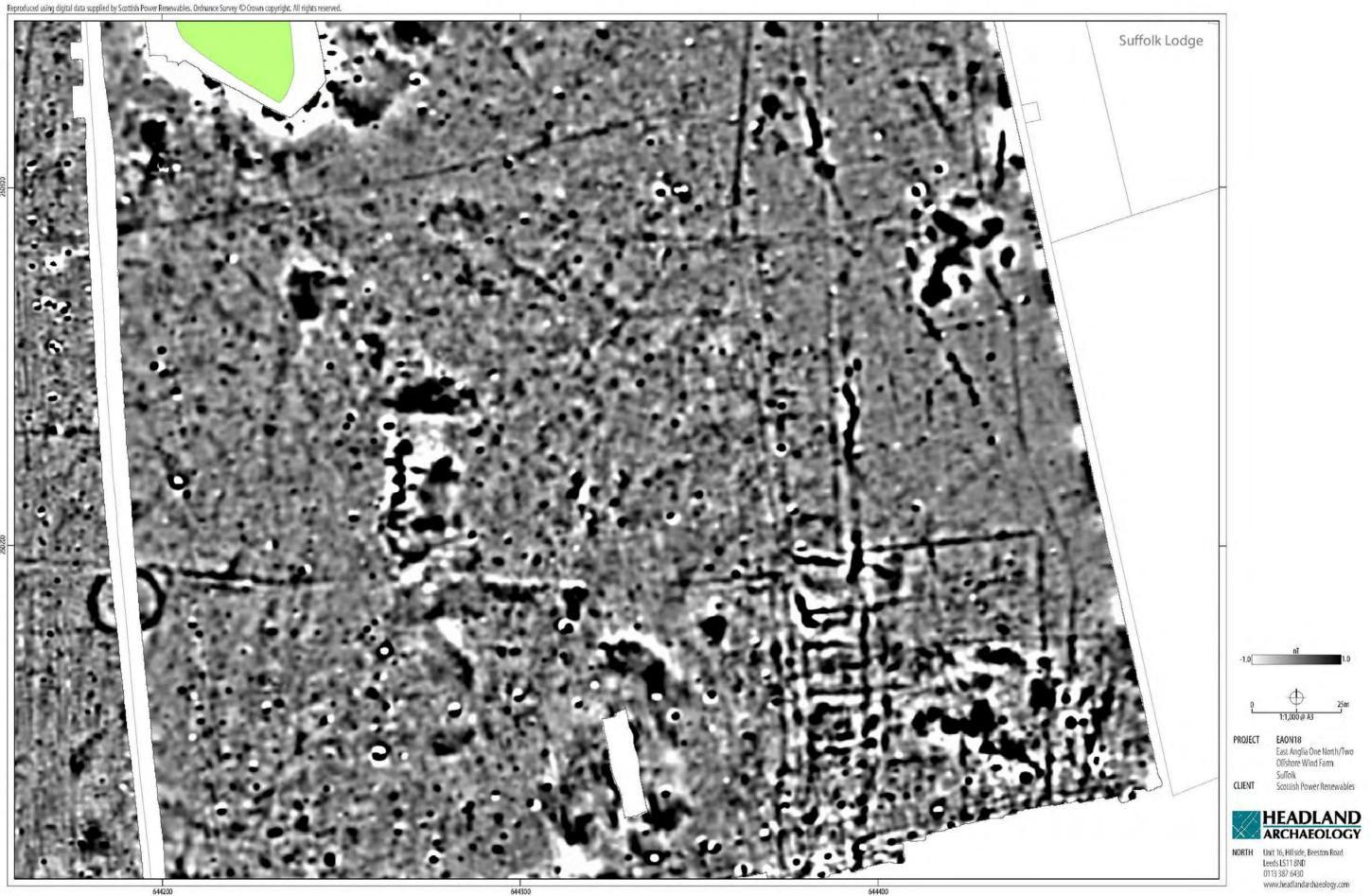
ILLUS 154 Processed greyscale magnetometer data; AAA4-S14-23



ILLUS 155 XY trace plot of minimally processed magnetometer data; AAA4=S14=23

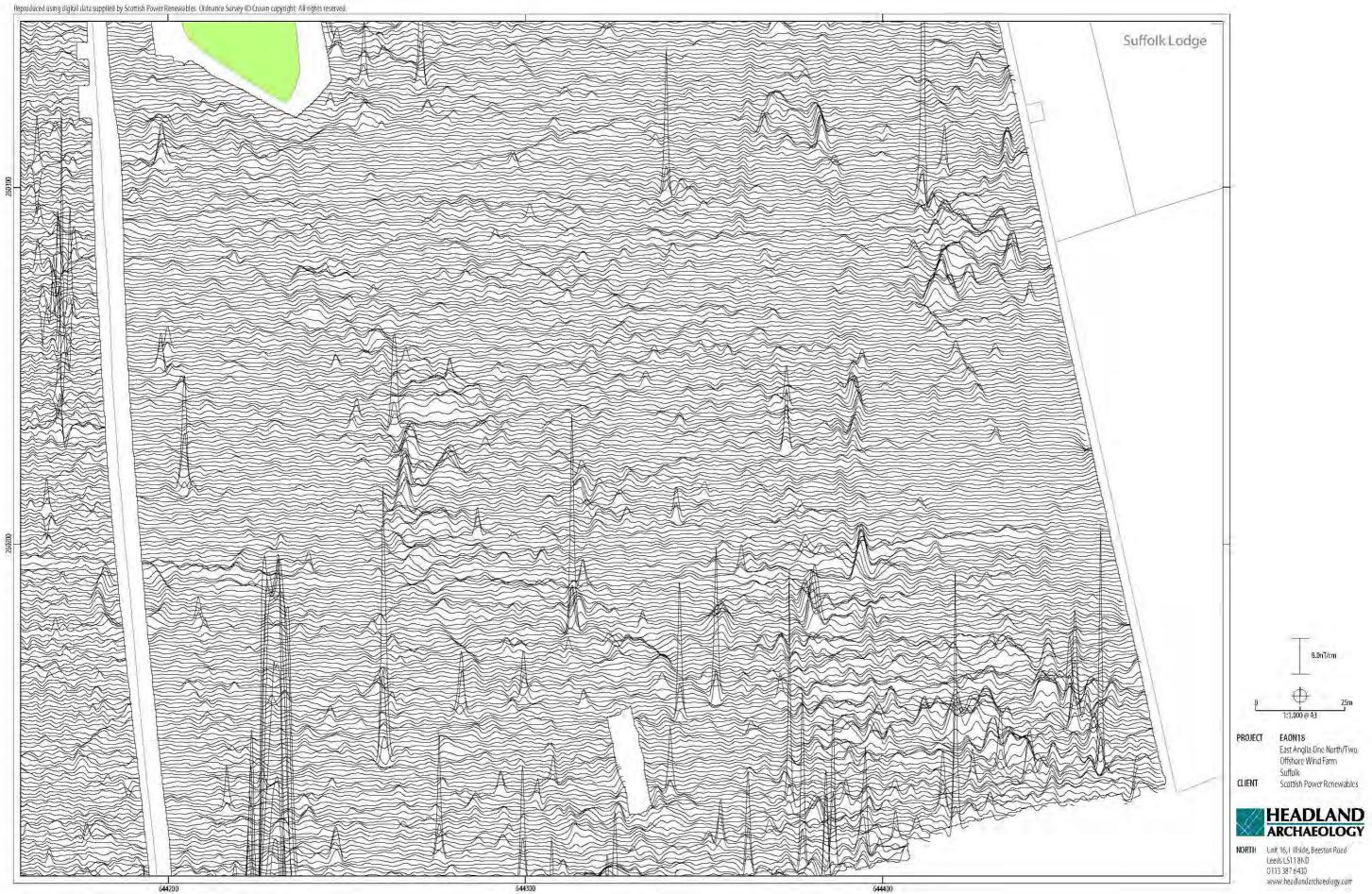


ILLUS 156 Interpretation of magnetometer data; AAA4-S14-23

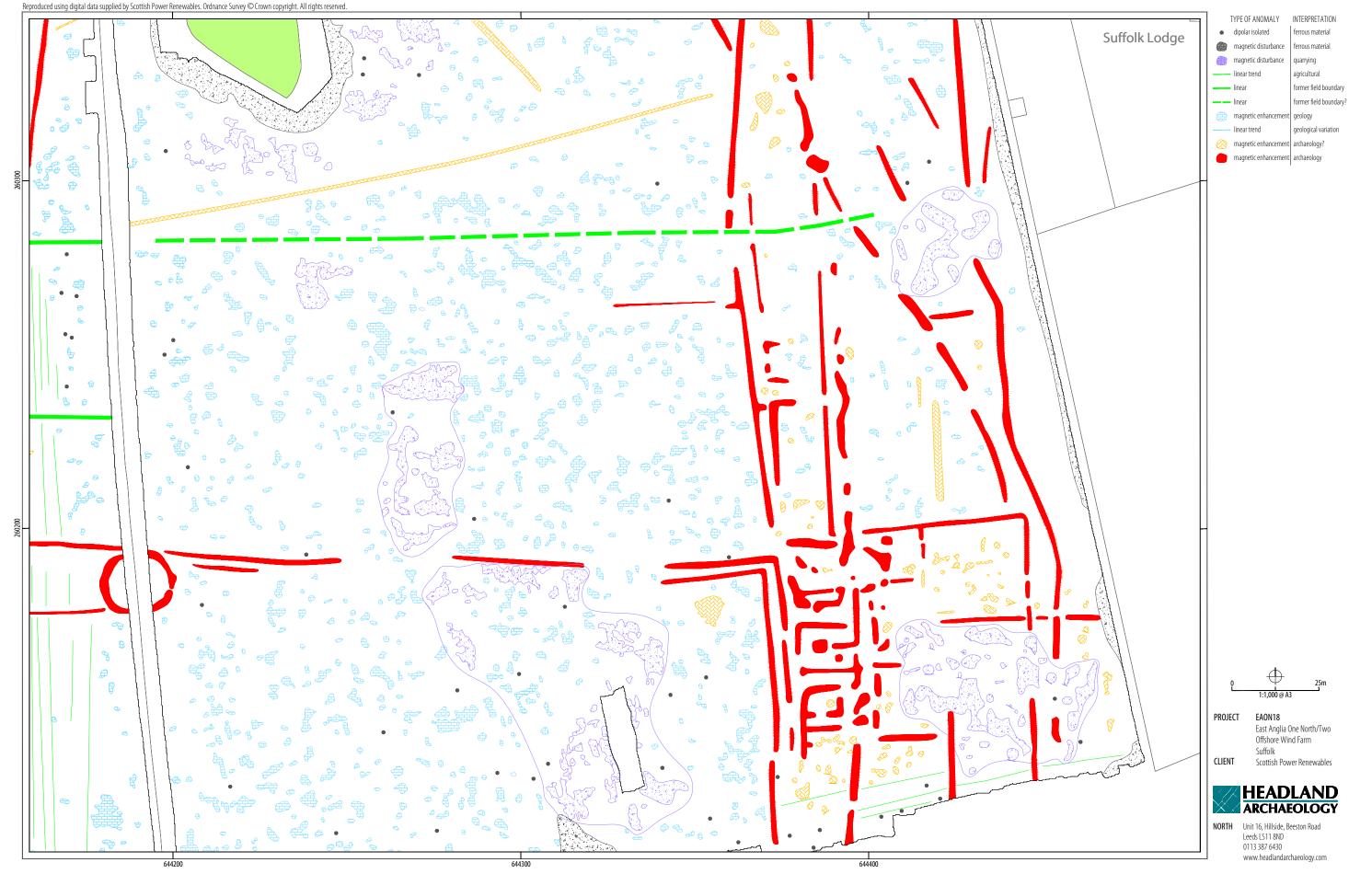


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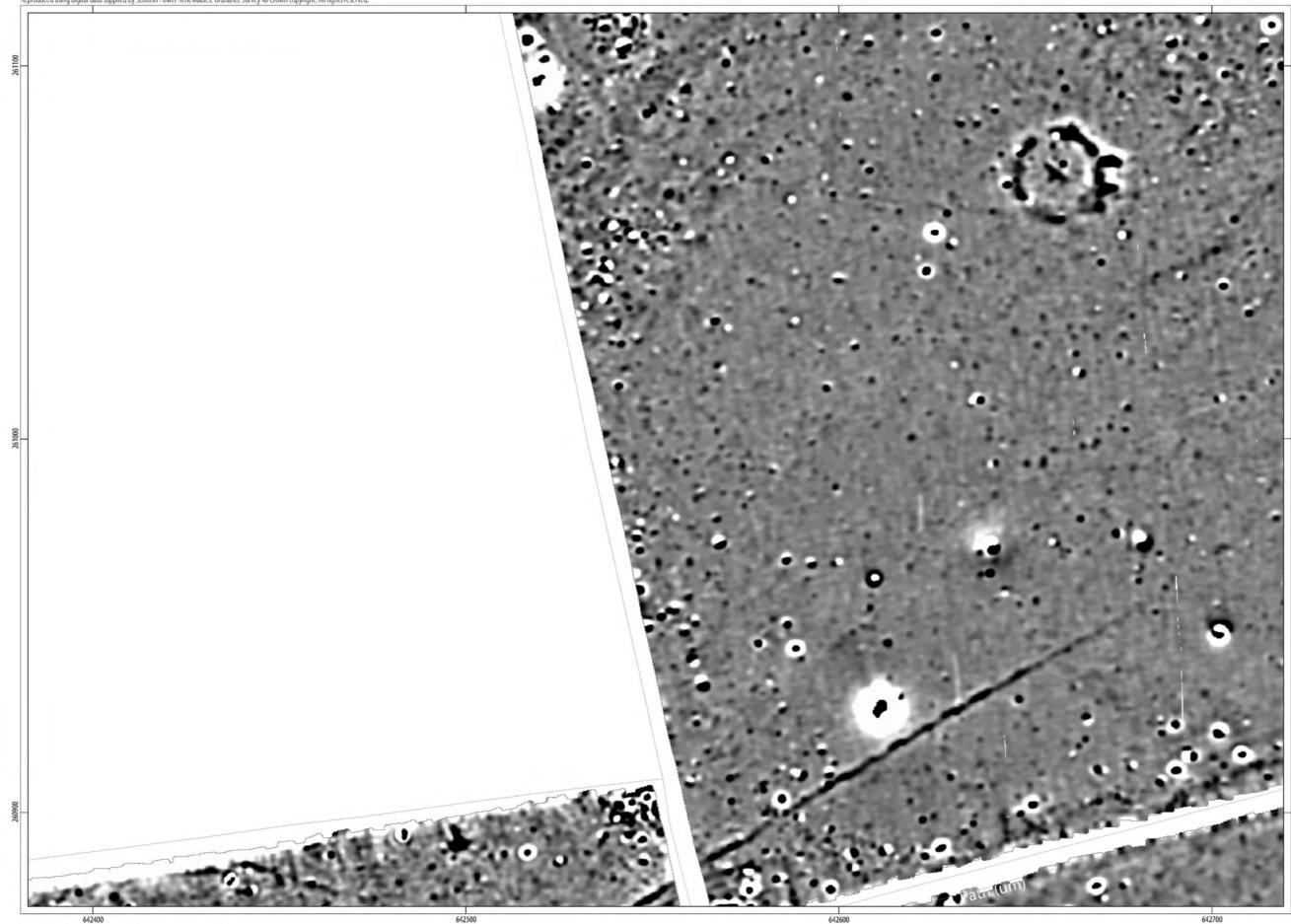


ILLUS 158 XY trace plot of minimally processed magnetometer data; AAA4-S14-24



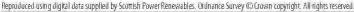
ILLUS 159 Interpretation of magnetometer data; AAA4–S14–24

