

**Rampion 2 Wind Farm
Category 6:
Environmental Statement
Volume 4, Appendix 25.4: Onshore
geophysical survey report
(Part 5 of 8)**

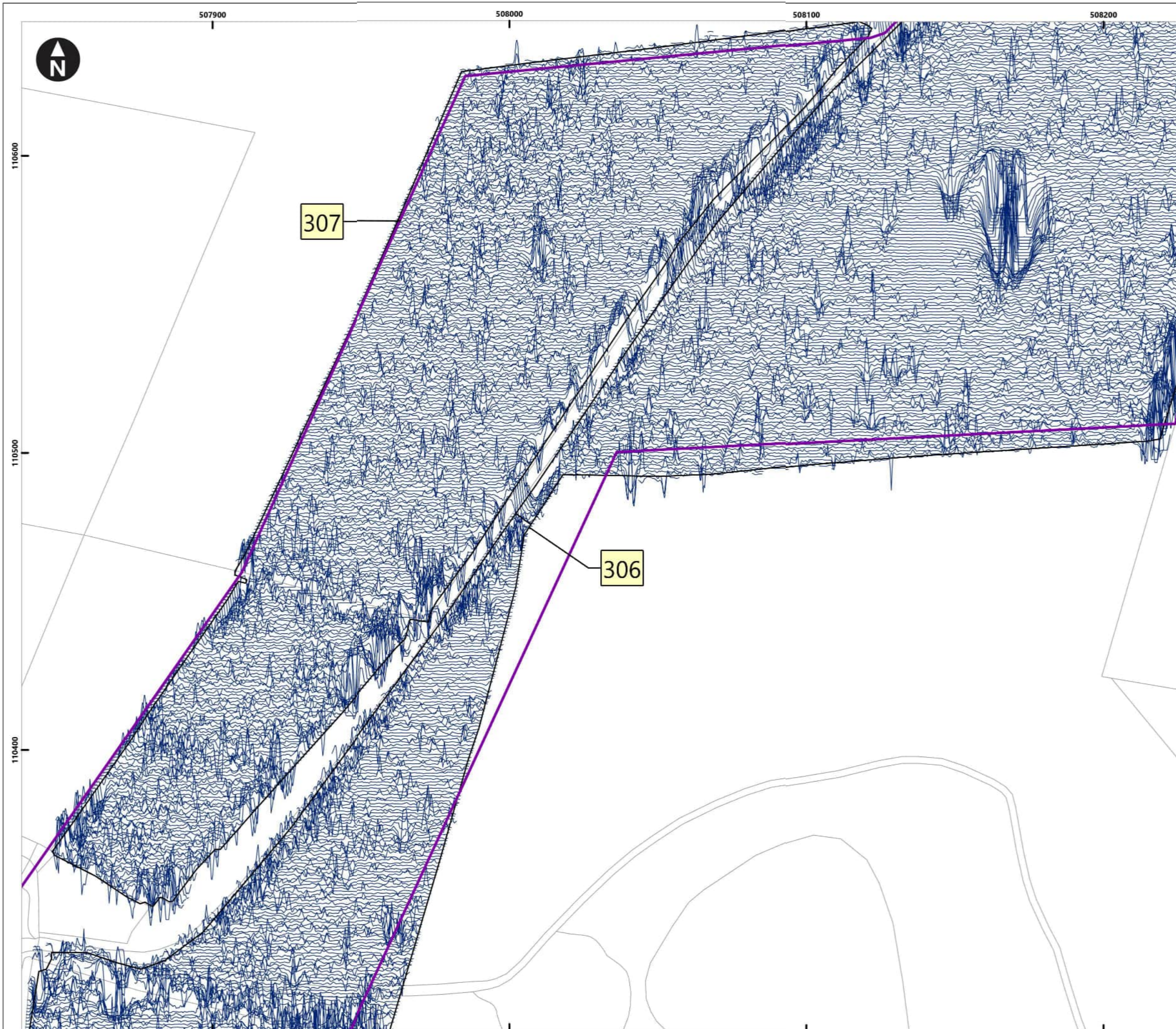
**Date: January 2024
Revision B**

Document Reference: 6.4.25.4
Pursuant to: APFP Regulation 5 (2) (a)
Ecodoc number: 004866585-02



Document revisions

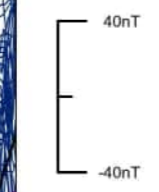
Revision	Date	Status/reason for issue	Author	Checked by	Approved by
A	04/08/2023	Final for DCO Application	WSP	RED	RED
B	16/01/2024	Updated report and figures with additional geophysical survey results undertaken subsequent to DCO Application.	WSP	RED	RED



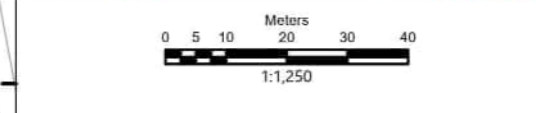
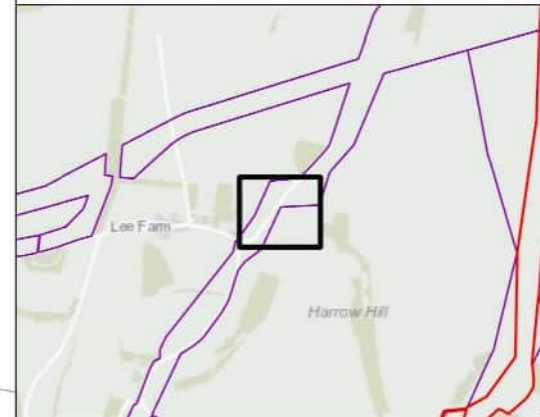
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey



- Field Number
- Map Frame Extent



Rampion Extension Development



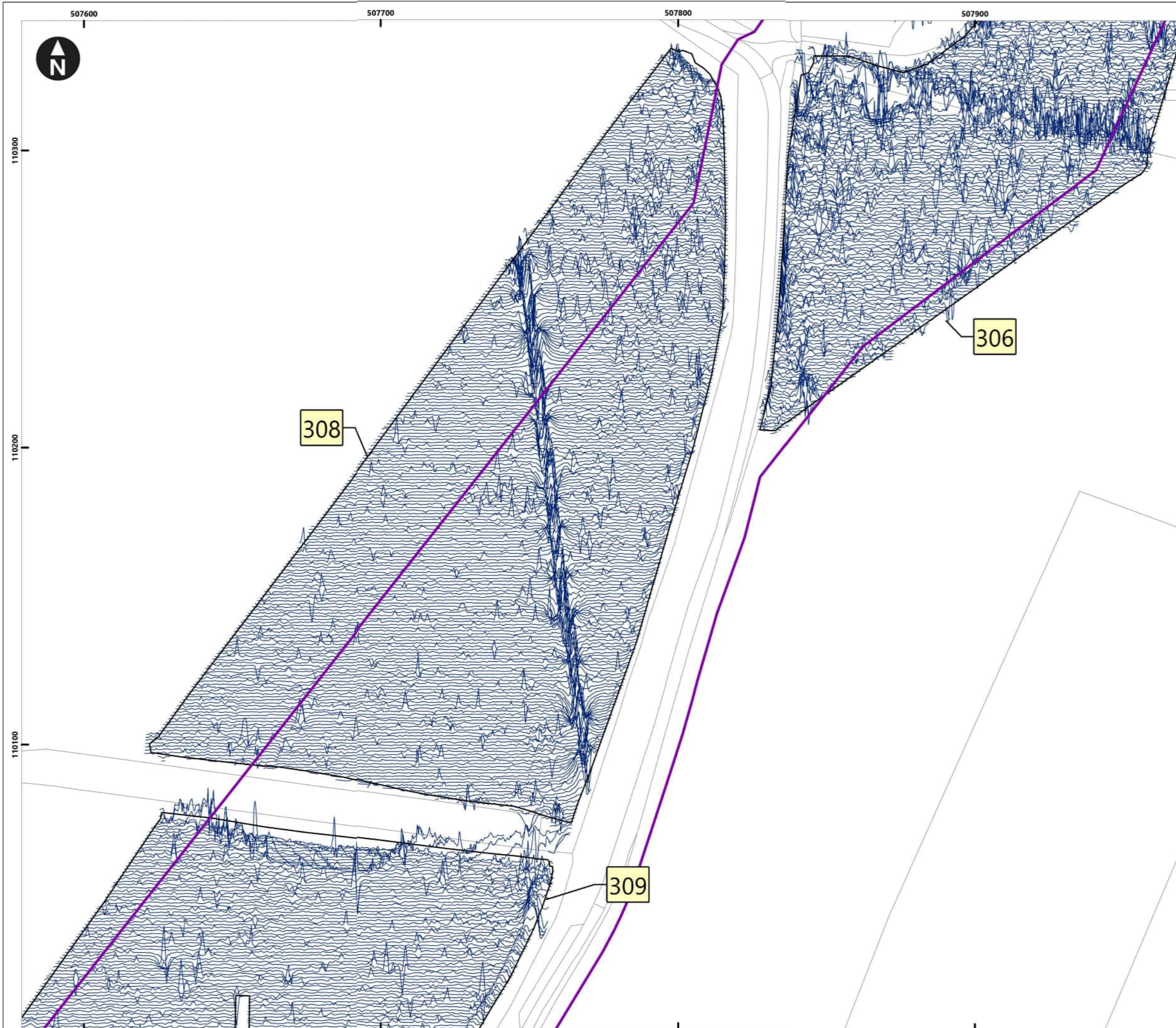
Rampion 2 Offshore Wind Farm

Figure 4.185: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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42285-WSPE-ES-ON-FG-OH-0012		1.0