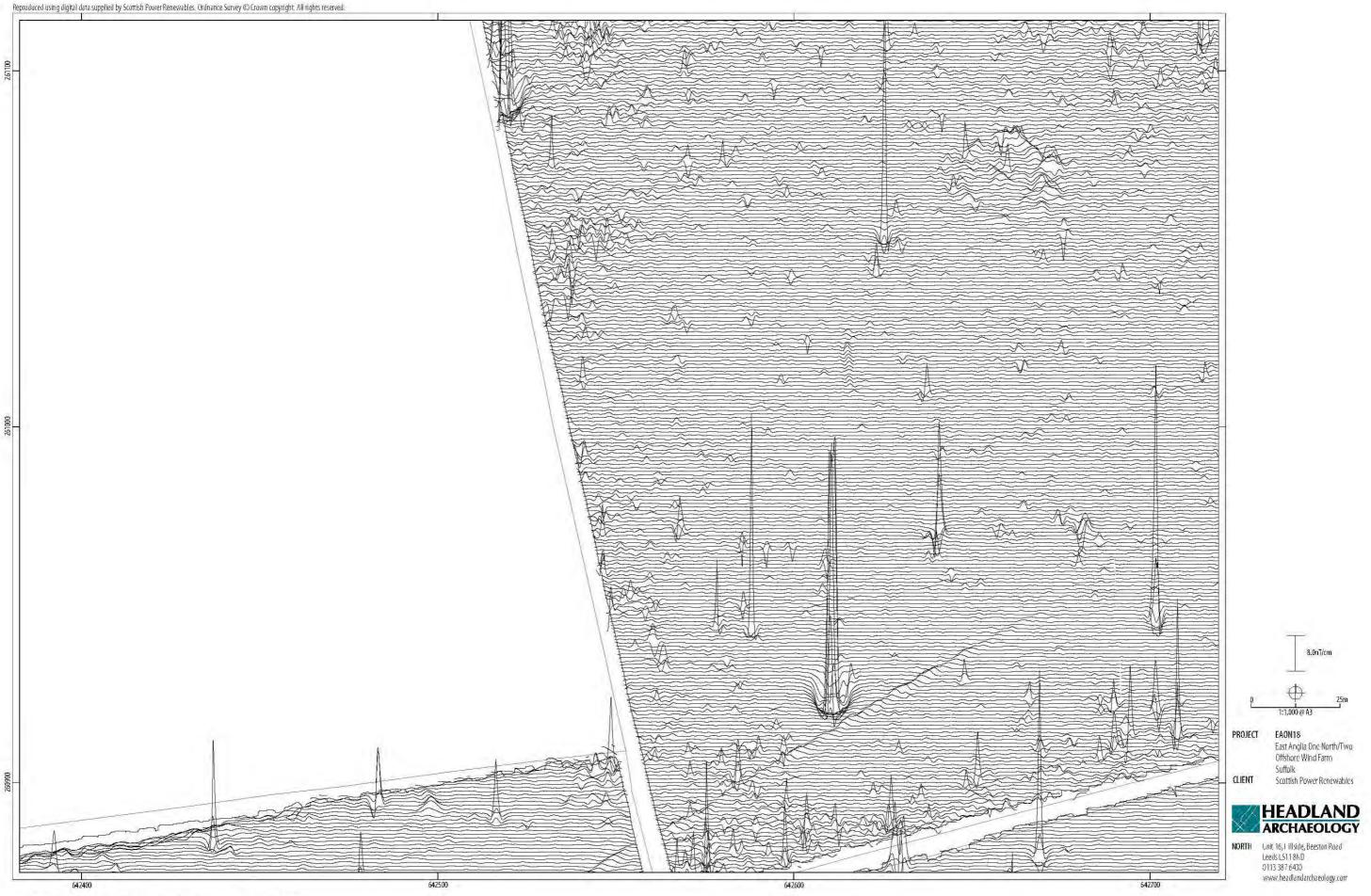
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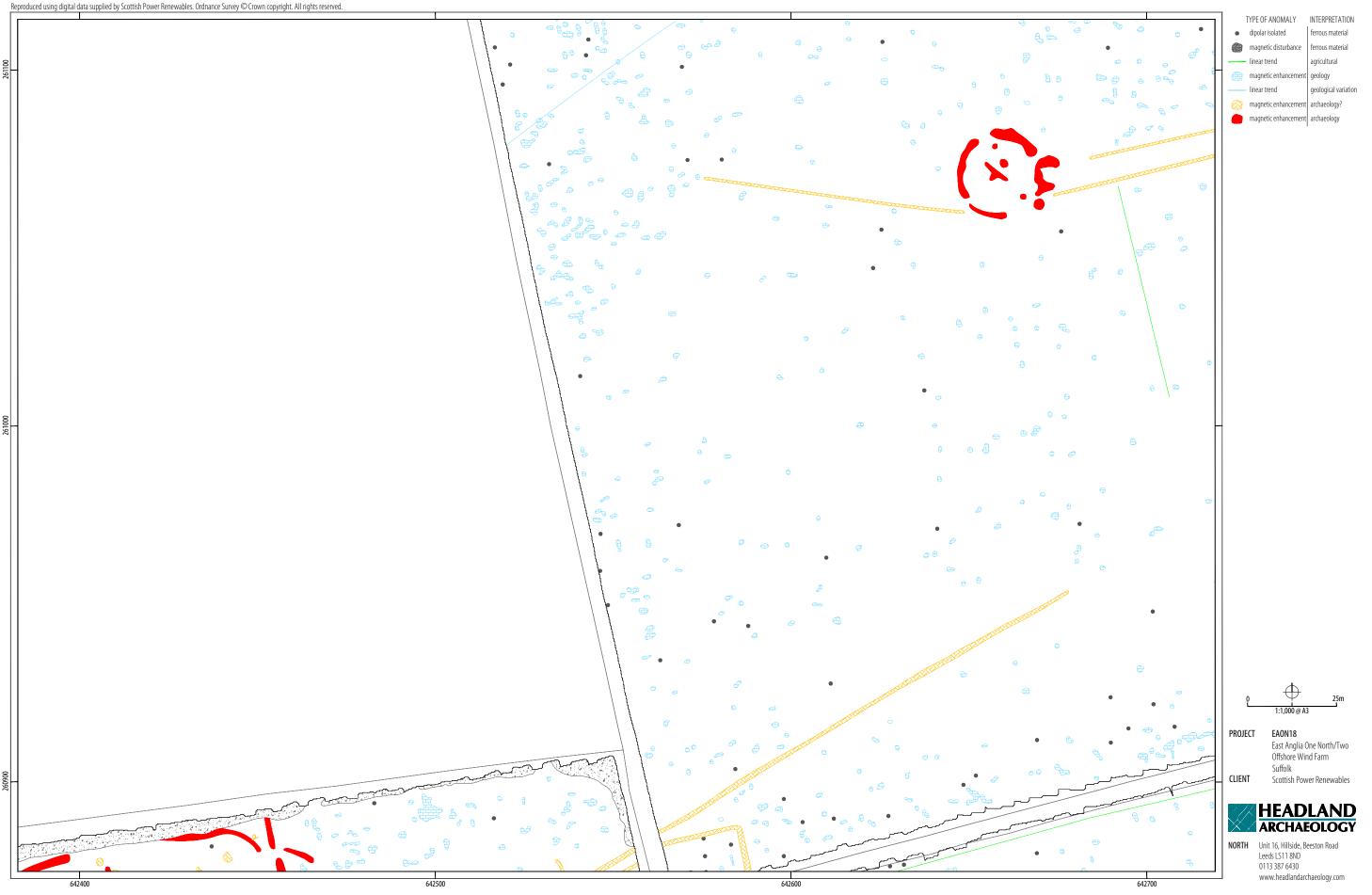
ILLUS 160 Processed greyscale magnetometer data; AAA6/7-S17-25