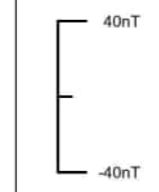
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AOC	SO	WSP	15/12/2023	FINAL



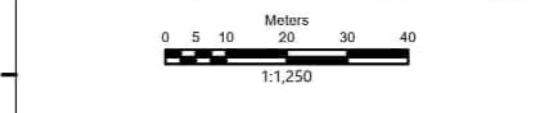
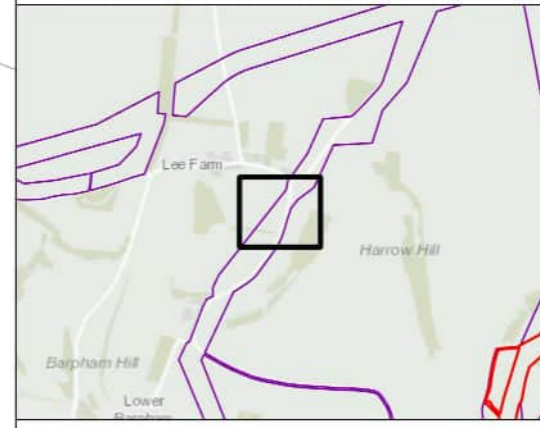
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey



- 1 Field Number
- Map Frame Extent



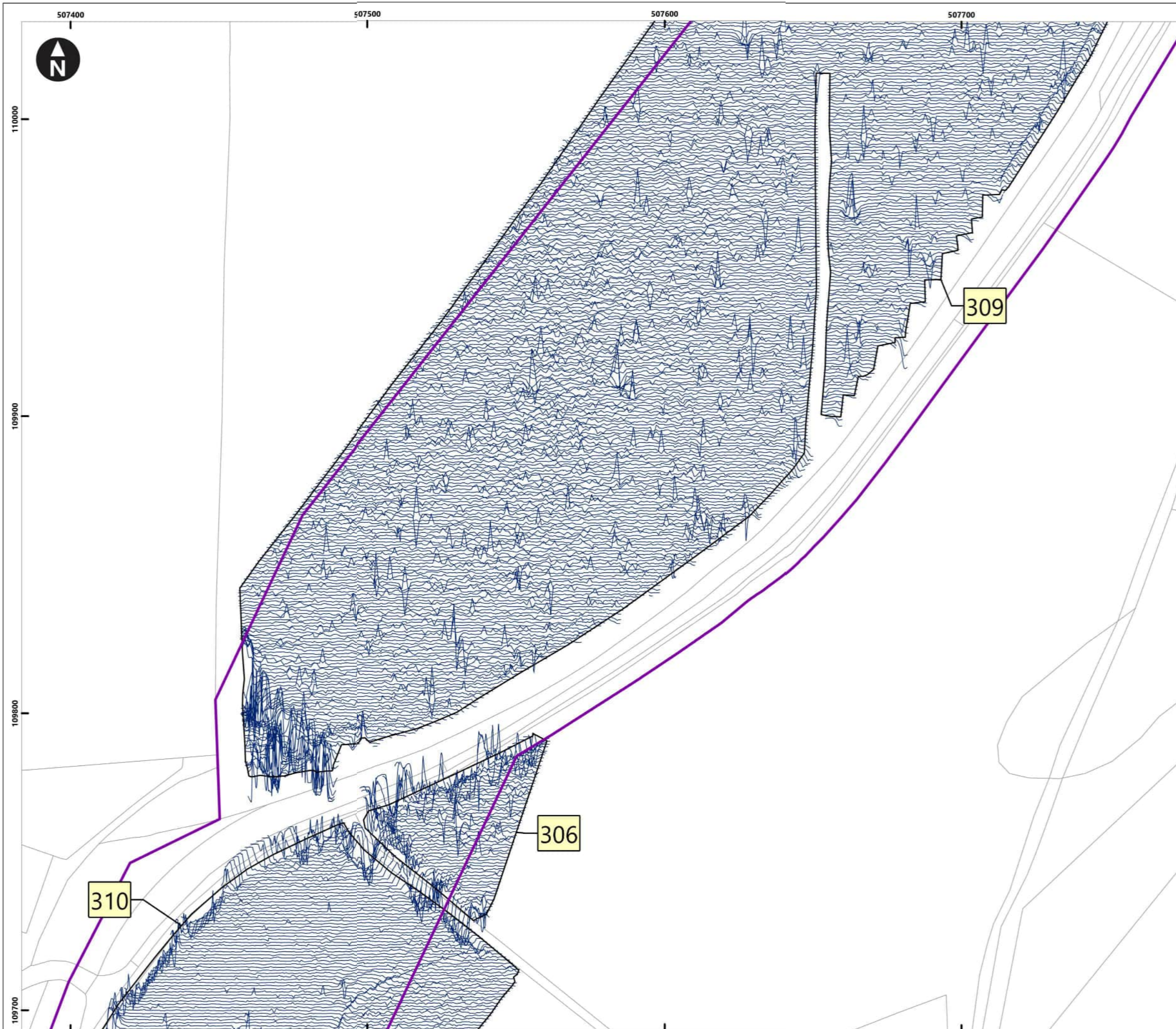
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.186: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

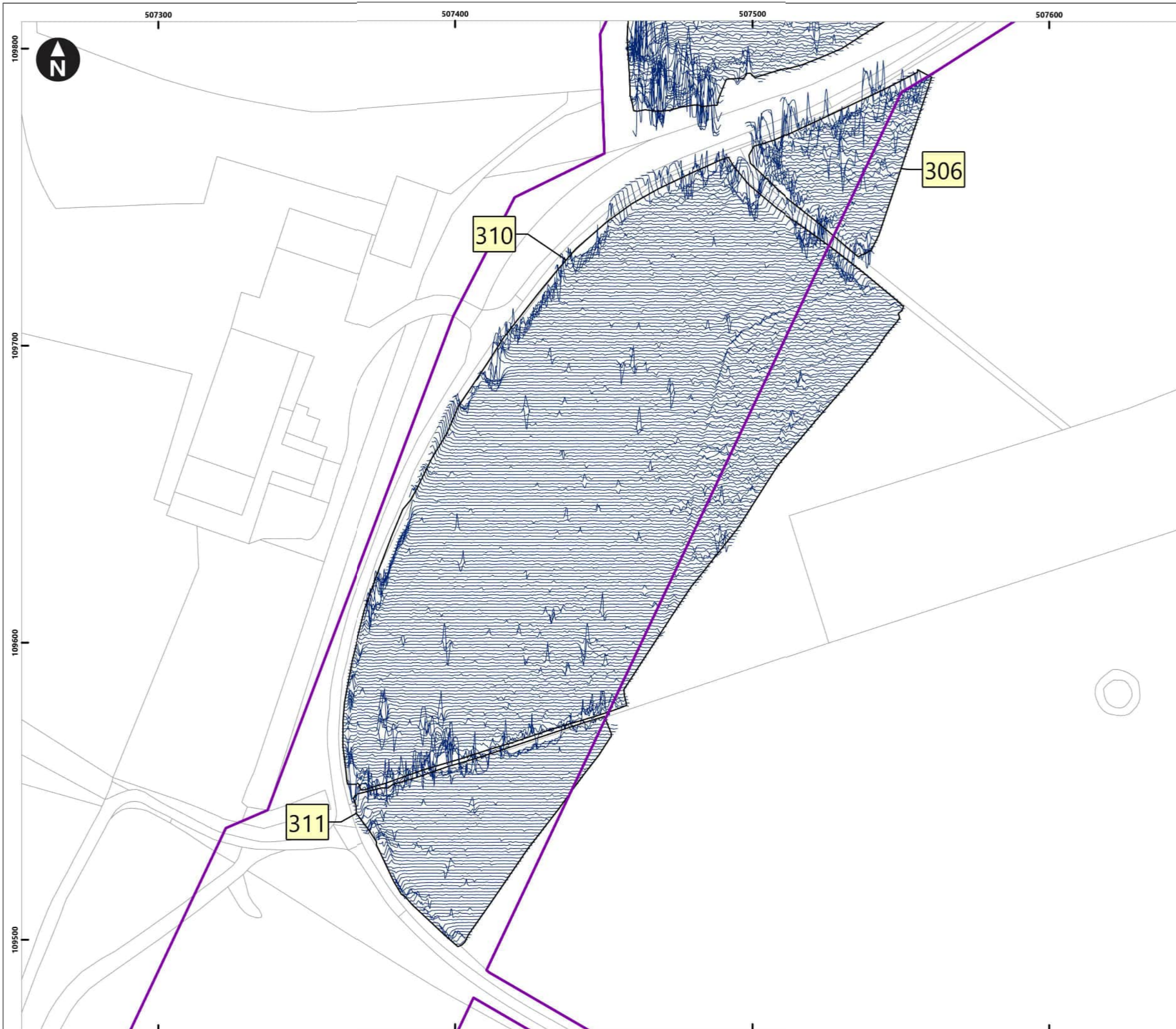
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.187: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

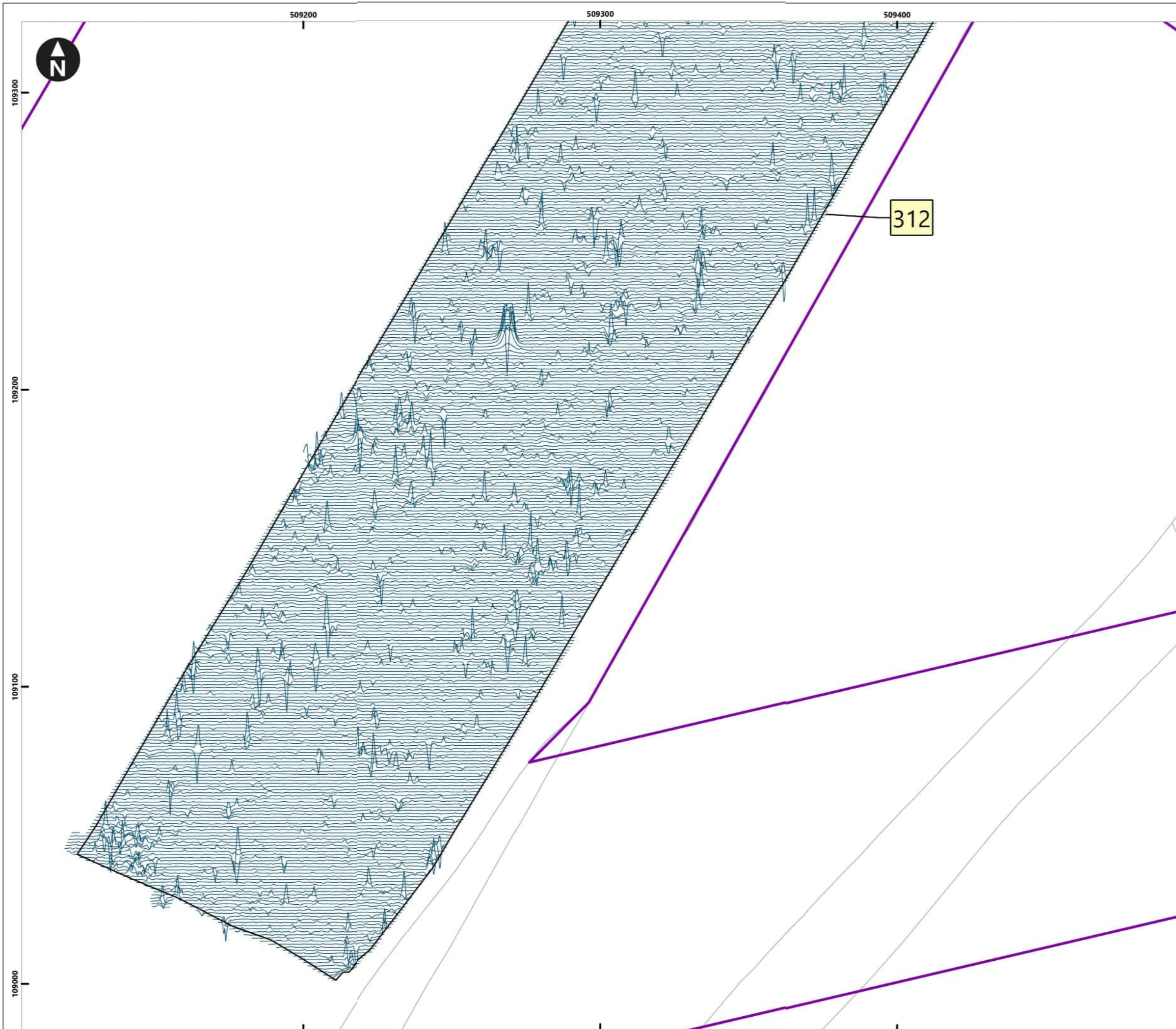
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.188: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

Meters
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1:1,250

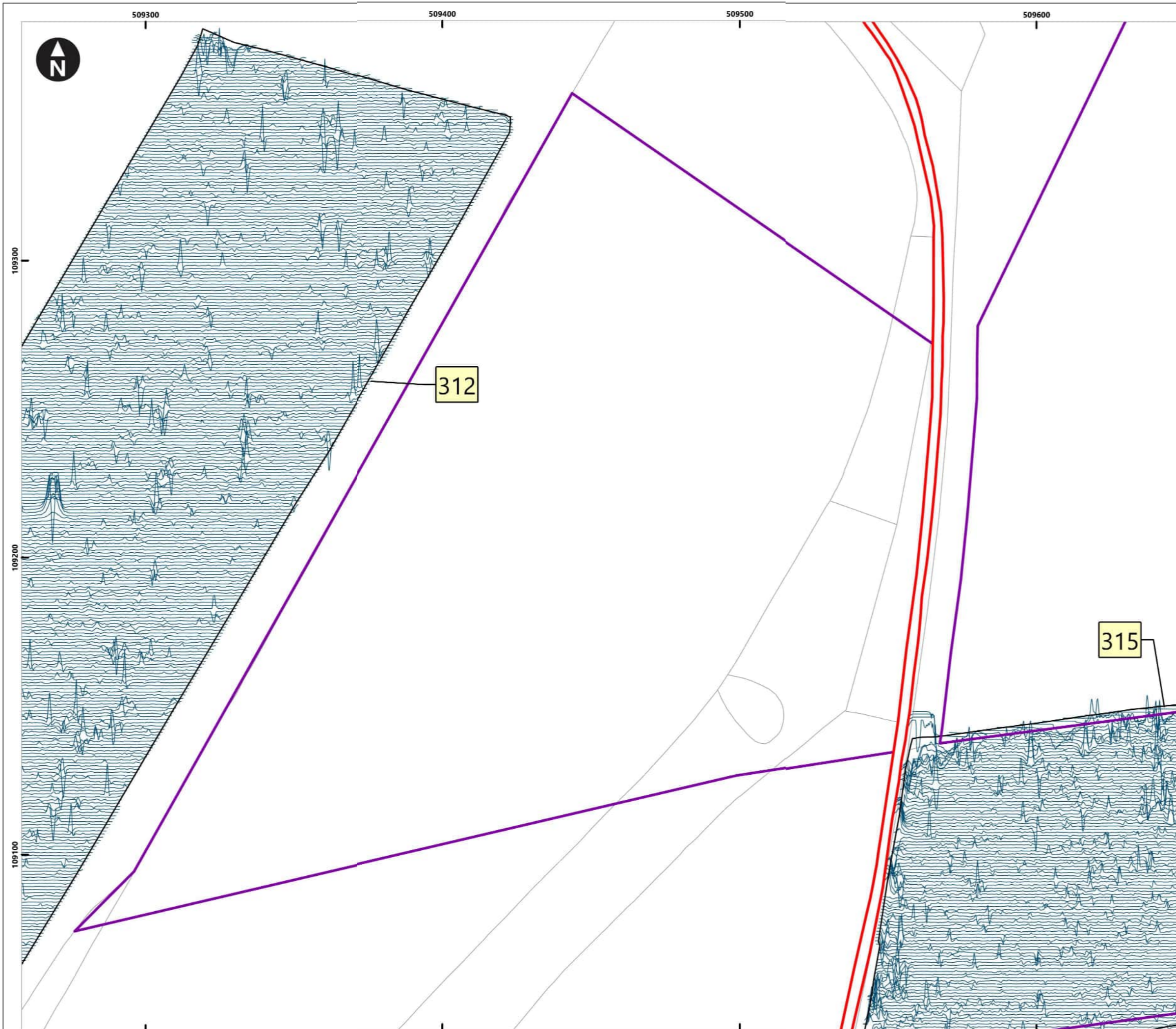
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.189: Minimally processed gradiometer data - XY Trace