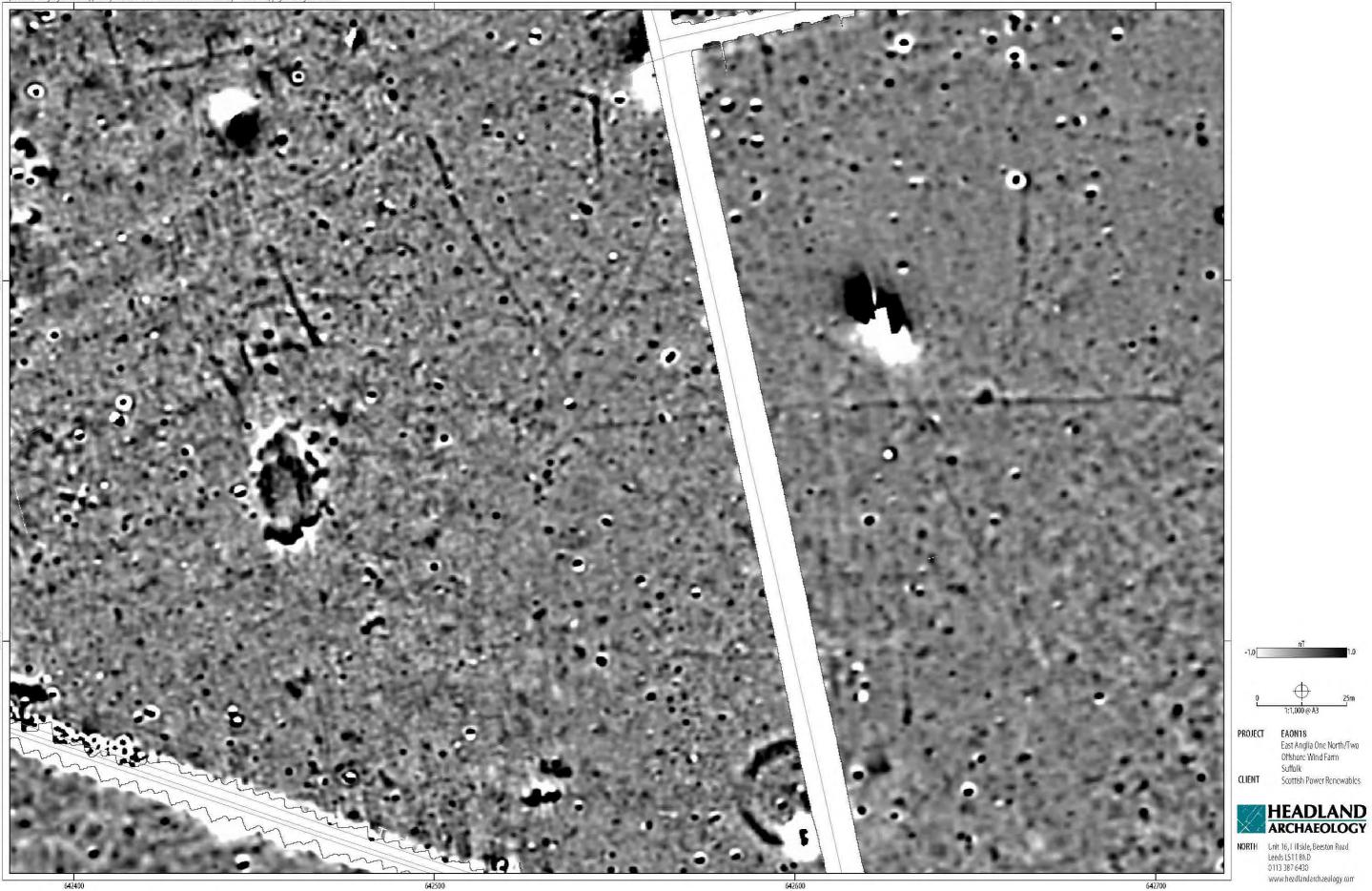




ILLUS 161 XY trace plot of minimally processed magnetometer data; AAA6/7-S17-25

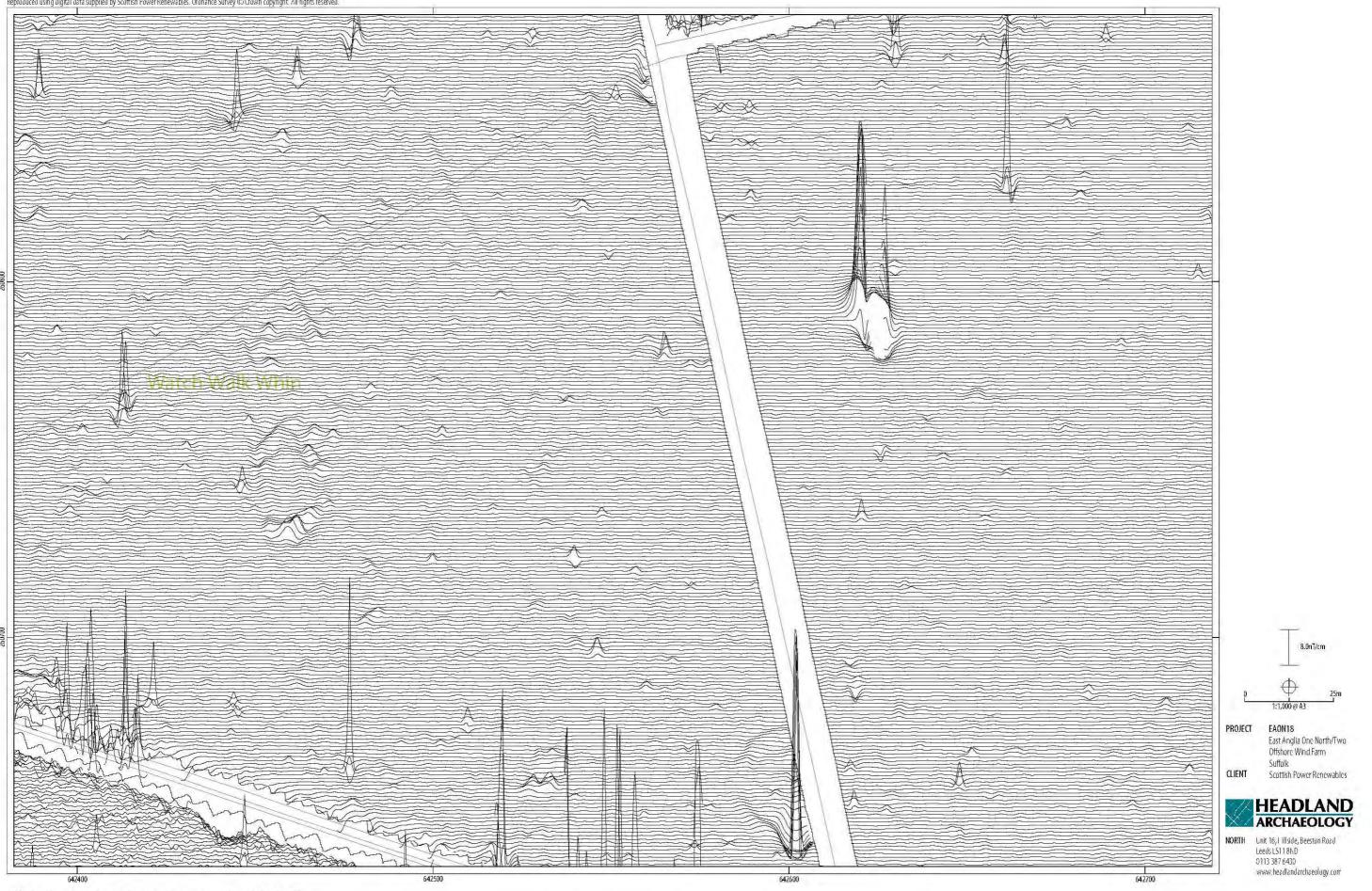


ILLUS 162 Interpretation of magnetometer data; AAA6/7-S17-25



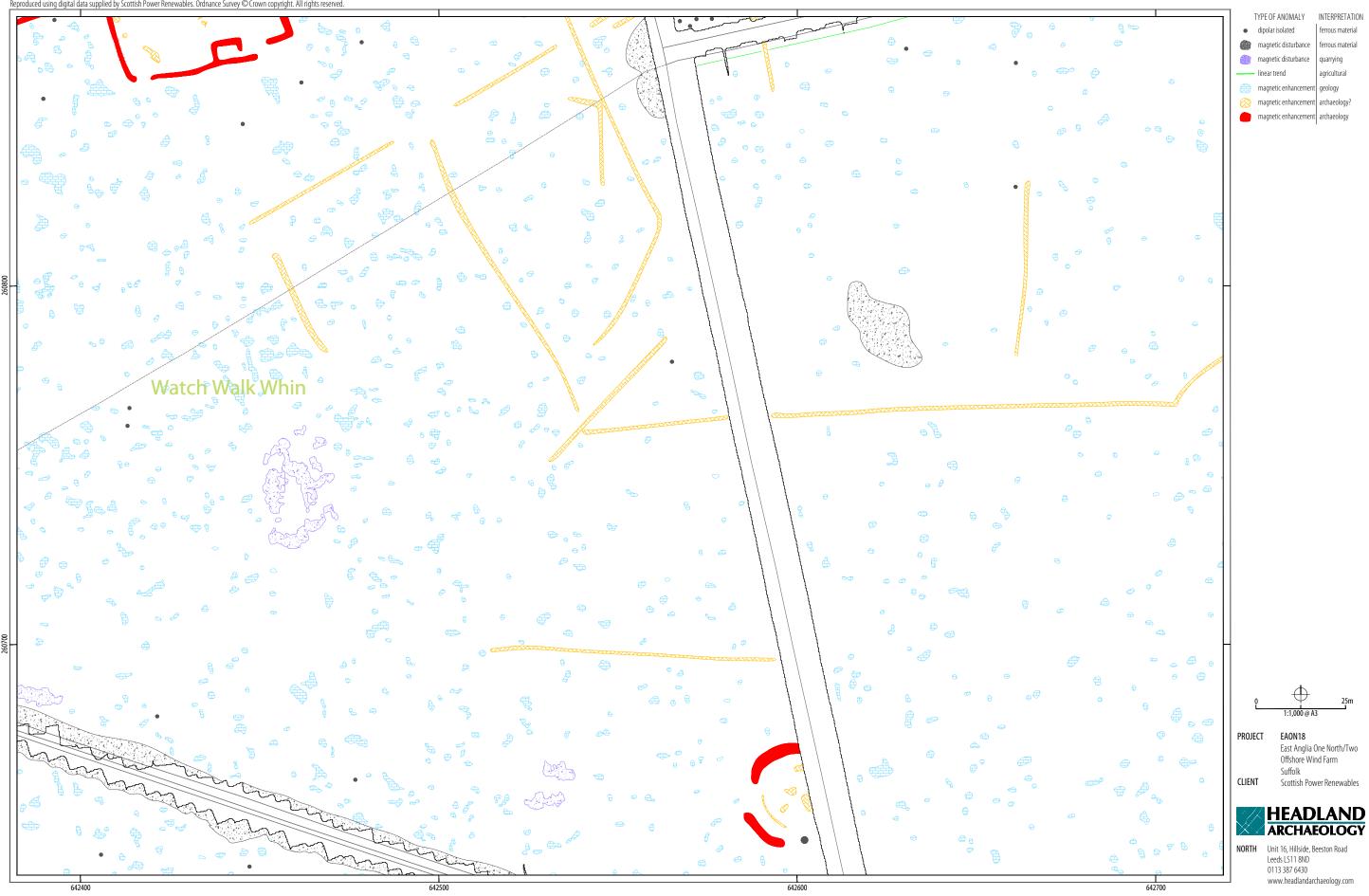
ILLUS 163 Processed greyscale magnetometer data; AAA6/7-S17-26

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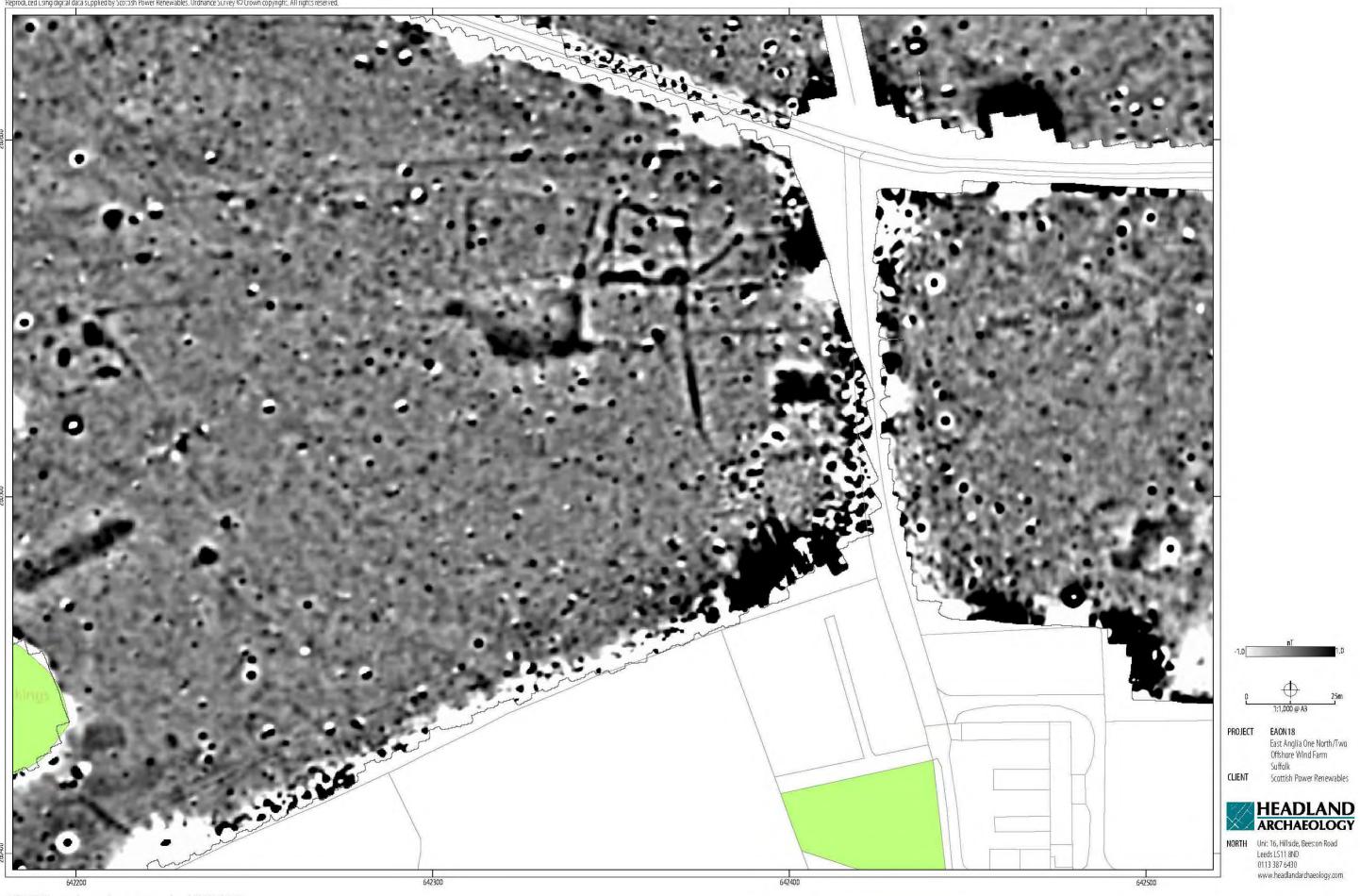


ILLUS 164 XY trace plot of minimally processed magnetometer data; AAA6/7-S17-26

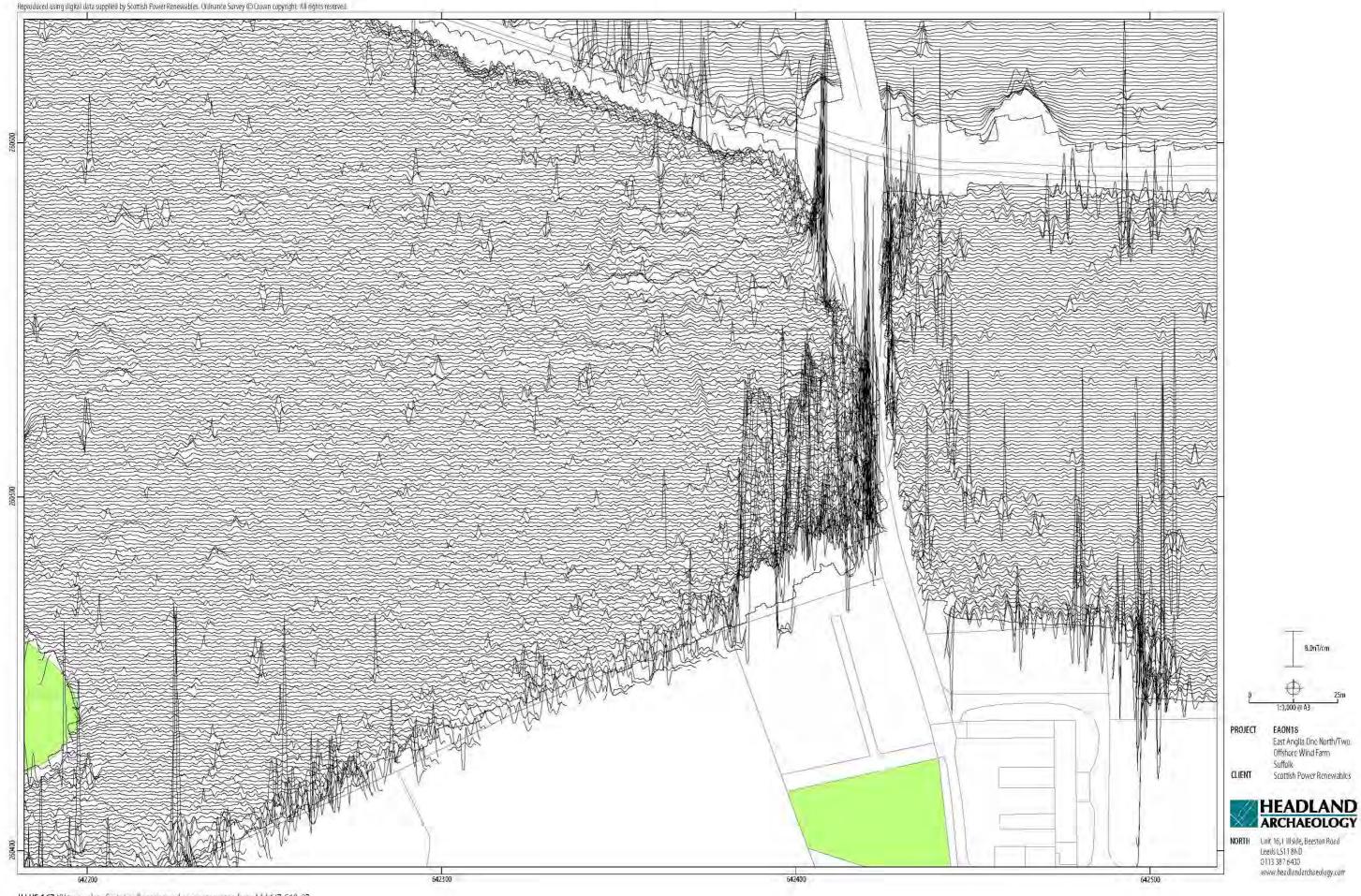
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ILLUS 165 Interpretation of magnetometer data; AAA6/7-S17-26



ILLUS 166 Processed greyscale magnetometer data; AAA6/7-S18-27



ILLUS 167 XY trace plot of minimally processed magnetometer data; AAA6/7-S18-27



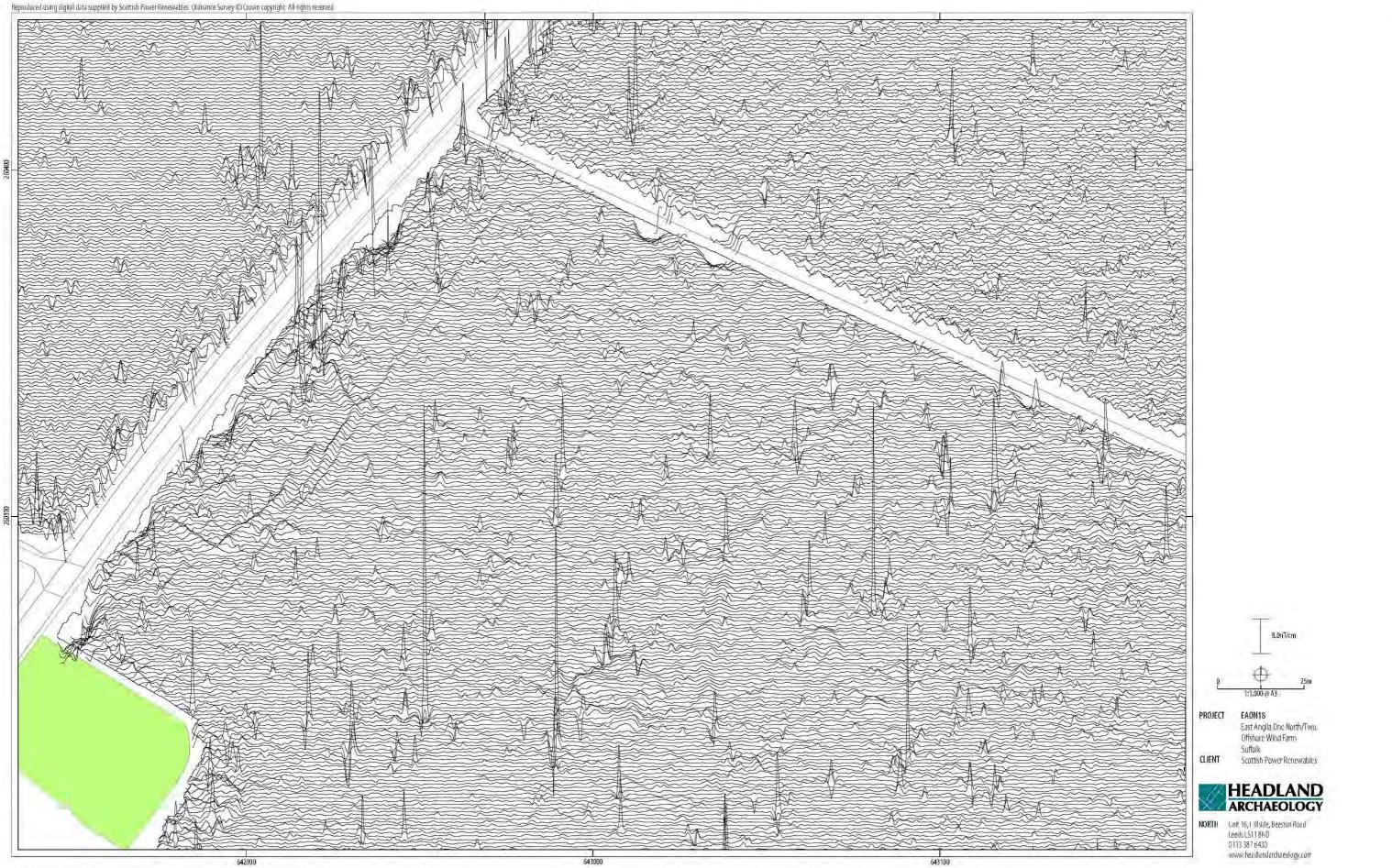
ILLUS 168 Interpretation of magnetometer data; AAA6/7-S18-27



ILLUS 169 Processed greyscale magnetometer data; AAA5-S18-28

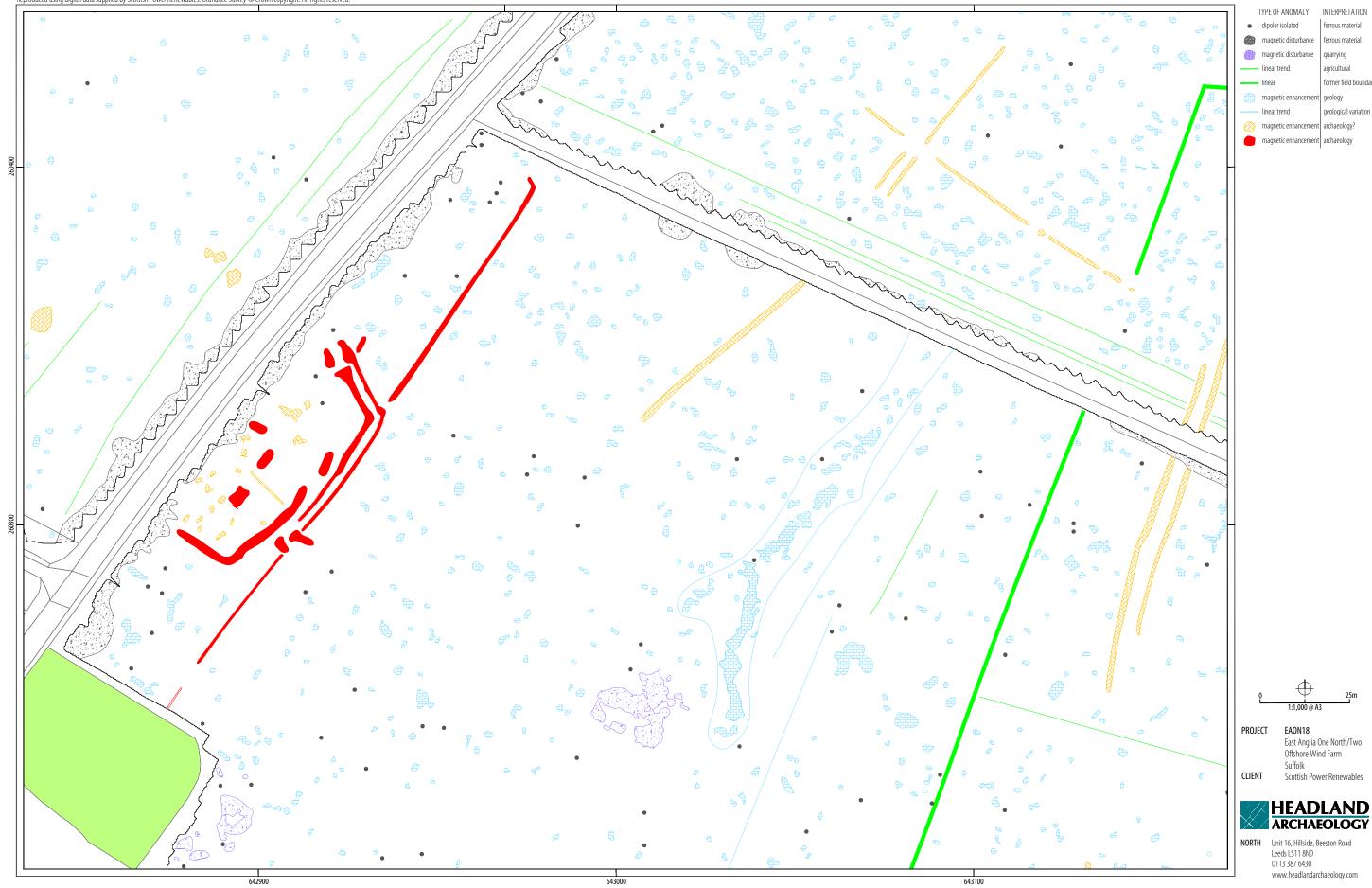
-1.0	nT 1.0
0	25m
PROJECT	EAON18 East Anglia One North/Two Offshore Wind Farm Suffolk
CLIENT	Scottish Power Renewables
$\langle\!\langle$	HEADLAND ARCHAEOLOGY
NORTH	Unit 16, Hillside, Beeston Road Leeds LS11 8ND 0113 387 6430 www.headlandarchaeology.com





ILLUS 170 XY trace plot of minimally processed magnetometer data; AAAS-S18-28

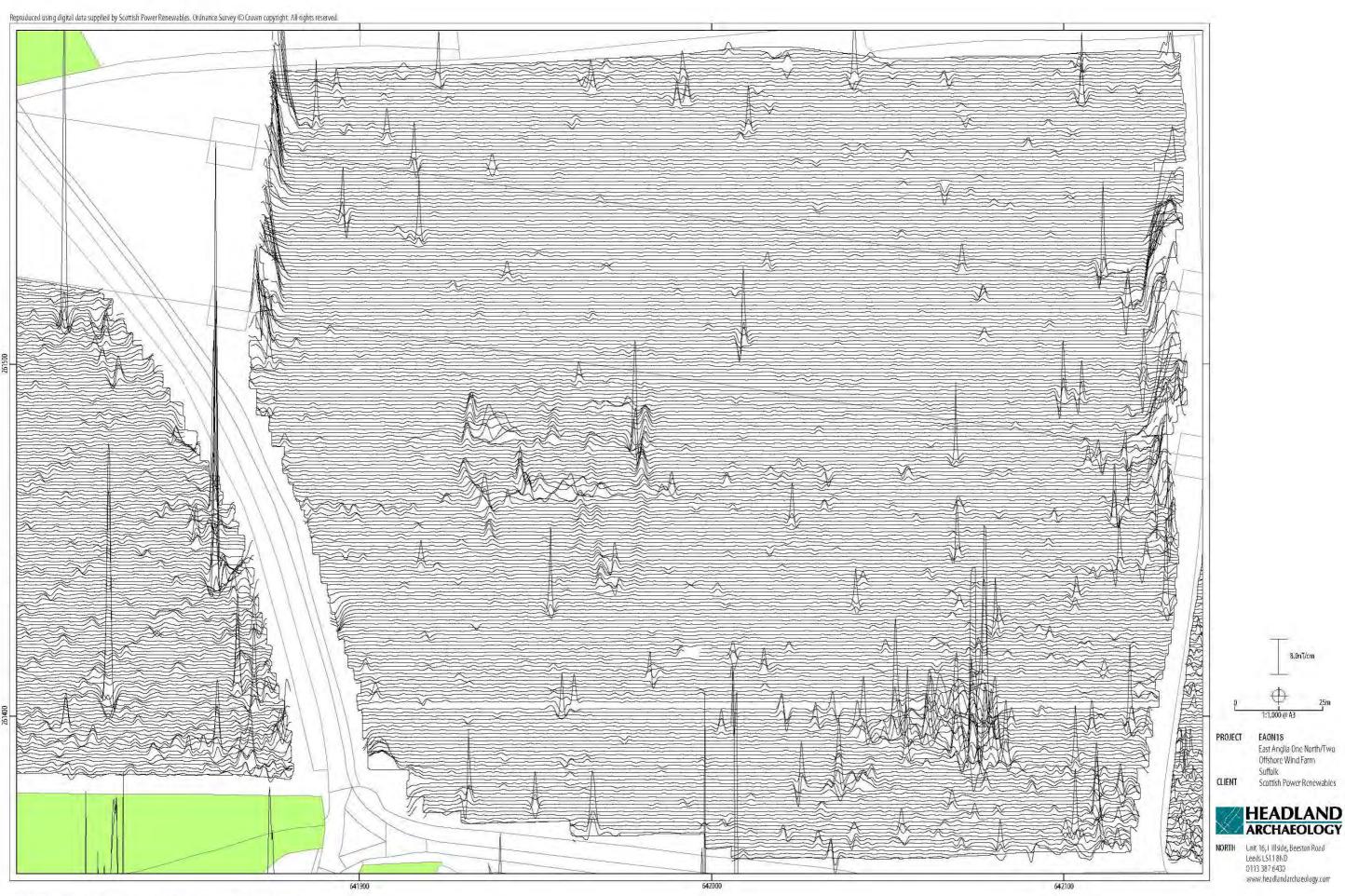
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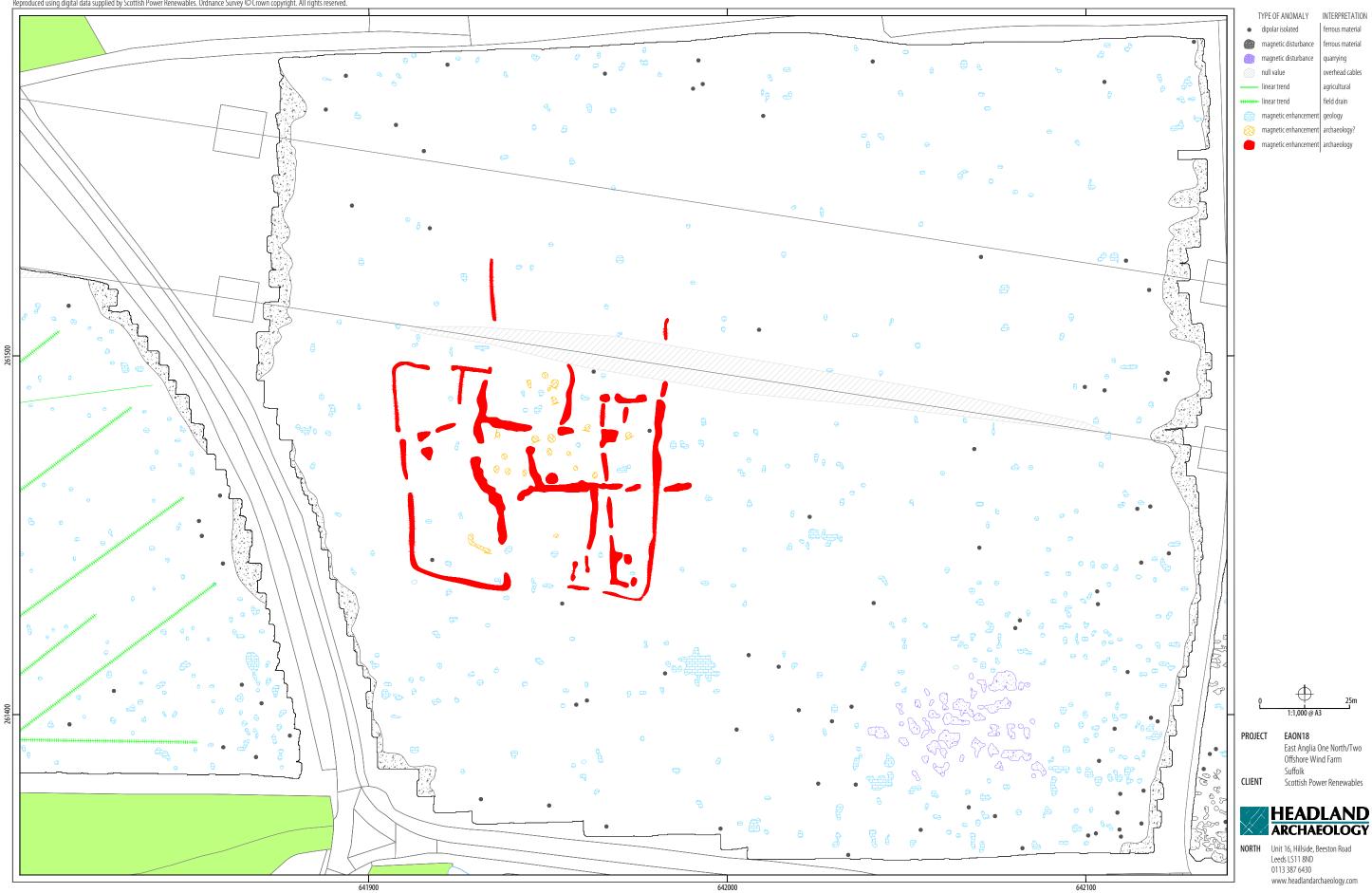
ILLUS 171 Interpretation of magnetometer data; AAA5-S18-28