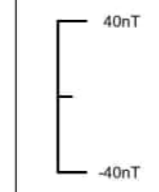
Onshore Archaeological Geophysical Survey

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AOC	SO	WSP	15/12/2023	FINAL

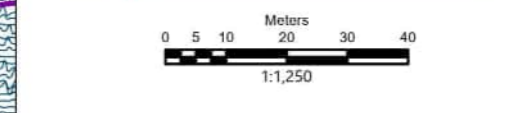


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- Key**
- Proposed DCO Order Limits
 - Limits of Gradiometer Survey



- Field Number
- Map Frame Extent

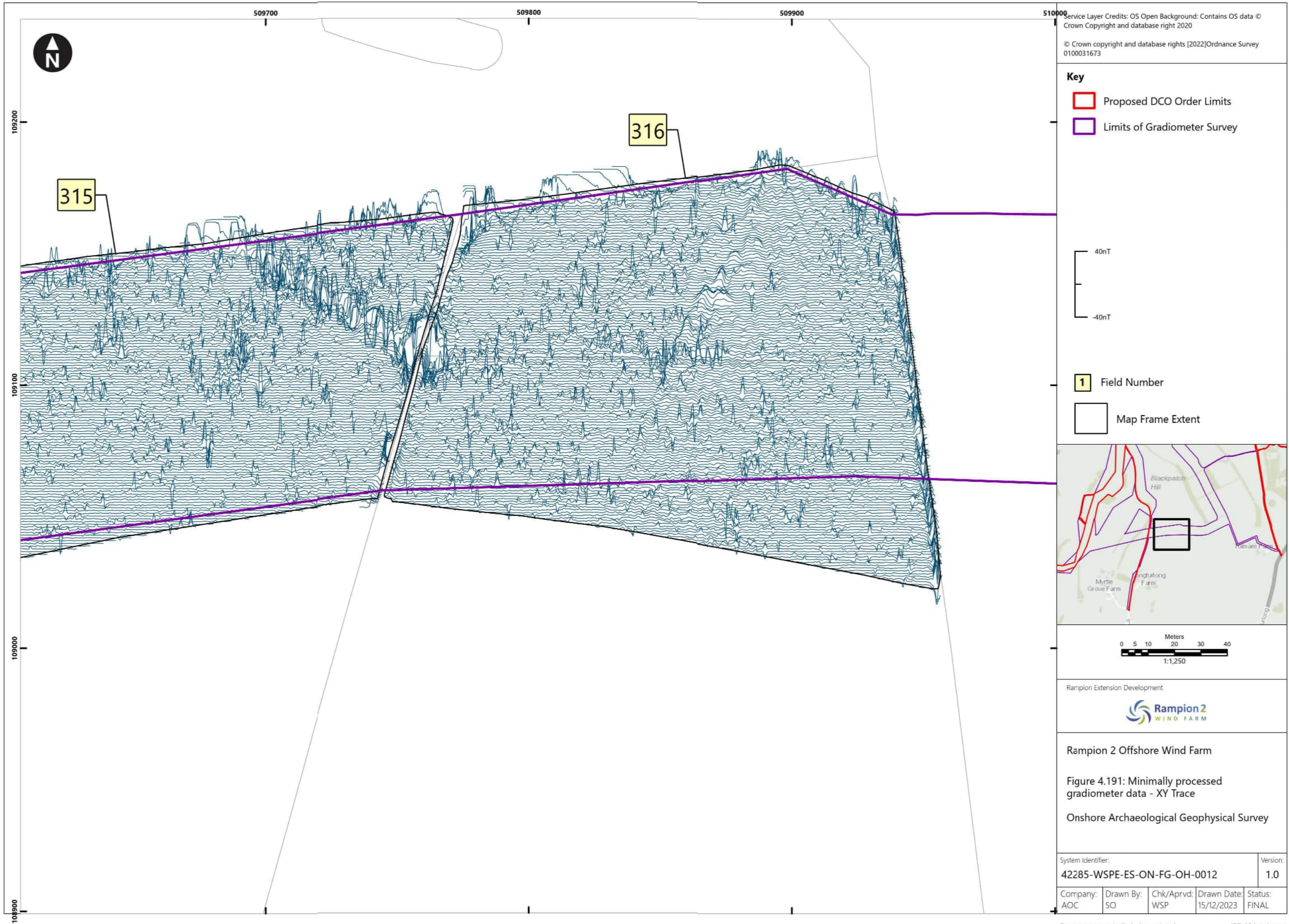


Rampion Extension Development


Rampion 2 Offshore Wind Farm
 Figure 4.190: Minimally processed gradiometer data - XY Trace
 Onshore Archaeological Geophysical Survey

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 - Limits of Gradiometer Survey