former field boundary geological variation

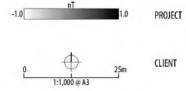










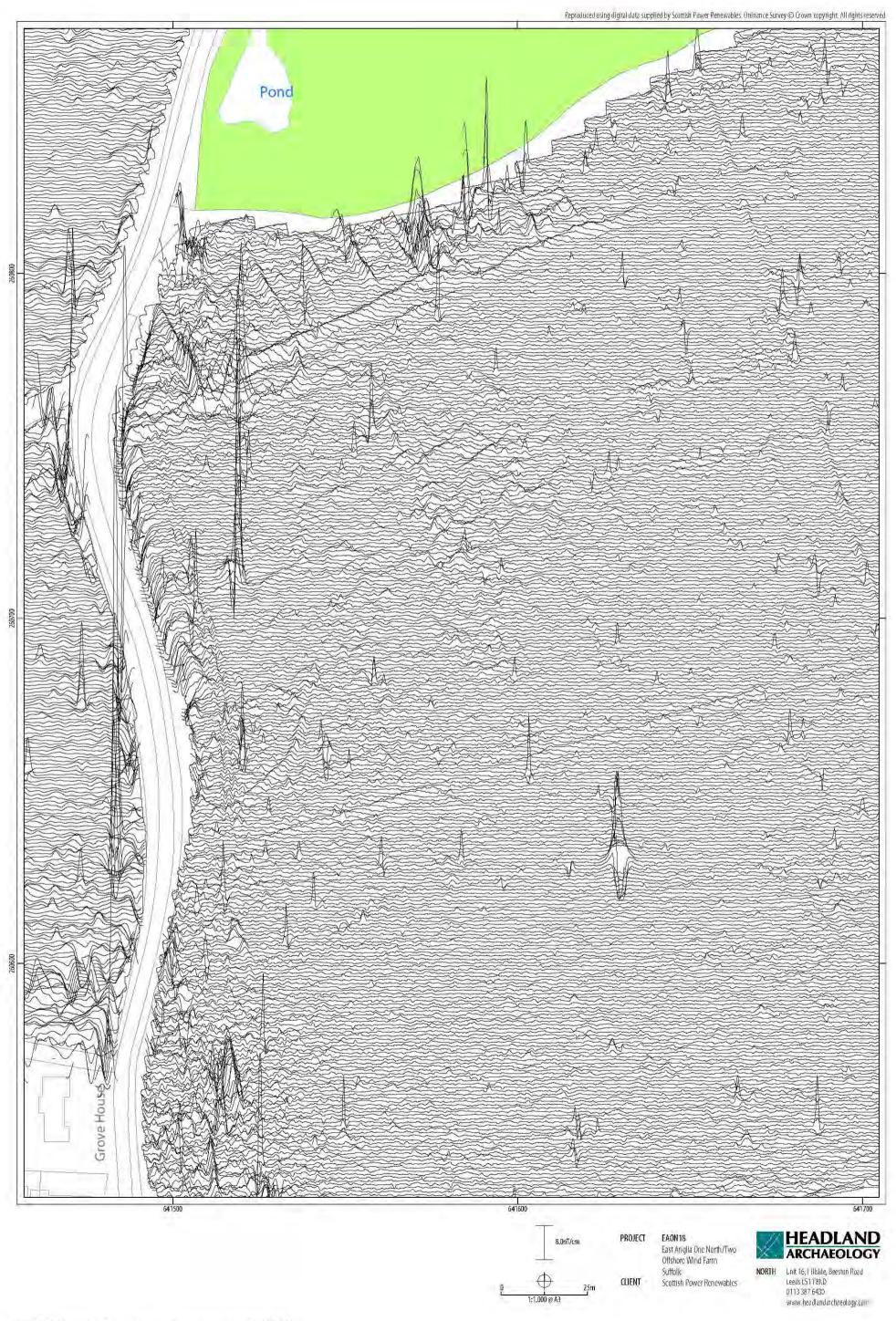


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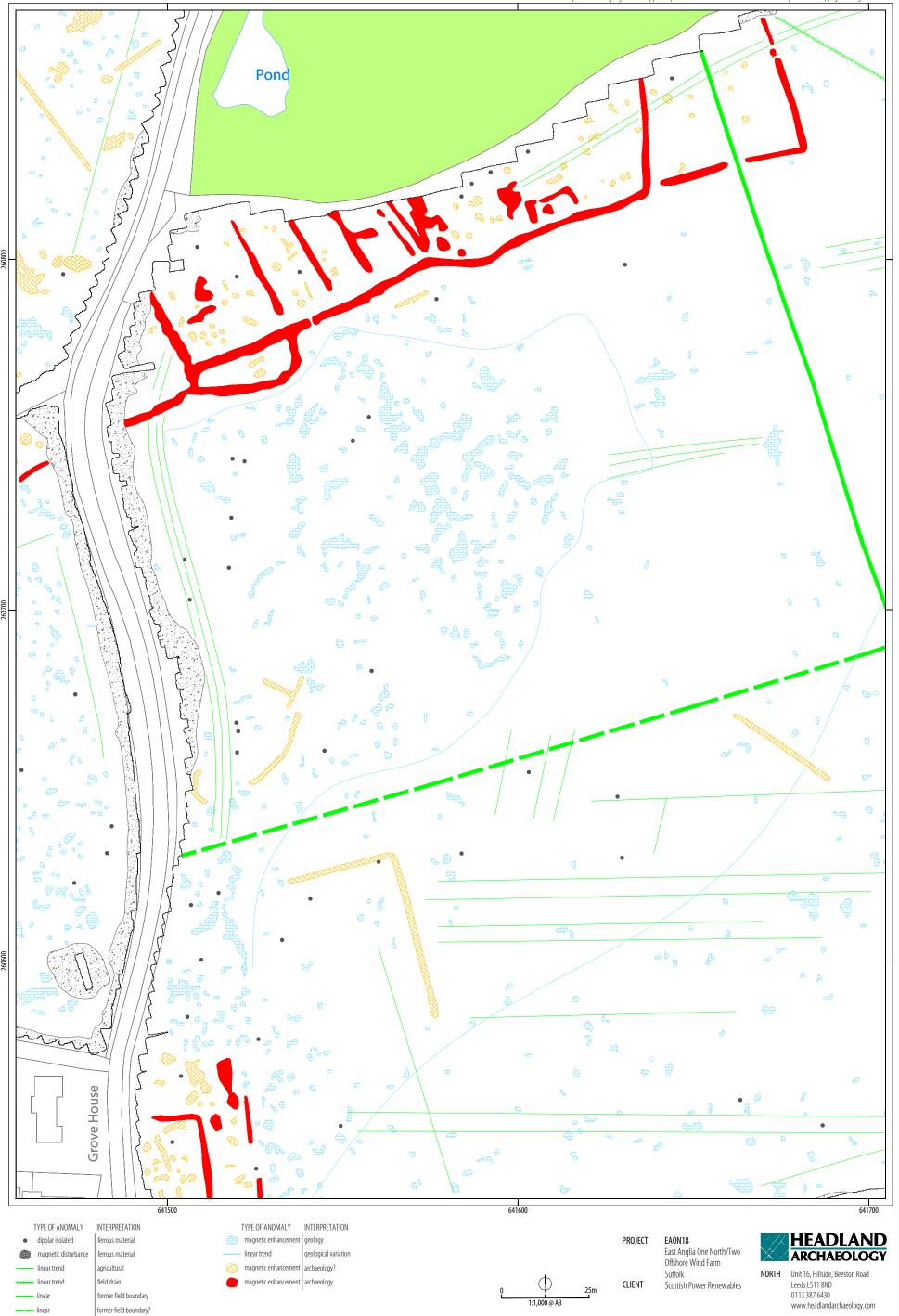


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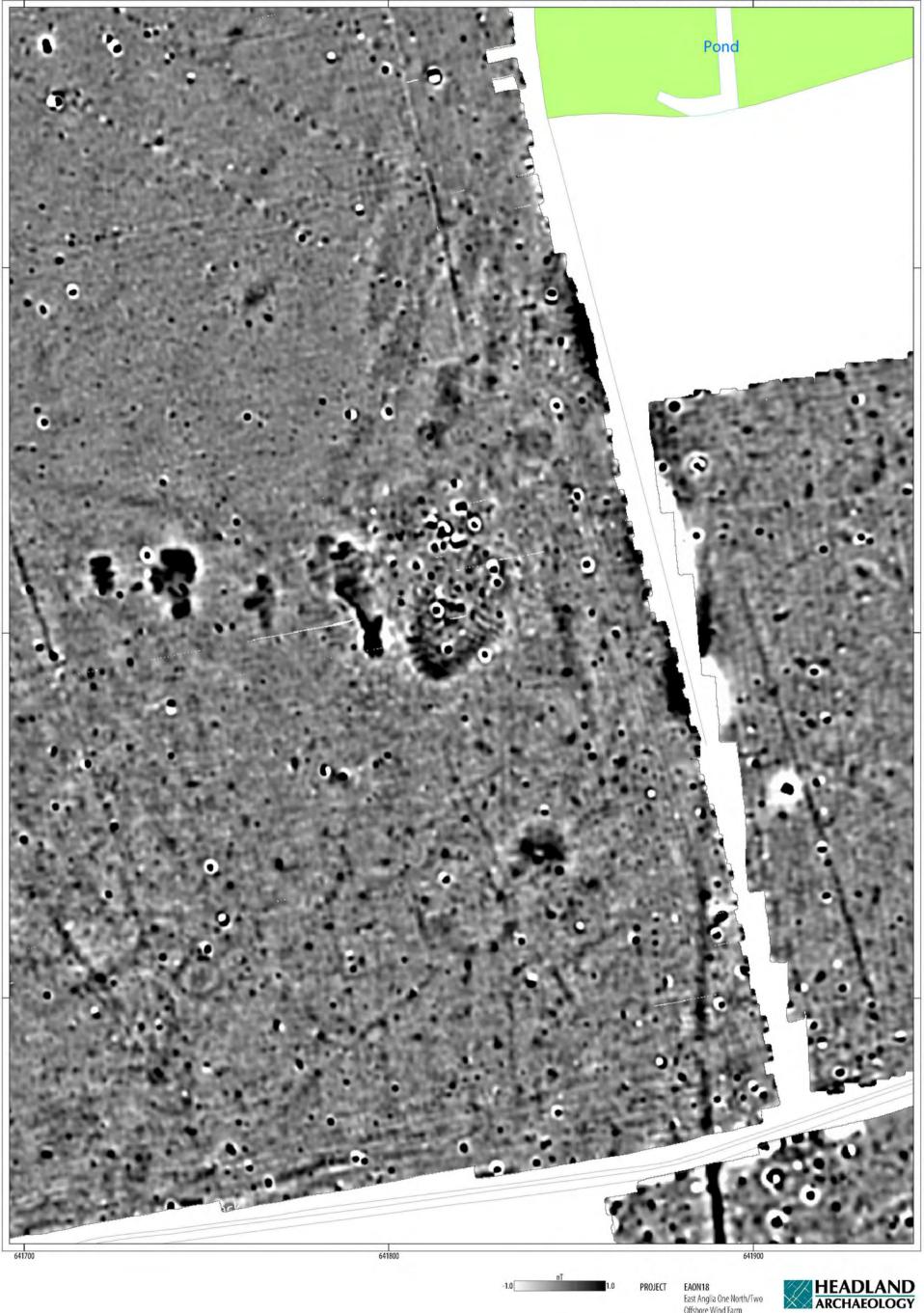
ILLUS 175 Processed greyscale magnetometer data; AAA9-S20-30



ILLUS 176 XY trace plot of minimally processed magnetometer data; AAA9-S20-30



ILLUS 177 Interpretation of magnetometer data; AAA9-S20-30



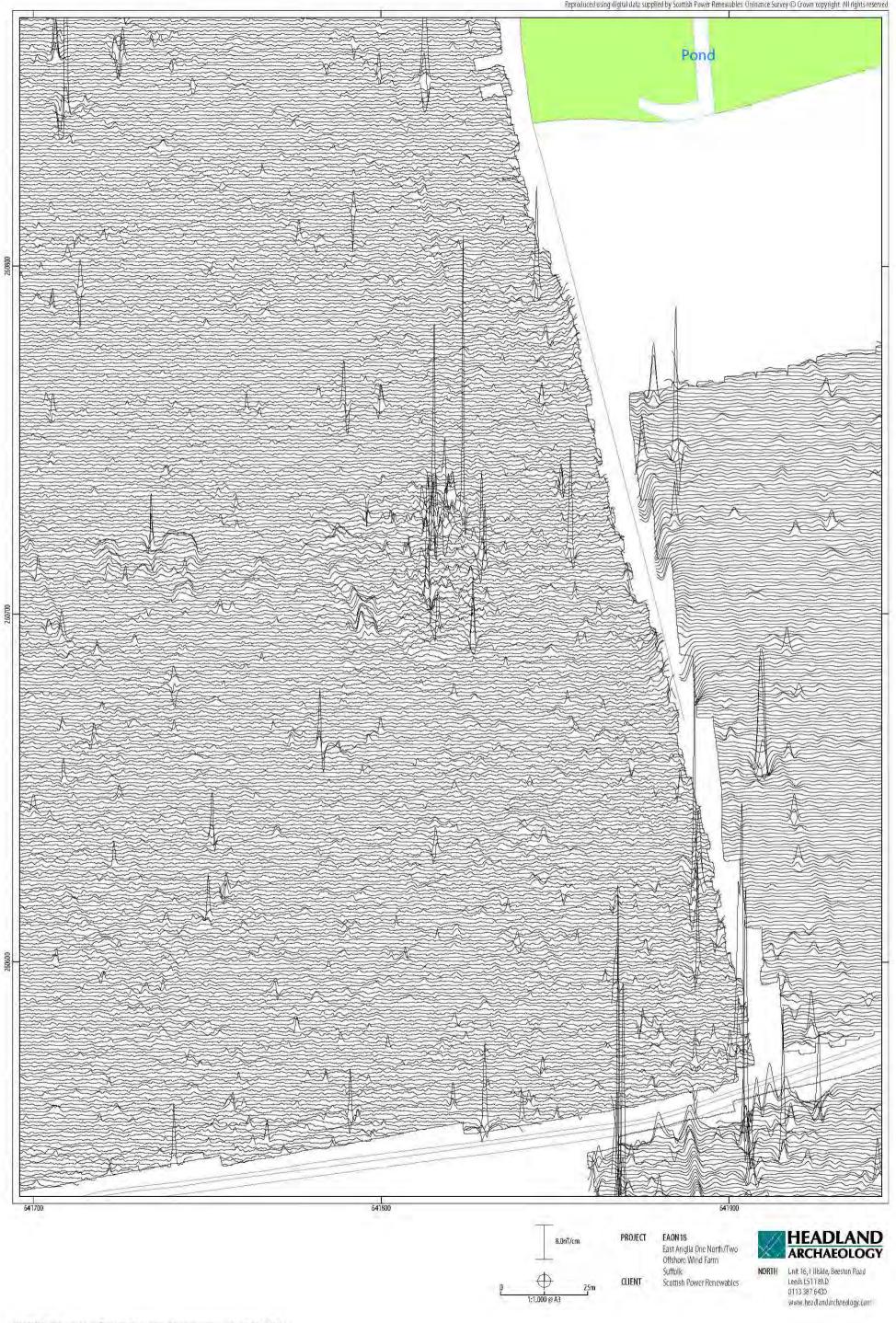
ILLUS 178 Processed greyscale magnetometer data; AAA9-S20-31

CLIENT 25m 1:1,000 @ A3

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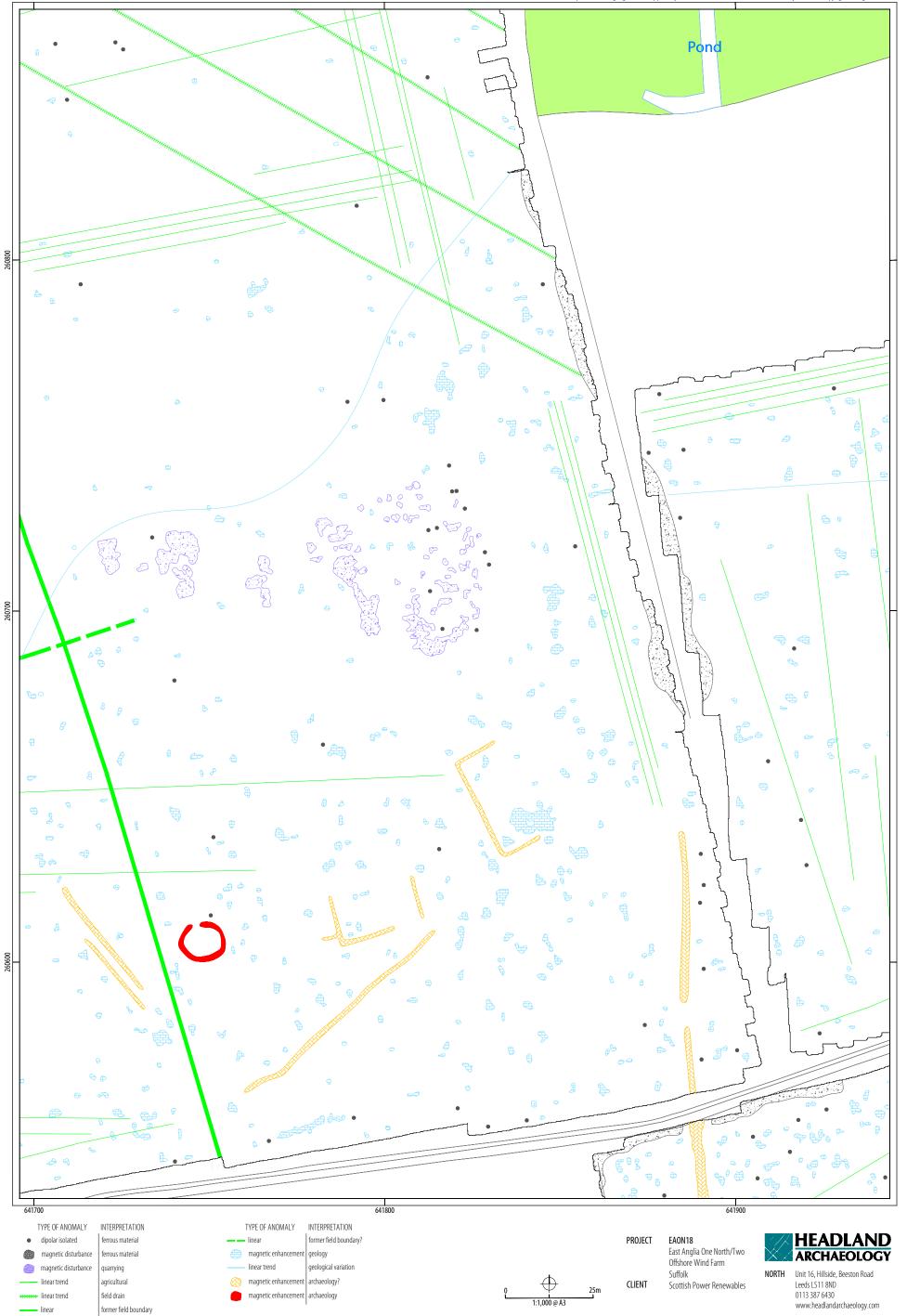
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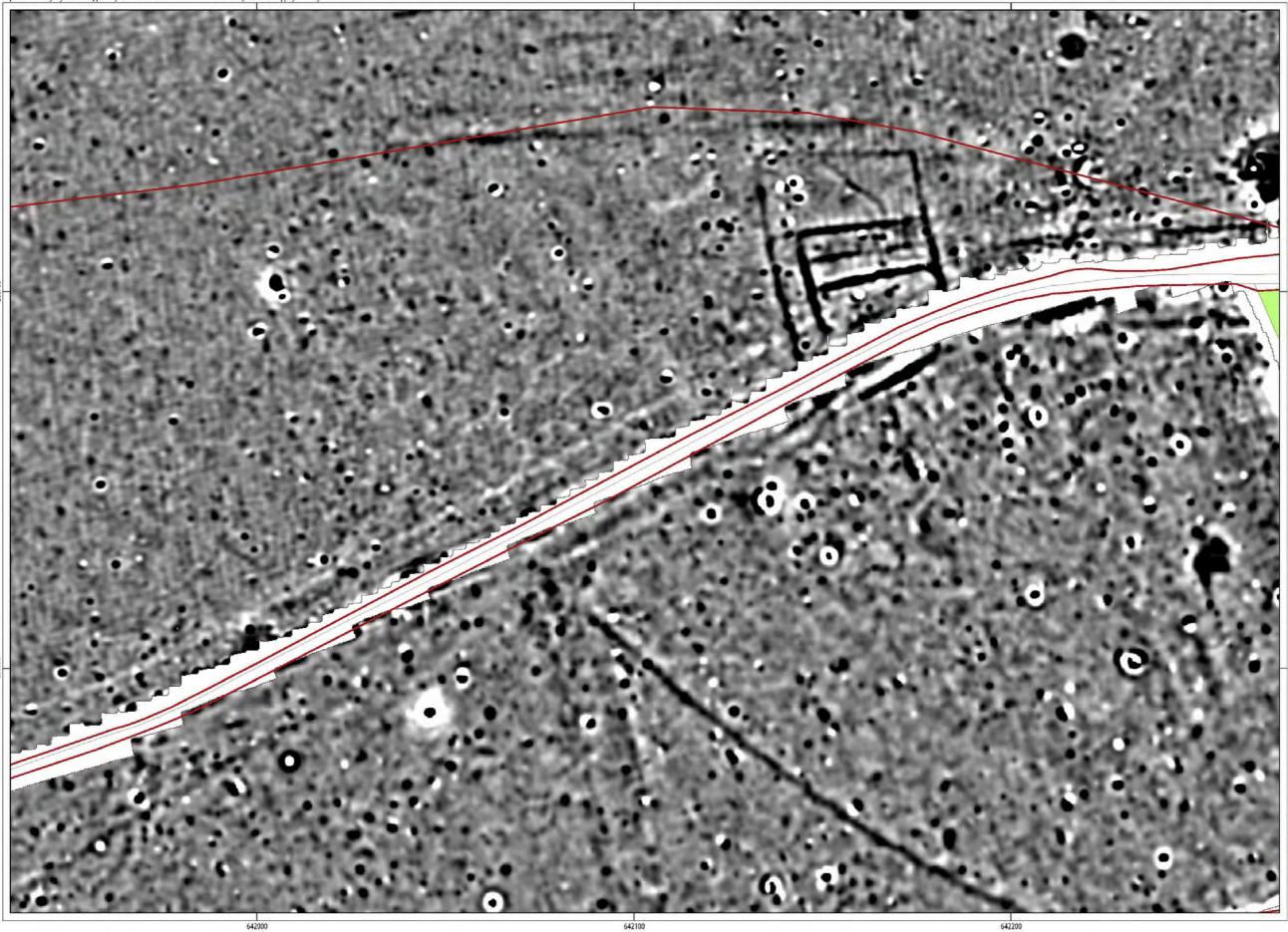