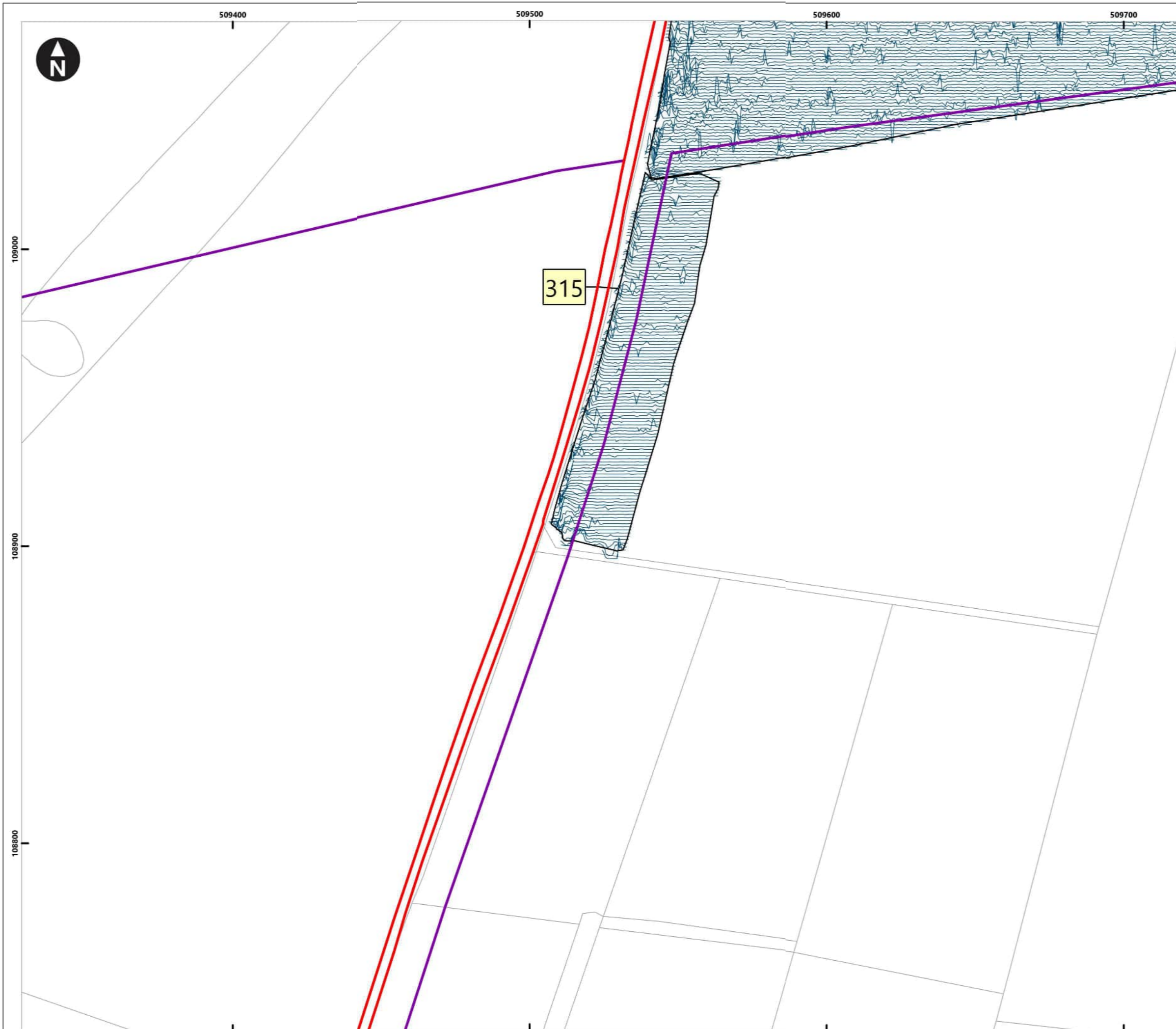
- Field Number
- Map Frame Extent



Rampion Extension Development

Rampion 2 Offshore Wind Farm
 Figure 4.191: Minimally processed gradiometer data - XY Trace
 Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.192: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

System Identifier:		Version:		
42285-WSPE-ES-ON-FG-OH-0012		1.0		
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

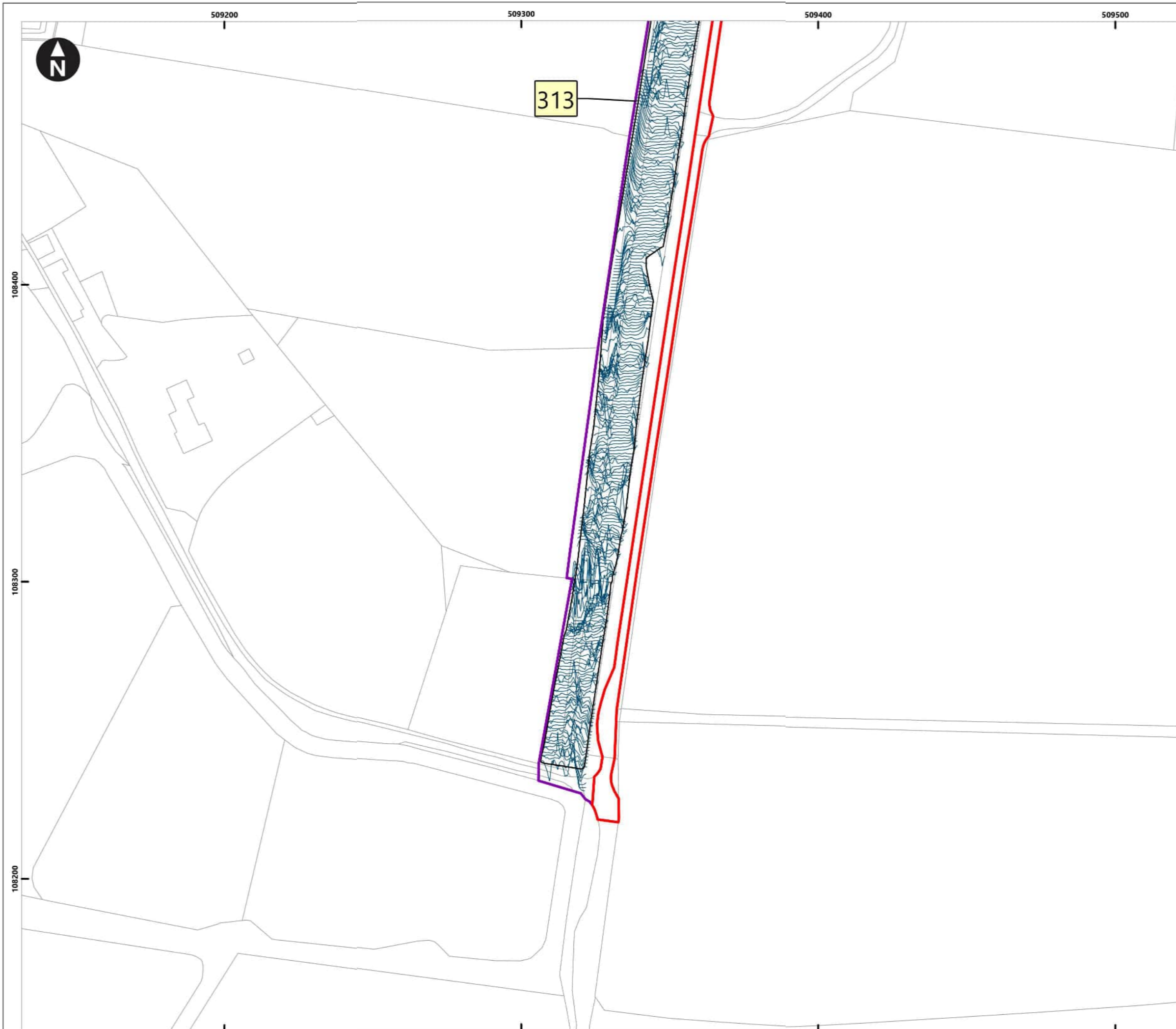
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.193: Minimally processed gradiometer data - XY Trace

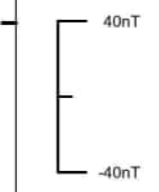
Onshore Archaeological Geophysical Survey

System Identifier:		Version:		
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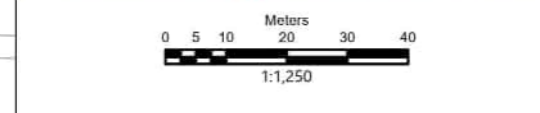
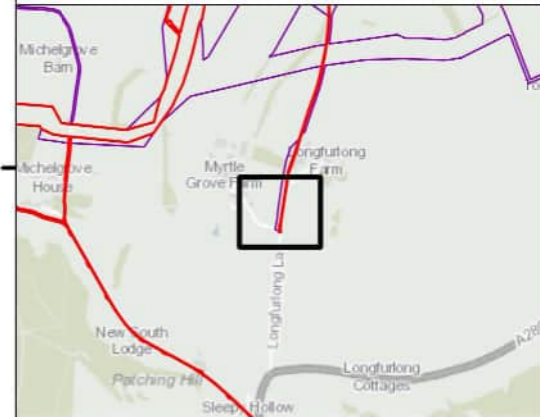


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- Key**
- Proposed DCO Order Limits
 - Limits of Gradiometer Survey



- Field Number
- Map Frame Extent



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 4.194: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

System Identifier: 42285-WSPE-ES-ON-FG-OH-0012	Version: 1.0
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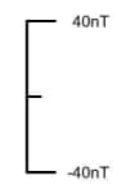
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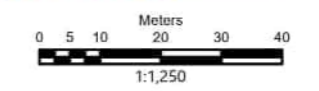
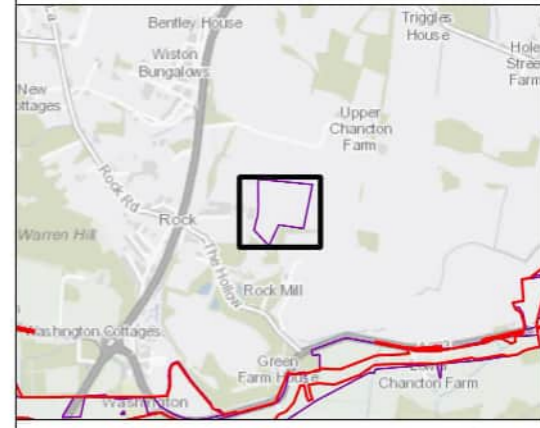
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- Key**
- Proposed DCO Order Limits
 - Limits of Gradiometer Survey