ILLUS 179 XY trace plot of minimally processed magnetometer data; AAA9-S20-31

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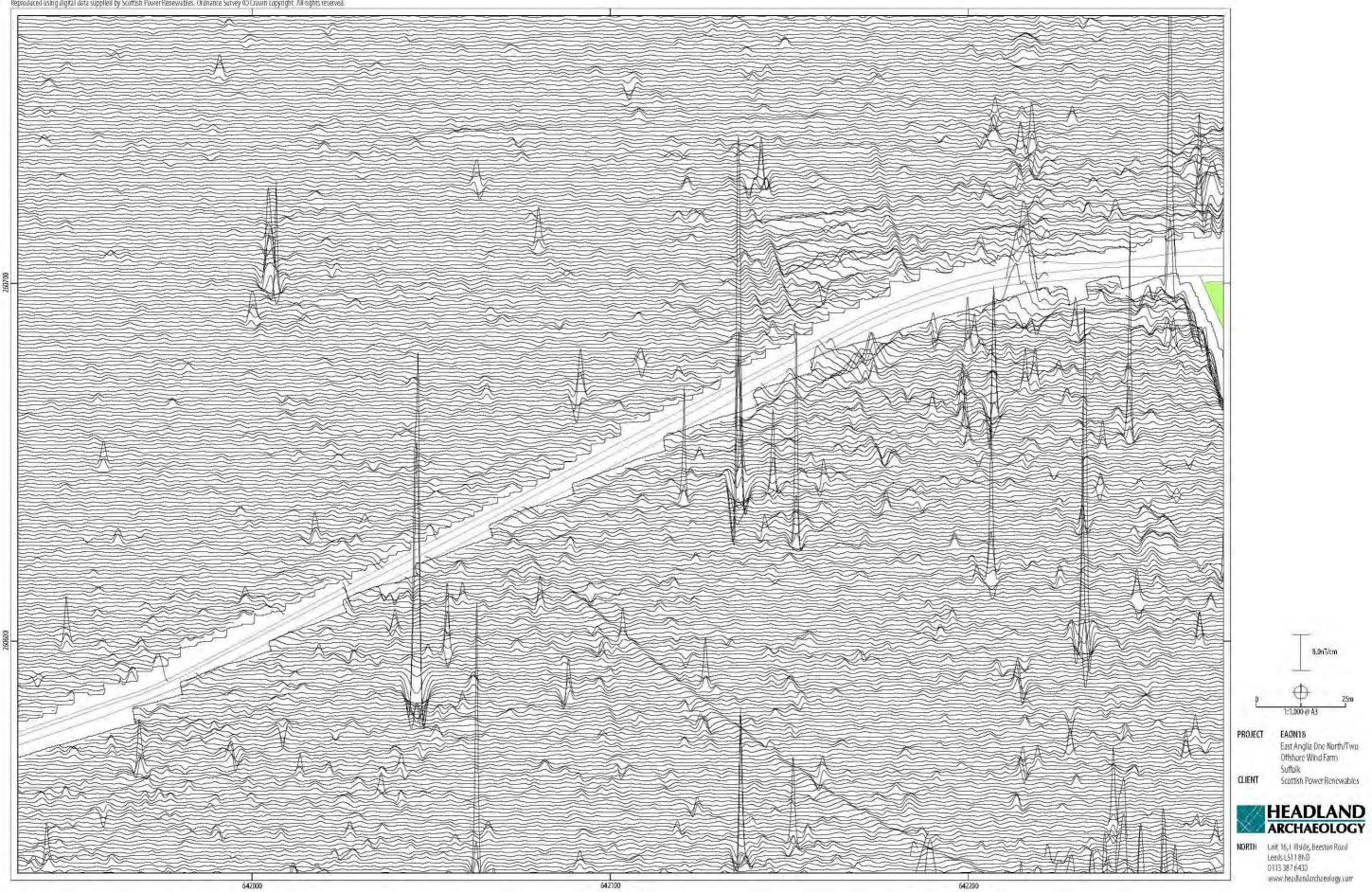
ILLUS 180 Interpretation of magnetometer data; AAA9-S20-31



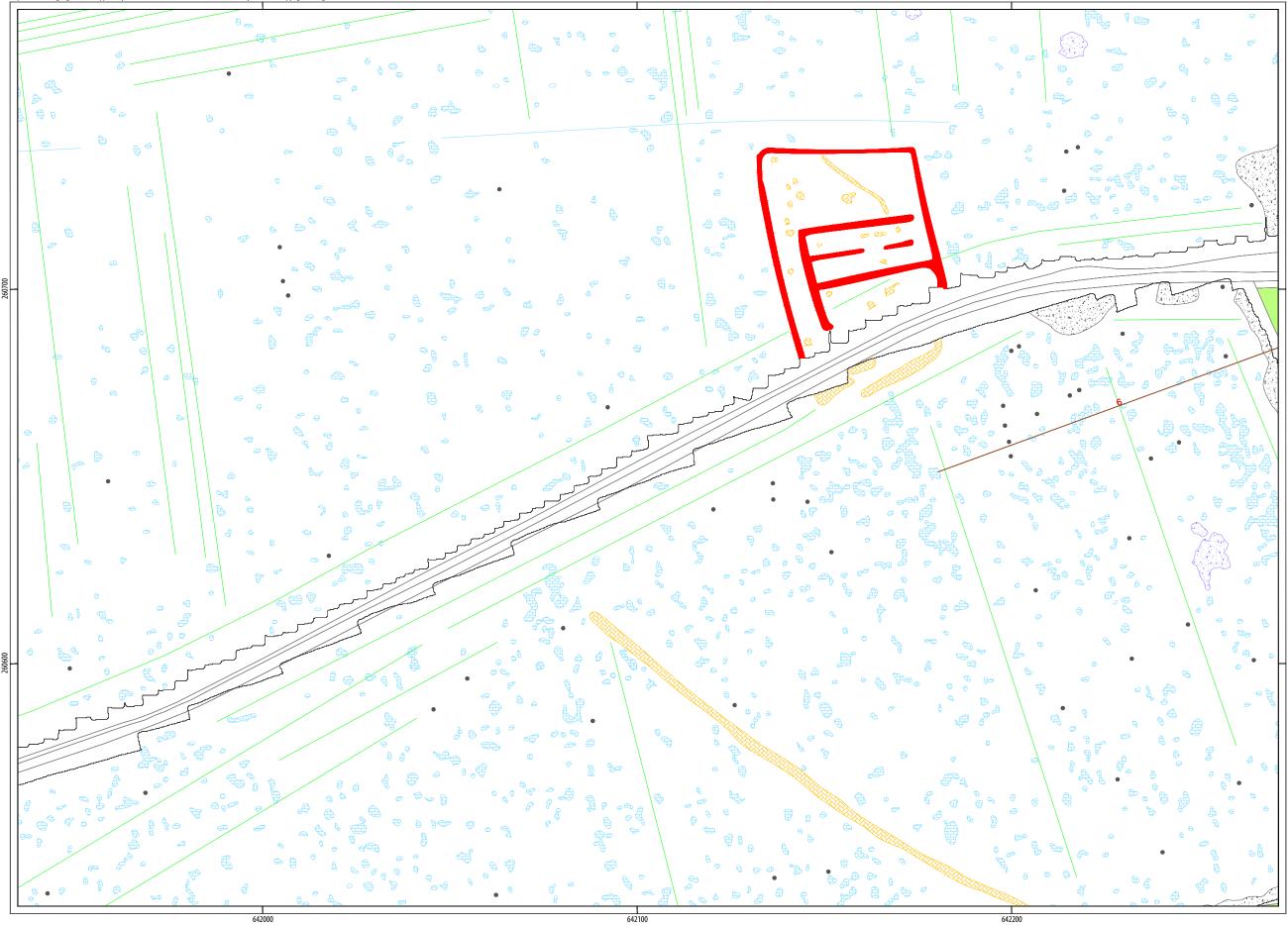
ILLUS 181 Processed greyscale magnetometer data; AAA8-S21-32



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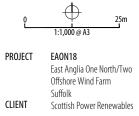
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ILLUS 183 Interpretation of magnetometer data; AAA8-S21-32

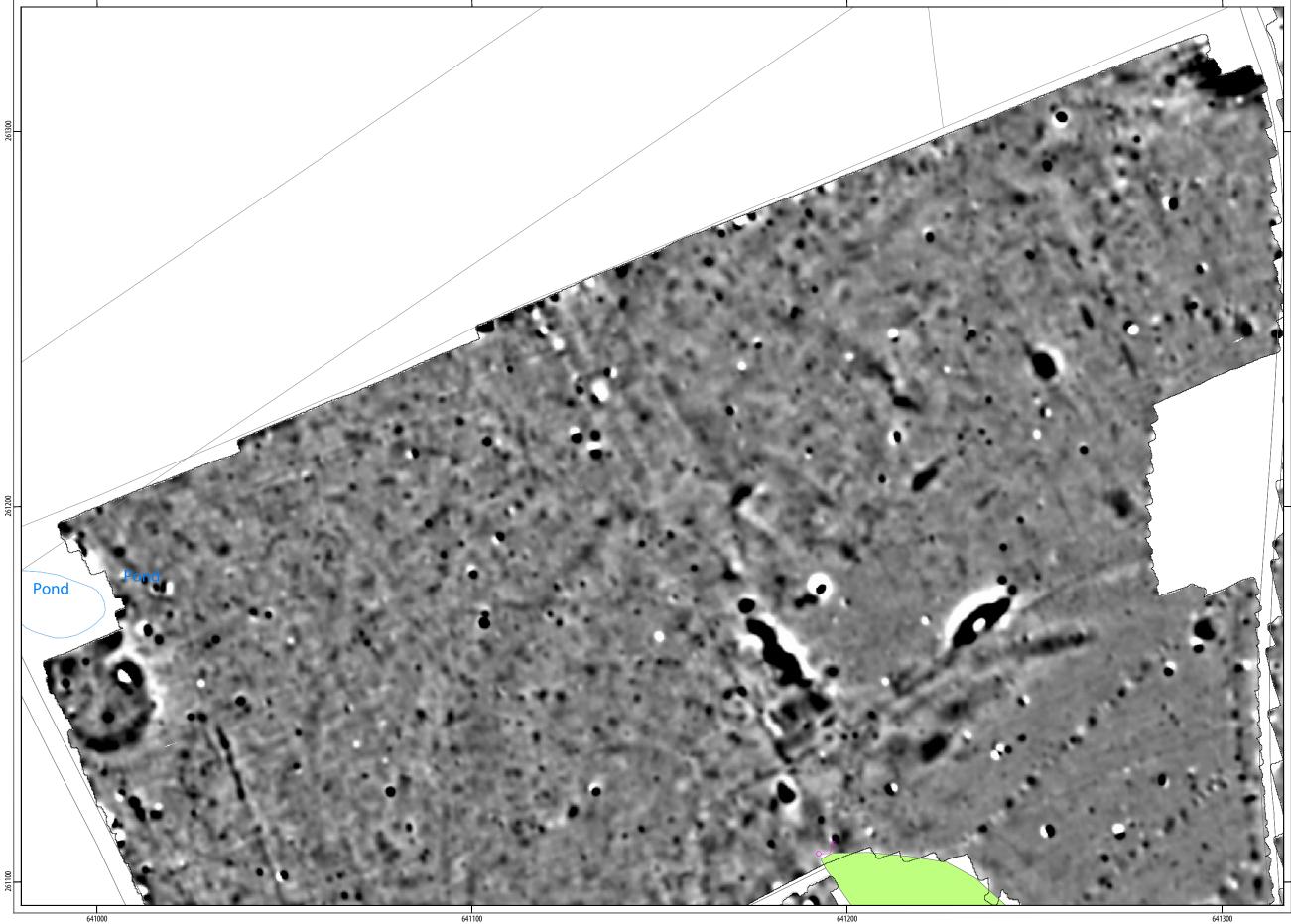


INTERPRETATION ferrous material ferrous material quarrying agricultural geology geological variation