- Field Number
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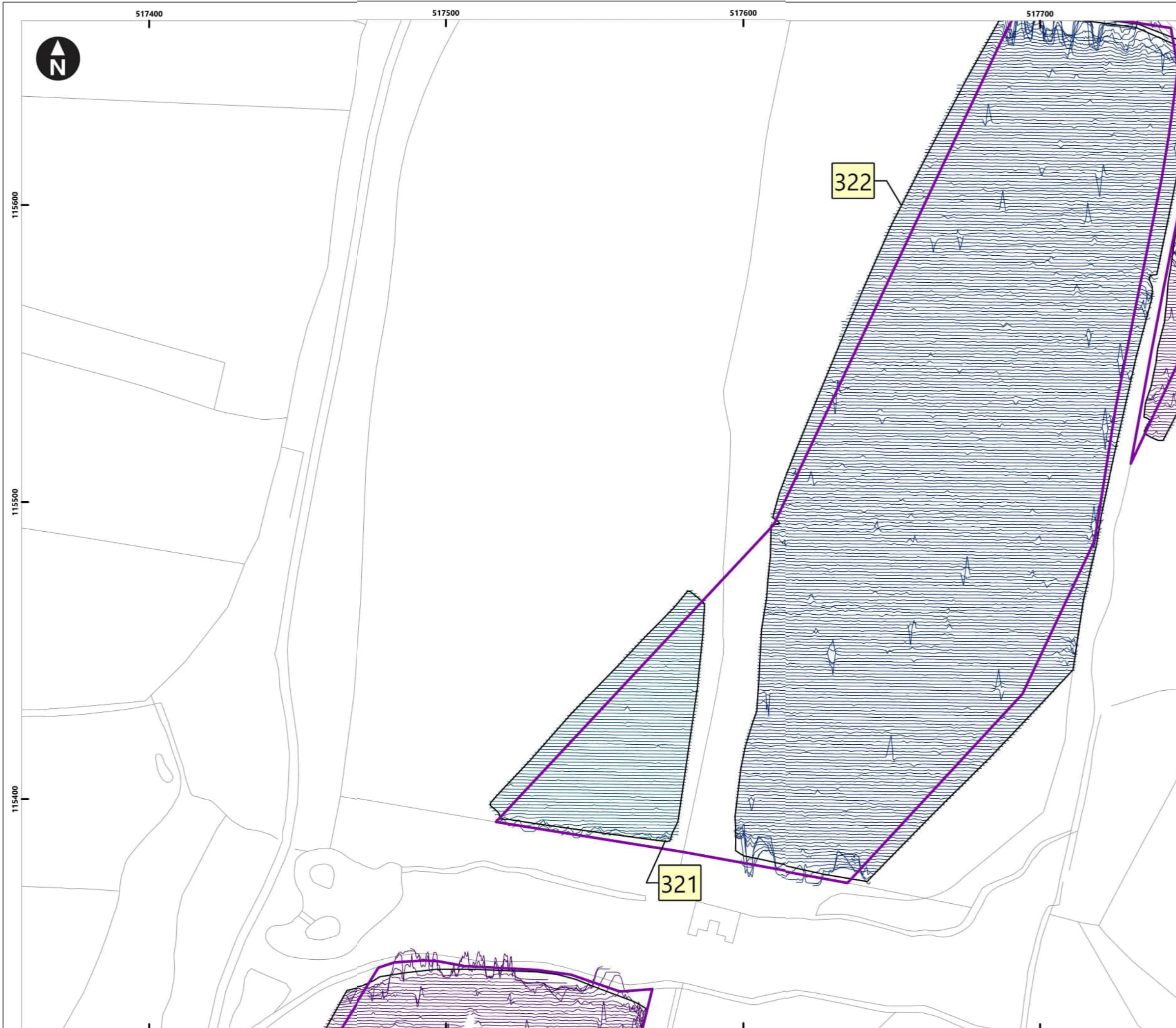
Rampion 2 Offshore Wind Farm

Figure 4.195: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

System Identifier:	Version:
42285-WSPE-ES-ON-FG-OH-0012	1.0

Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey
- Unsuitable

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

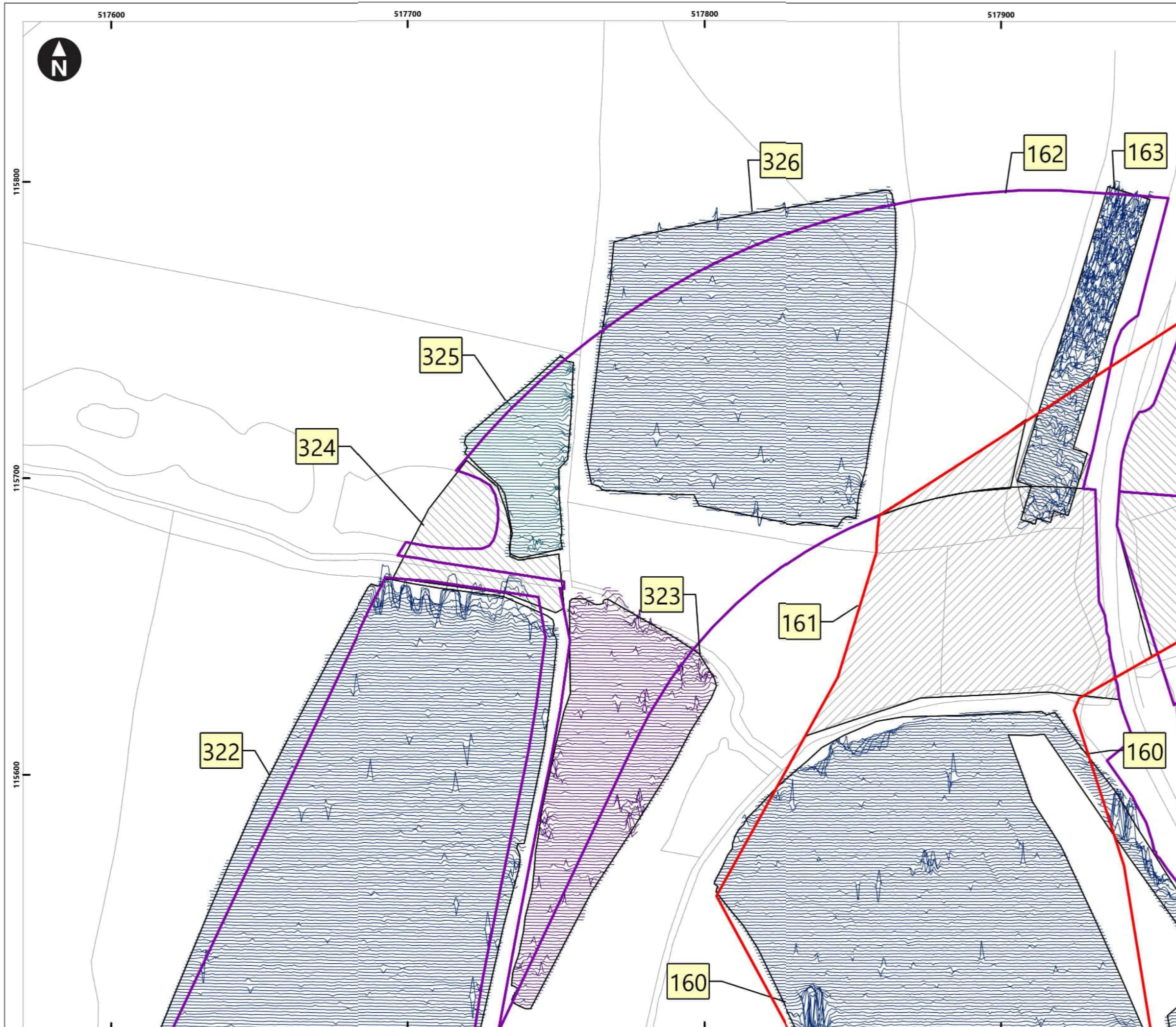
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.196: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

System Identifier:		Version:		
42285-WSPE-ES-ON-FG-OH-0012		1.0		
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
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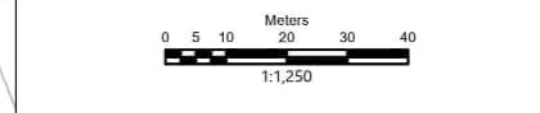
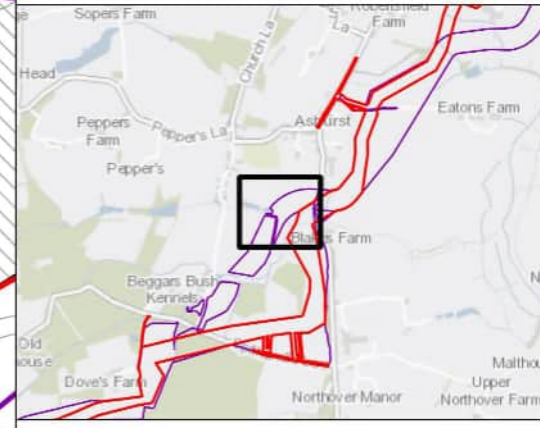
Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey
- Outstanding
- Unsuitable

40nT
-40nT

1 Field Number

Map Frame Extent



Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.197: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40 Meters
1:1,250

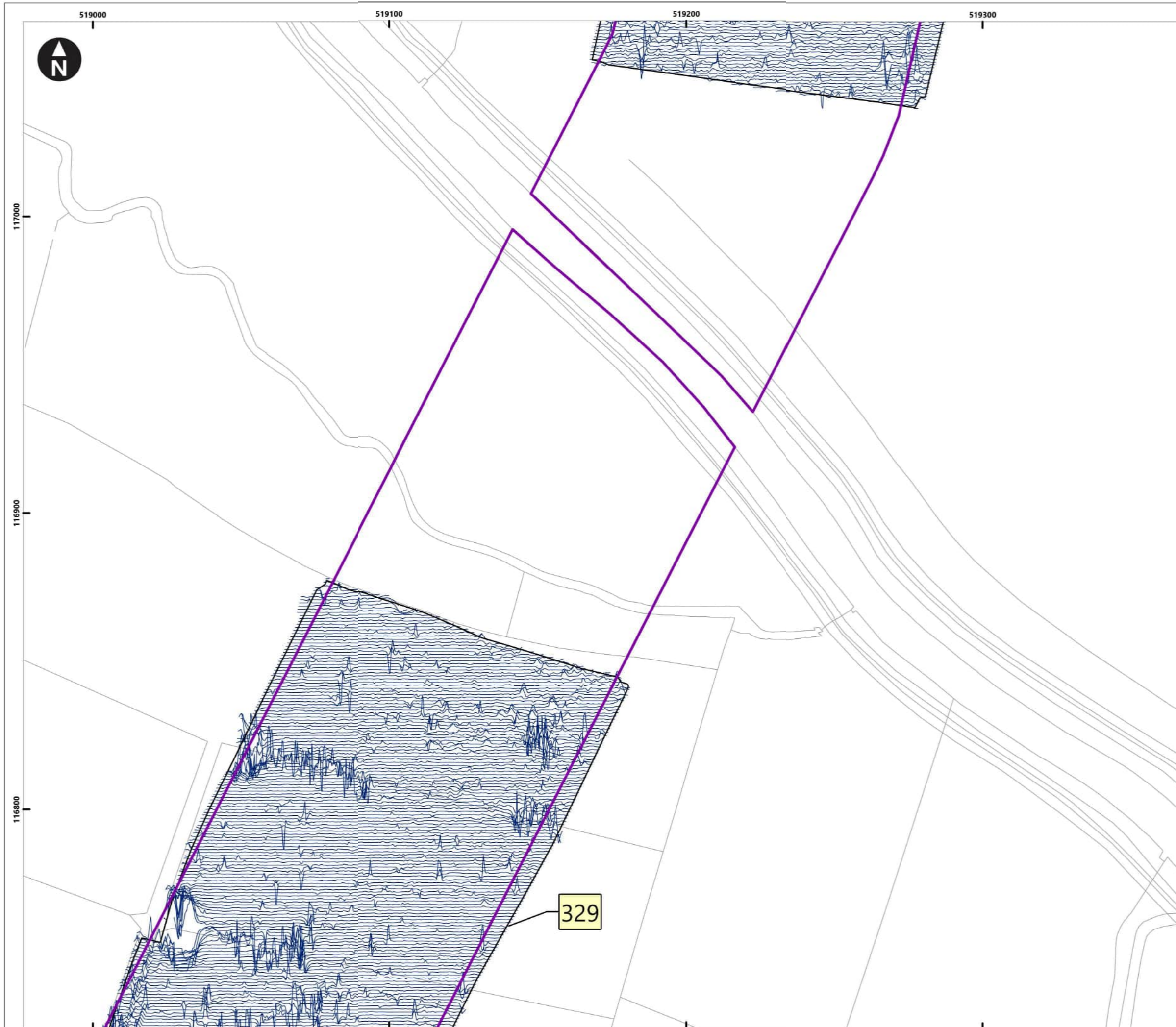
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.198: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
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40nT
-40nT

1 Field Number

Map Frame Extent

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Meters
1:1,250

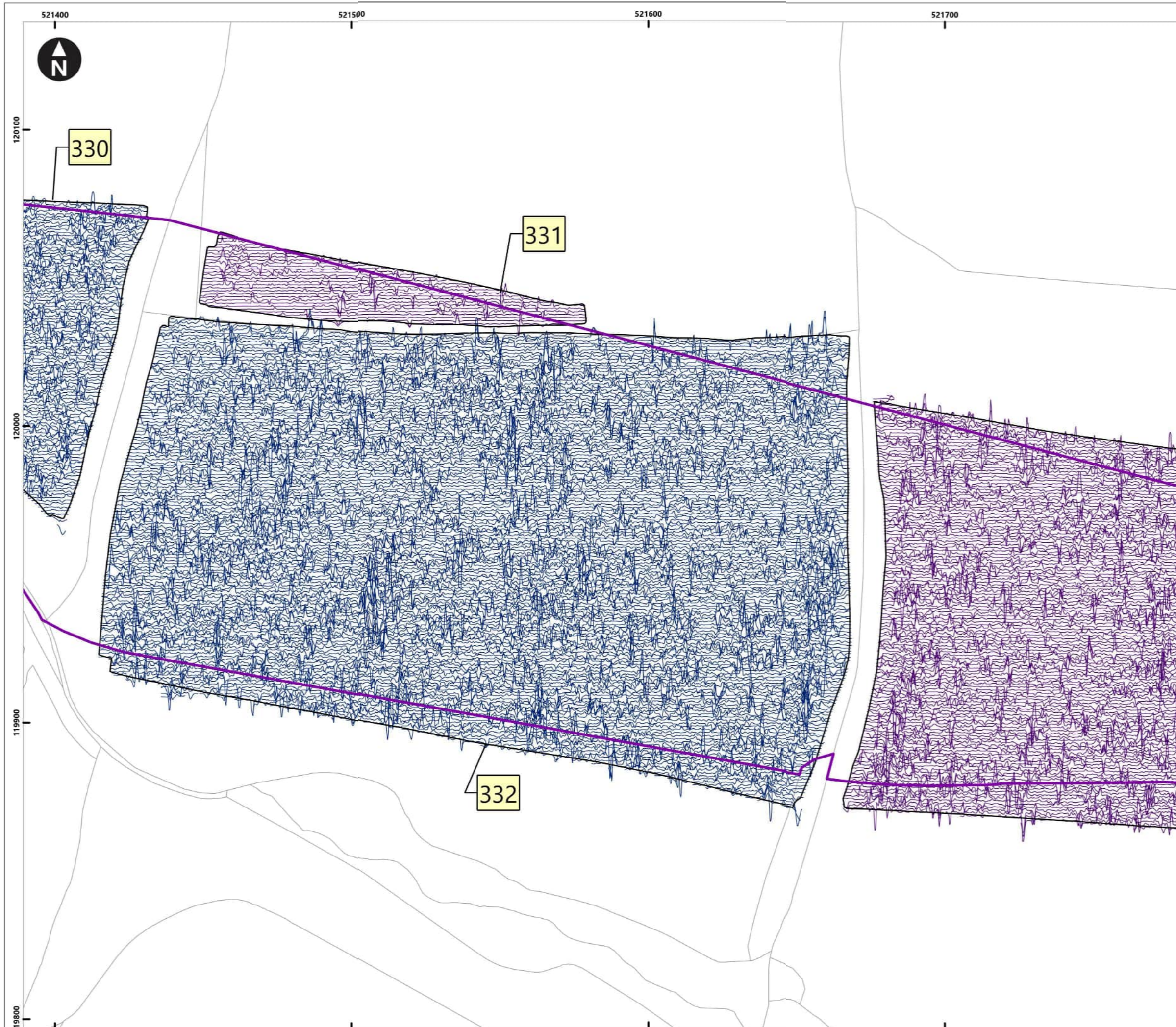
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.199: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