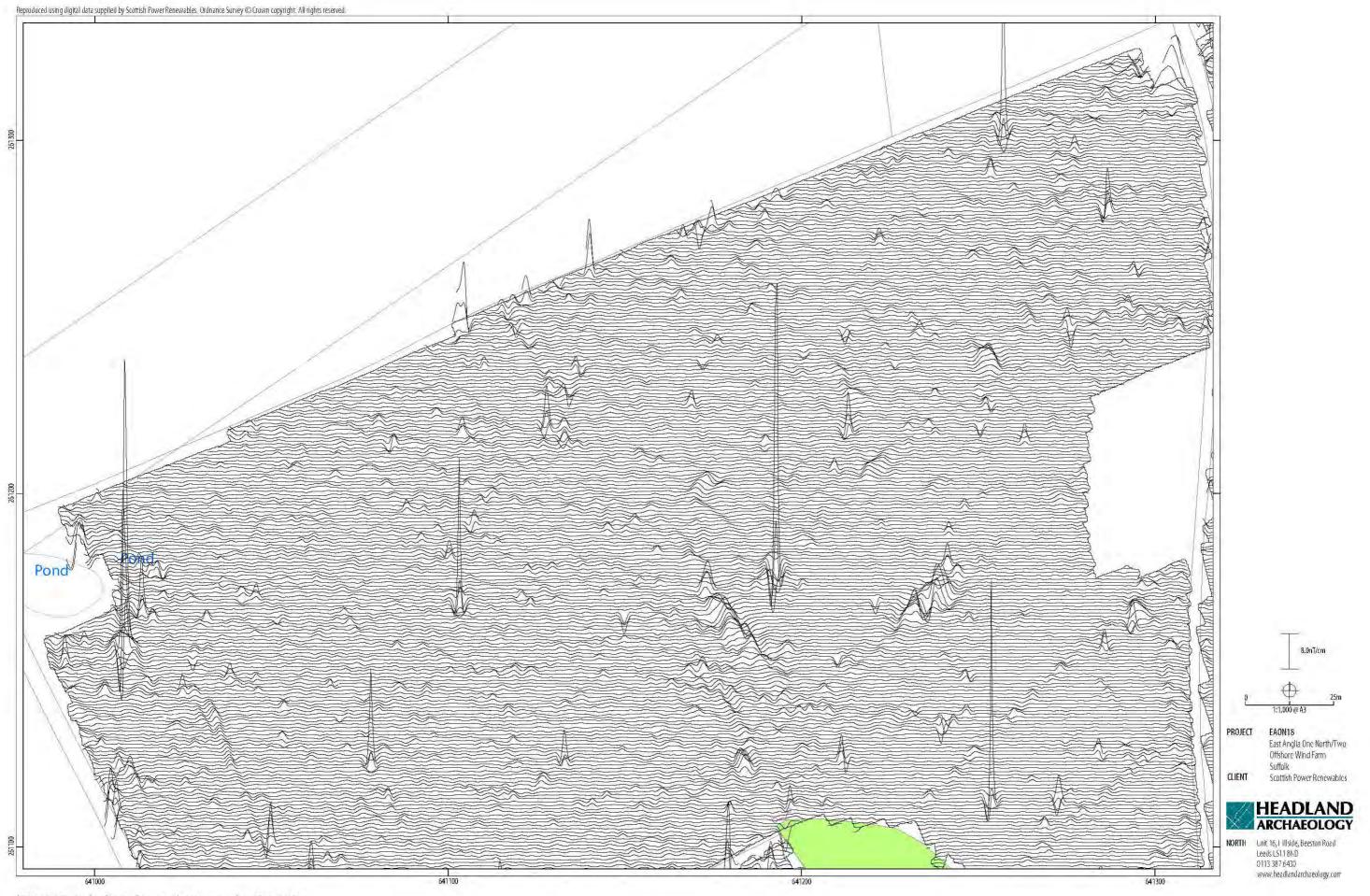


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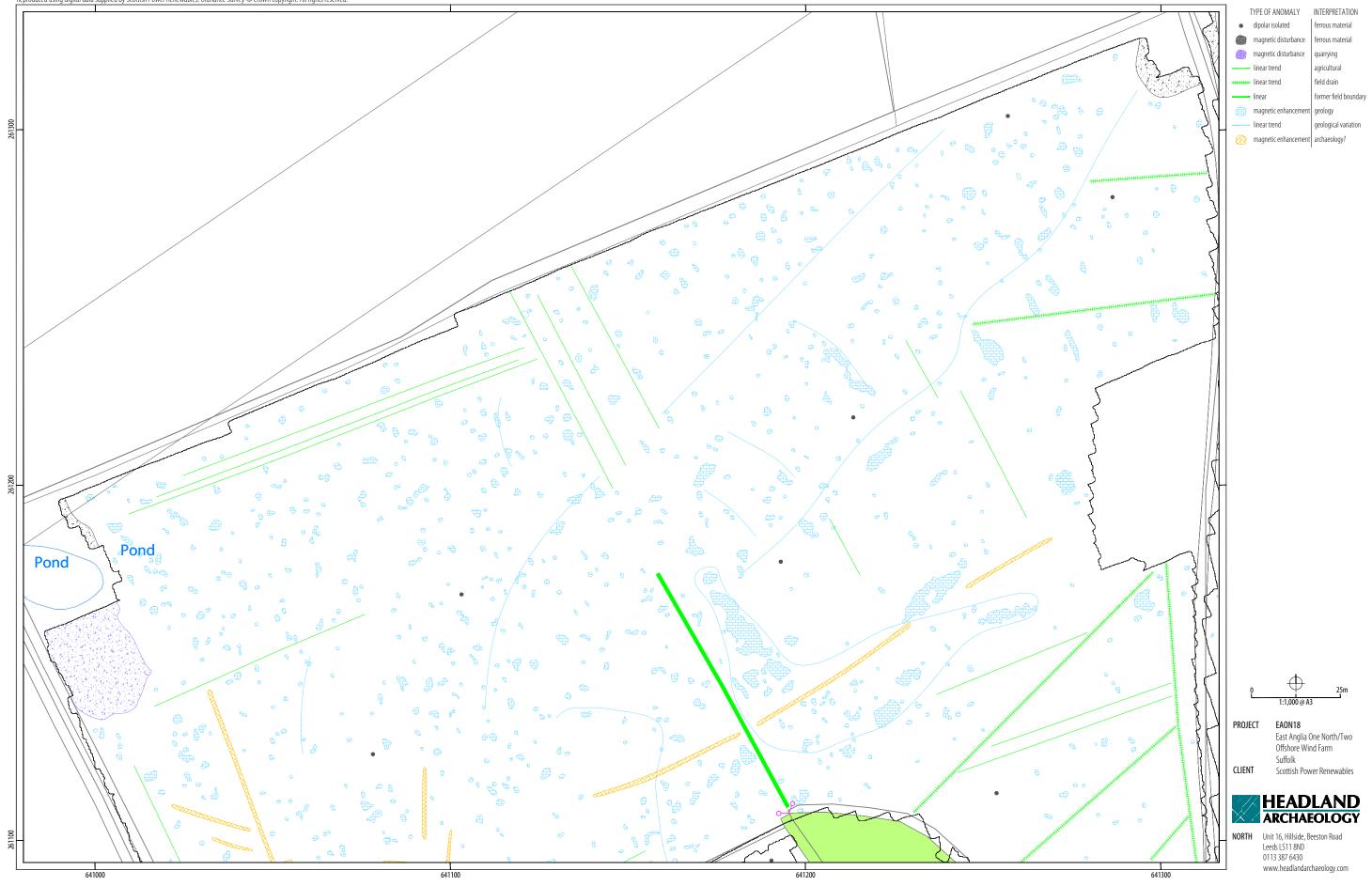


ILLUS 184 Processed greyscale magnetometer data; AAA9-S23-33

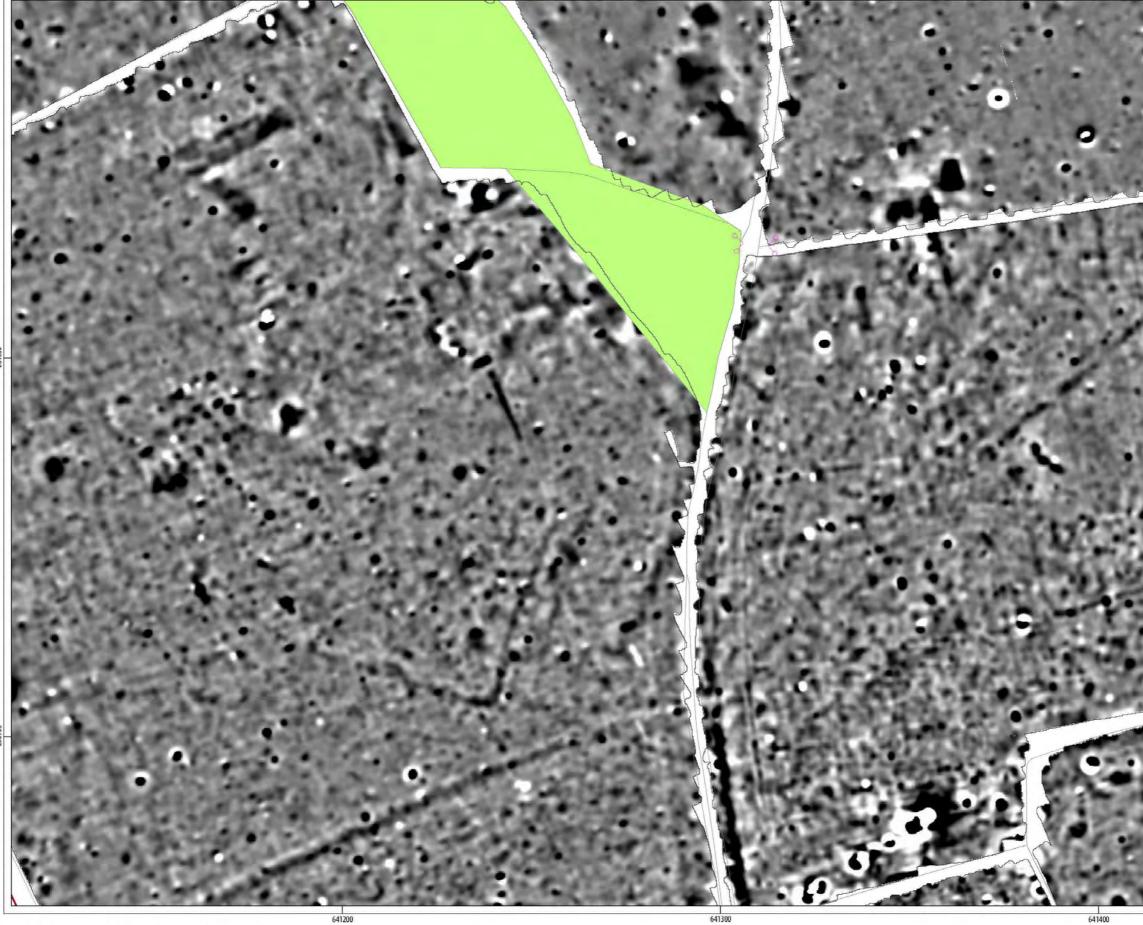




ILLUS 185 XY trace plot of minimally processed magnetometer data; AAA9-523-33



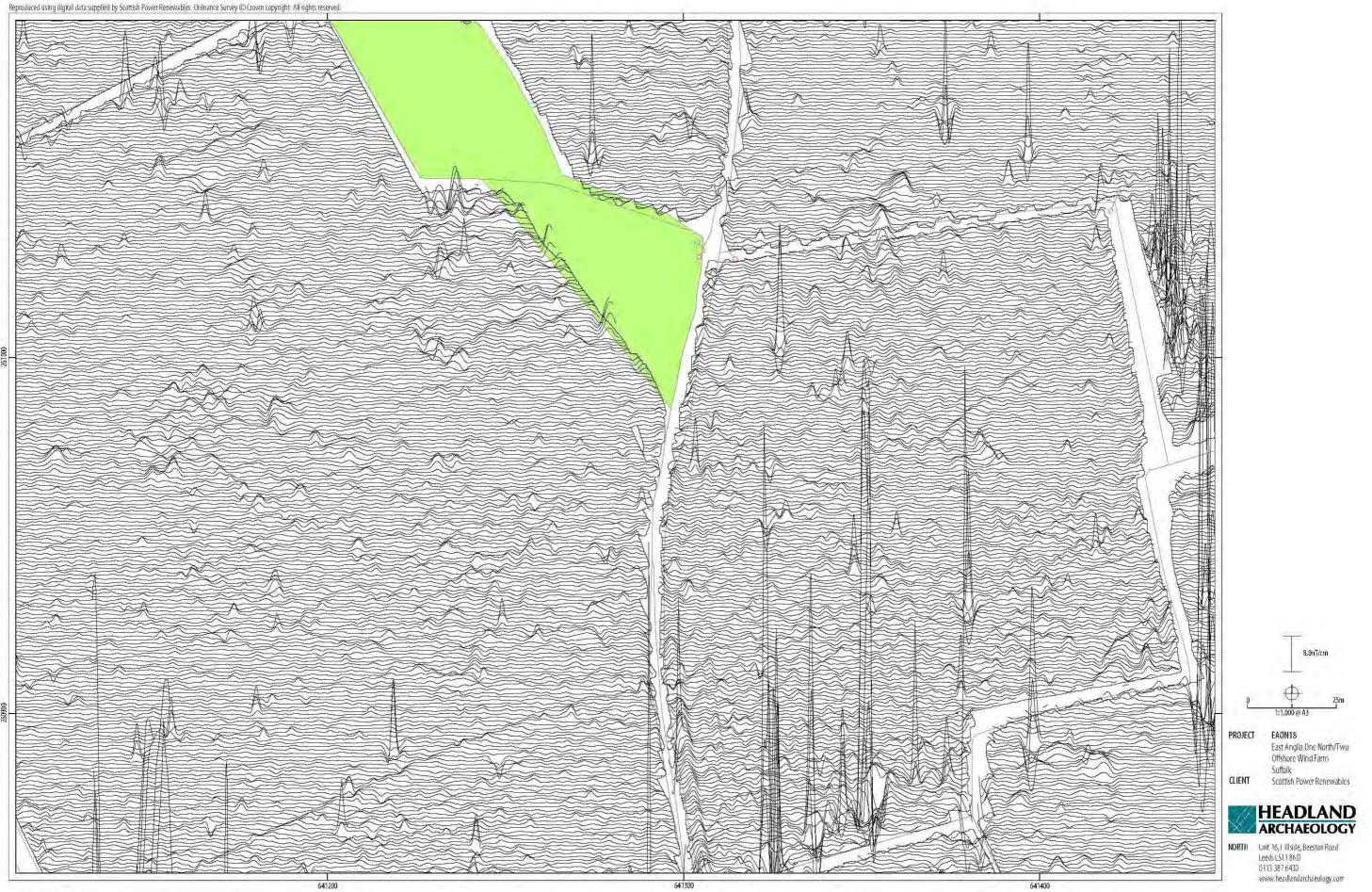
ILLUS 186 Interpretation of magnetometer data; AAA9-S23-33

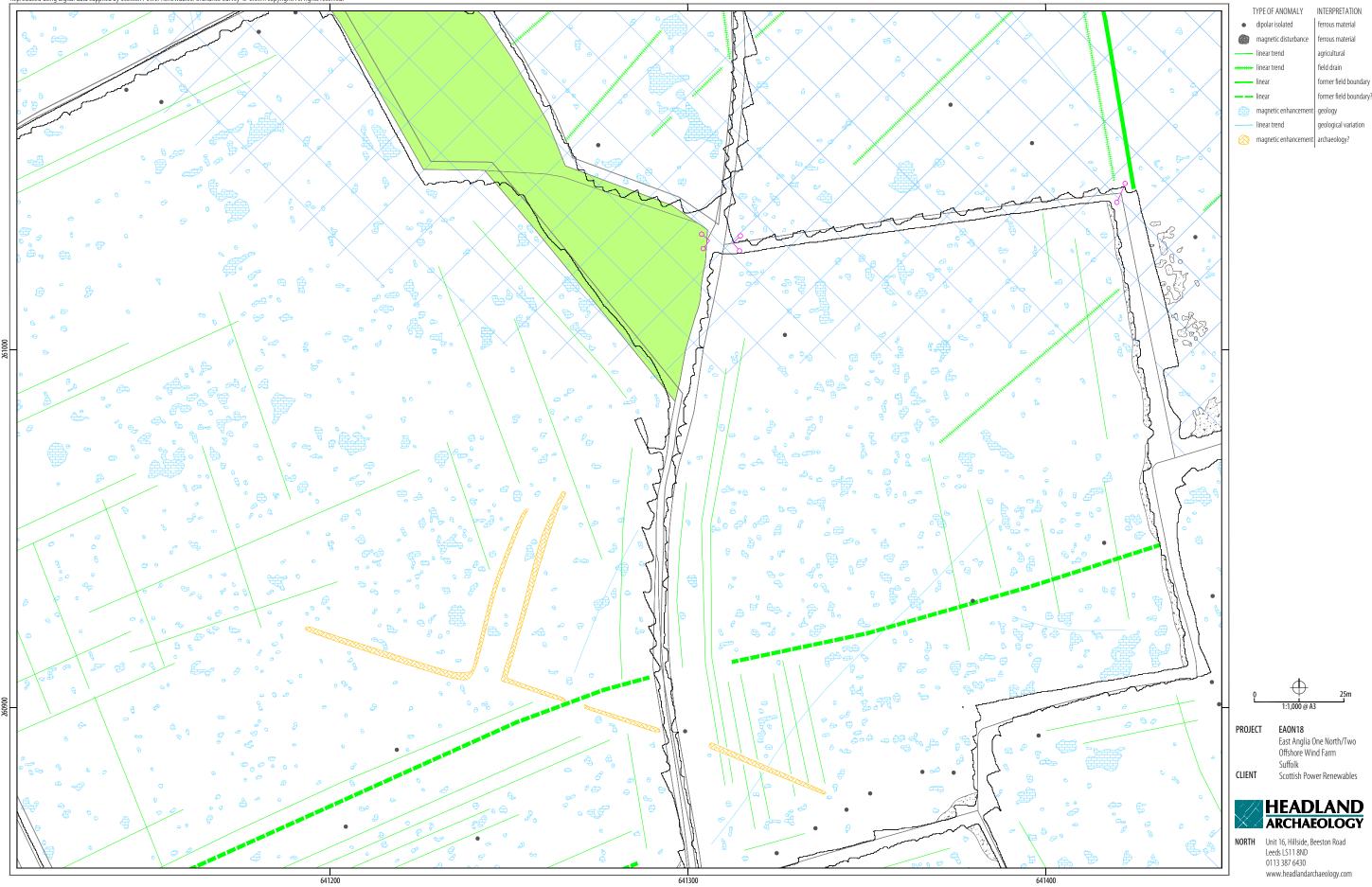


ILLUS 187 Processed greyscale magnetometer data; AAA9-S23-34

nT1.0
25m
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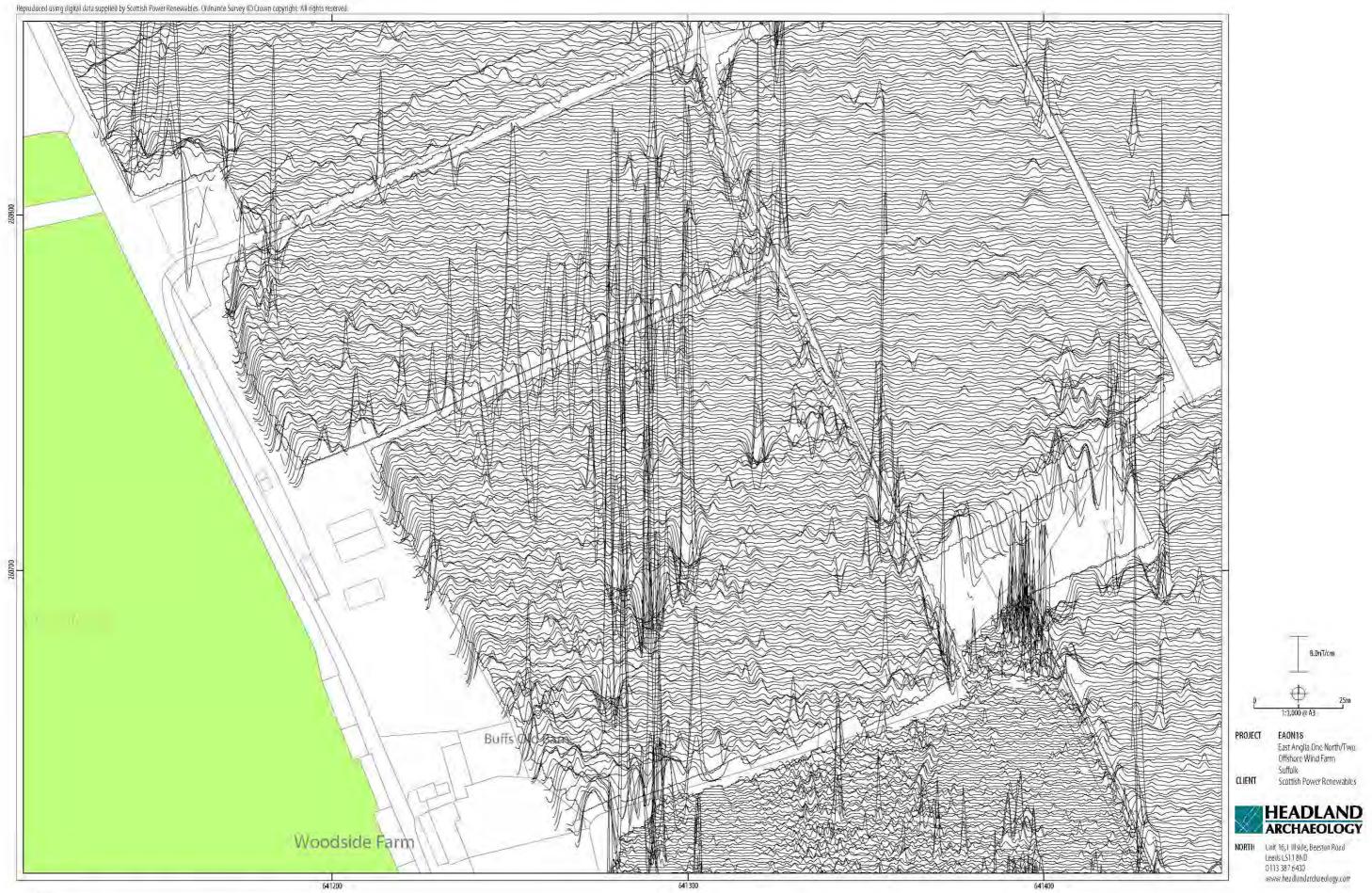


ILLUS 189 Interpretation of magnetometer data; AAA9-S23-34

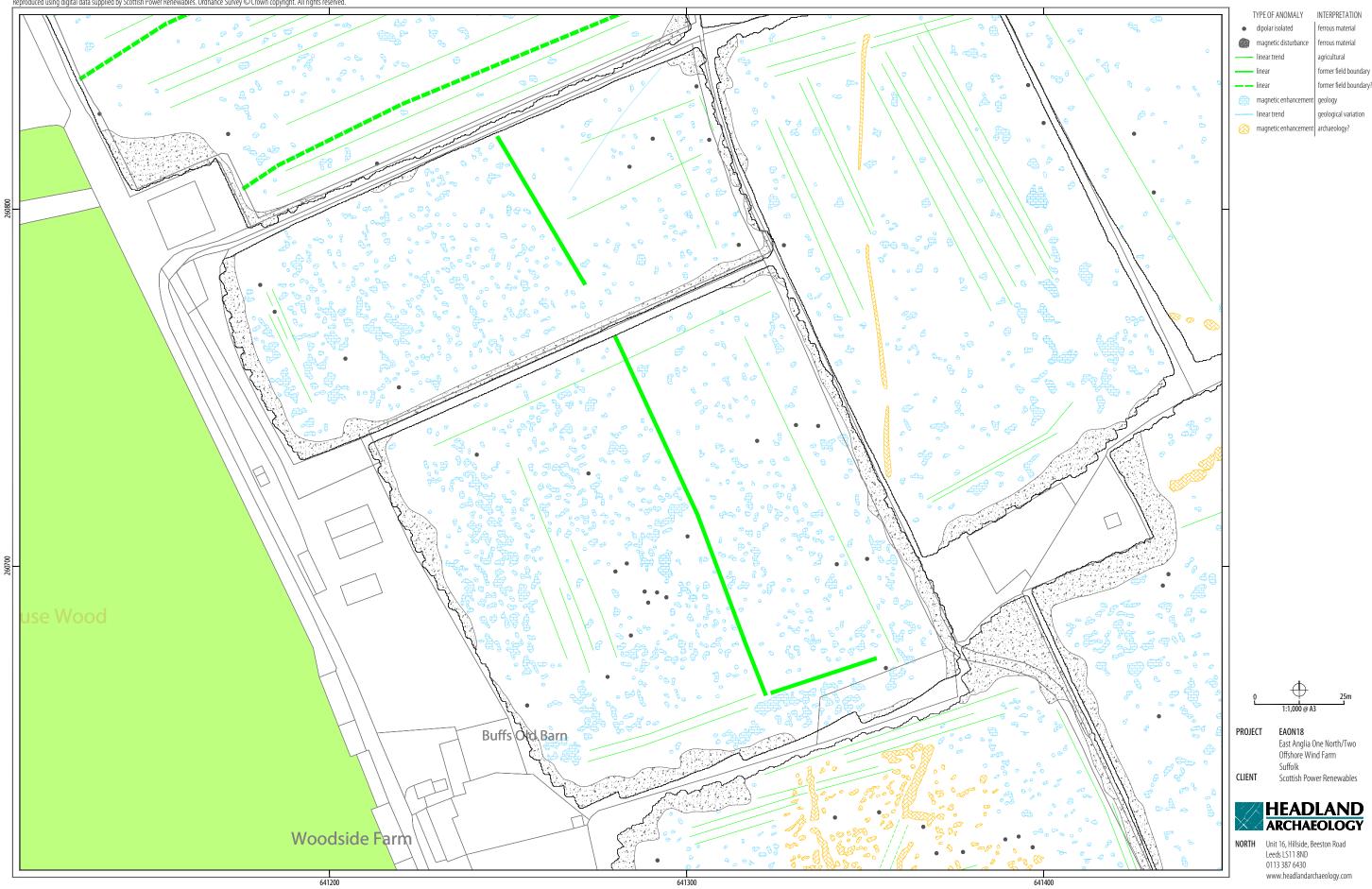


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11	25%
4.52	40
1000	619
1200-9	2.5
1007	24.0
	63 C -
12 6 1	25.5
	120
19	6120
1.22	100

-1.0	nT 1.0
0_	25m
PROJECT	EAON18 East Anglia One North/Two Offshore Wind Farm Suffolk
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ILLUS 191 XY trace plot of minimally processed magnetometer data; AAA9-523-35



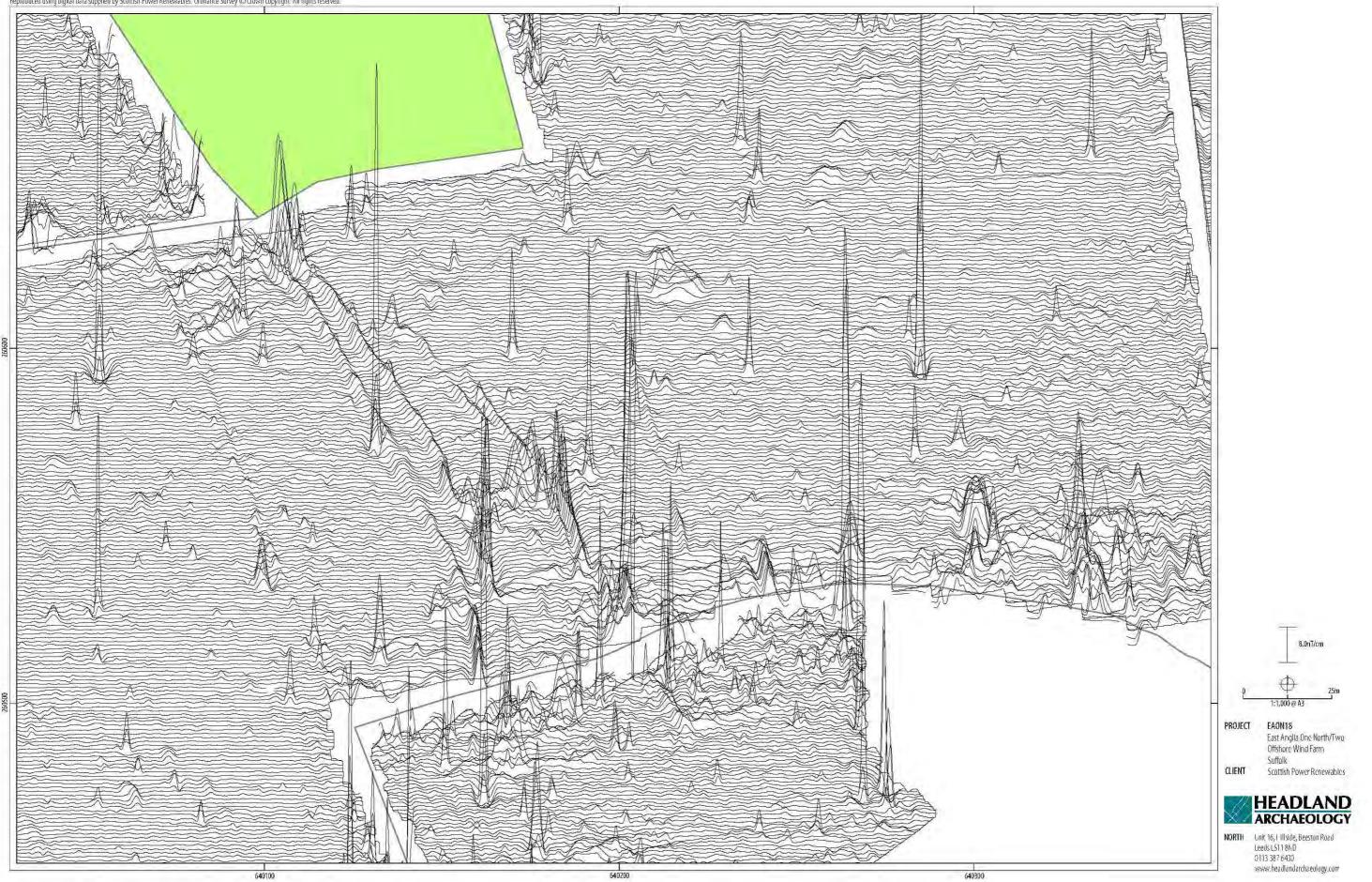




ILLUS 193 Processed greyscale magnetometer data; AAA11-S26-36

-1.0	nT1.0 ↓
PROJECT	EAON18
CLIENT	East Anglia One North/Two Offshore Wind Farm Suffolk Scottish Power Renewables
1/1	HEADLAND
$\langle \rangle$	
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ILLUS 195 Interpretation of magnetometer data; AAA11-S26-36

INTERPRETATION ferrous material ferrous material quarrying agricultural field drain former field boundary

25r

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