Meters
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1:1,250

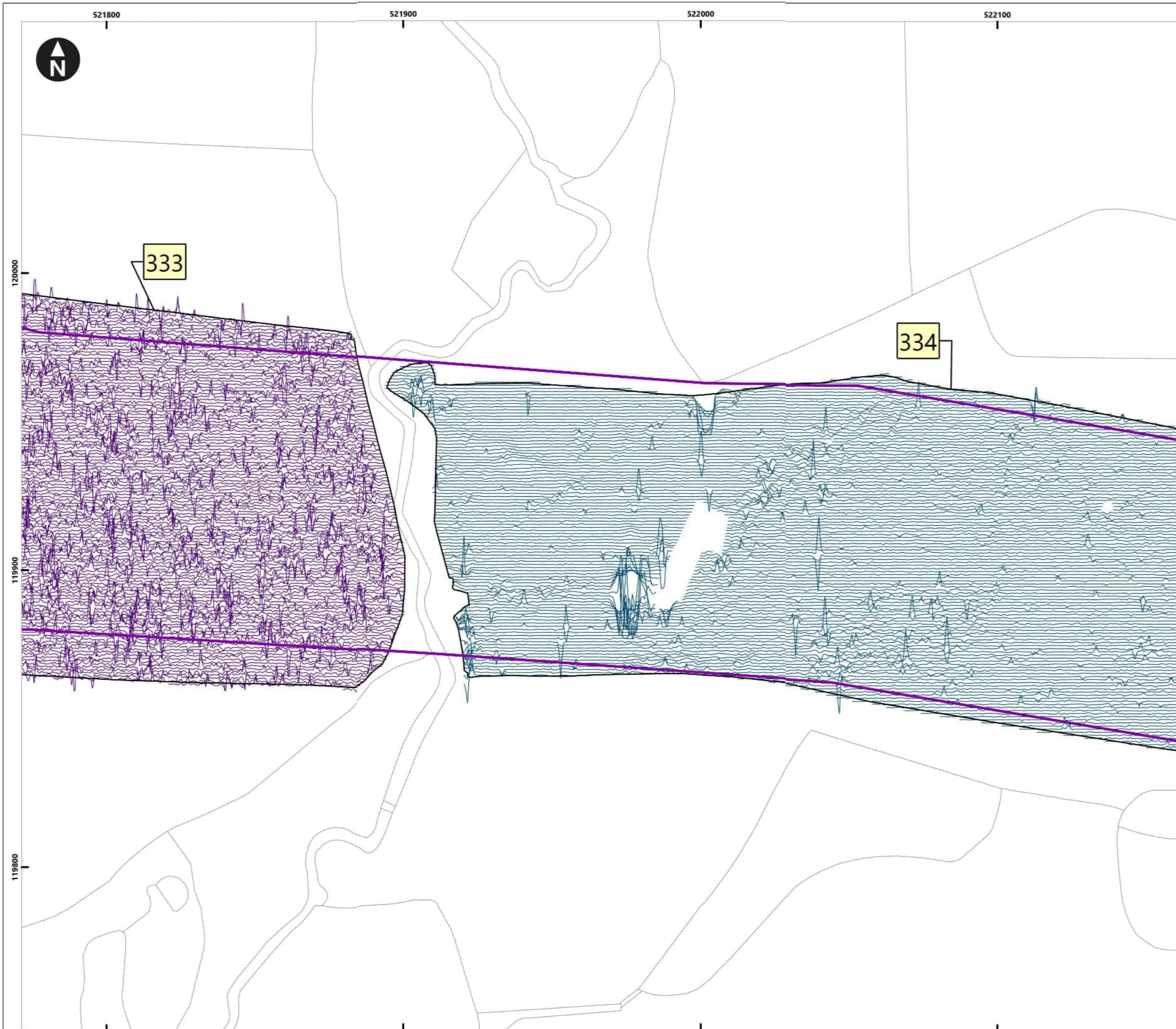
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.200: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

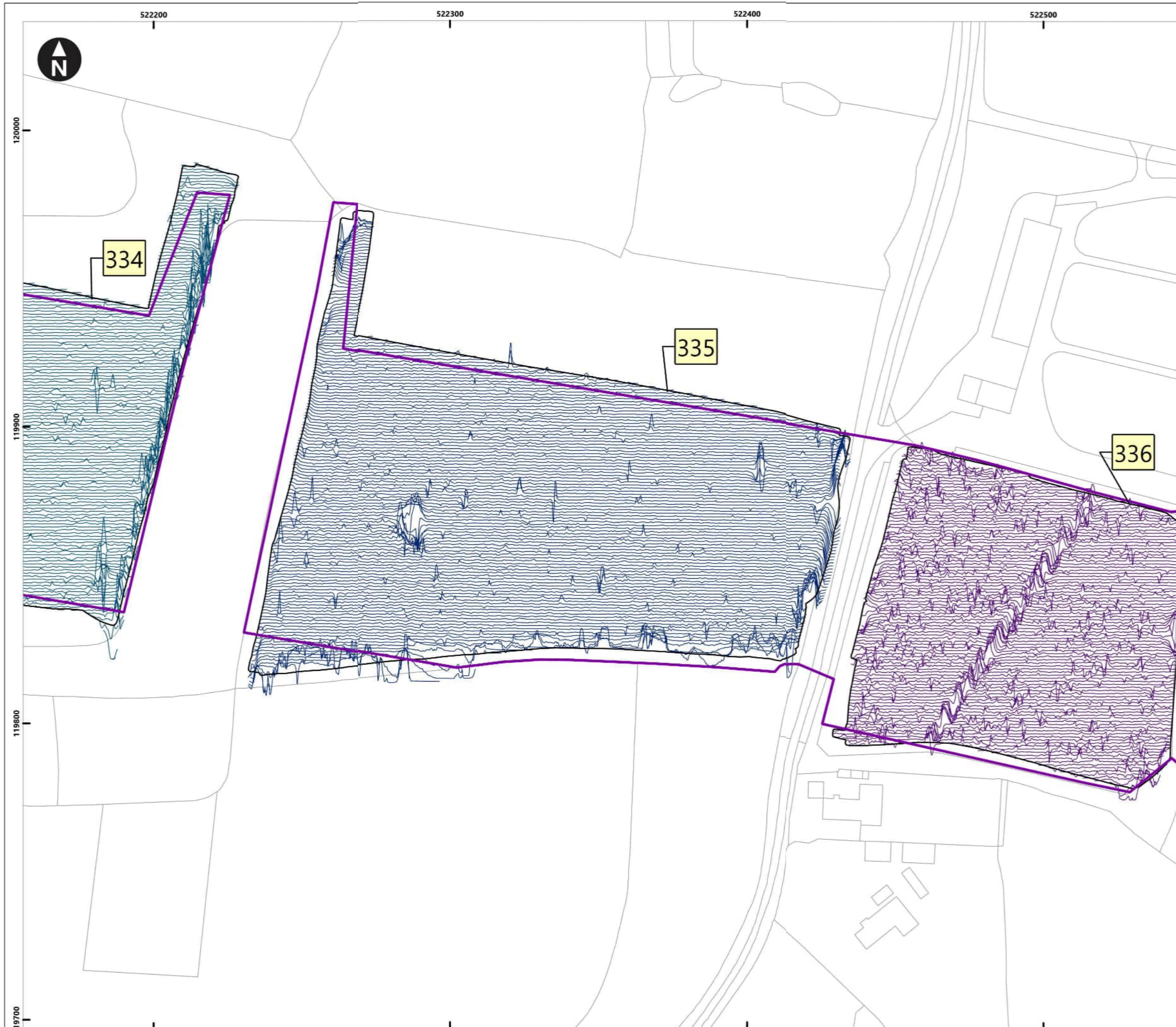
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.201: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

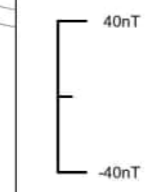
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AOC	SO	WSP	15/12/2023	FINAL



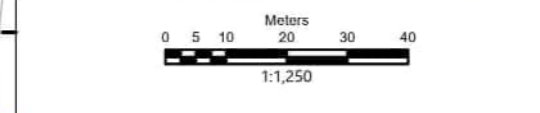
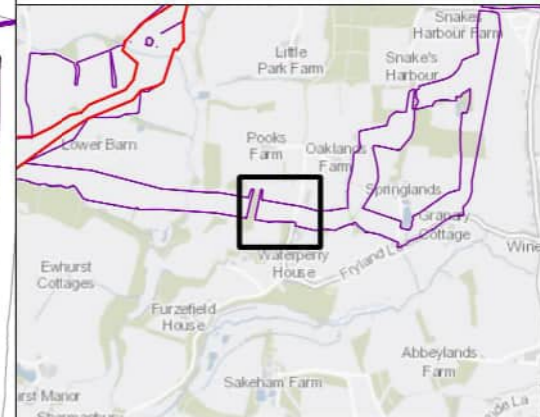
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey



- 1 Field Number
- Map Frame Extent



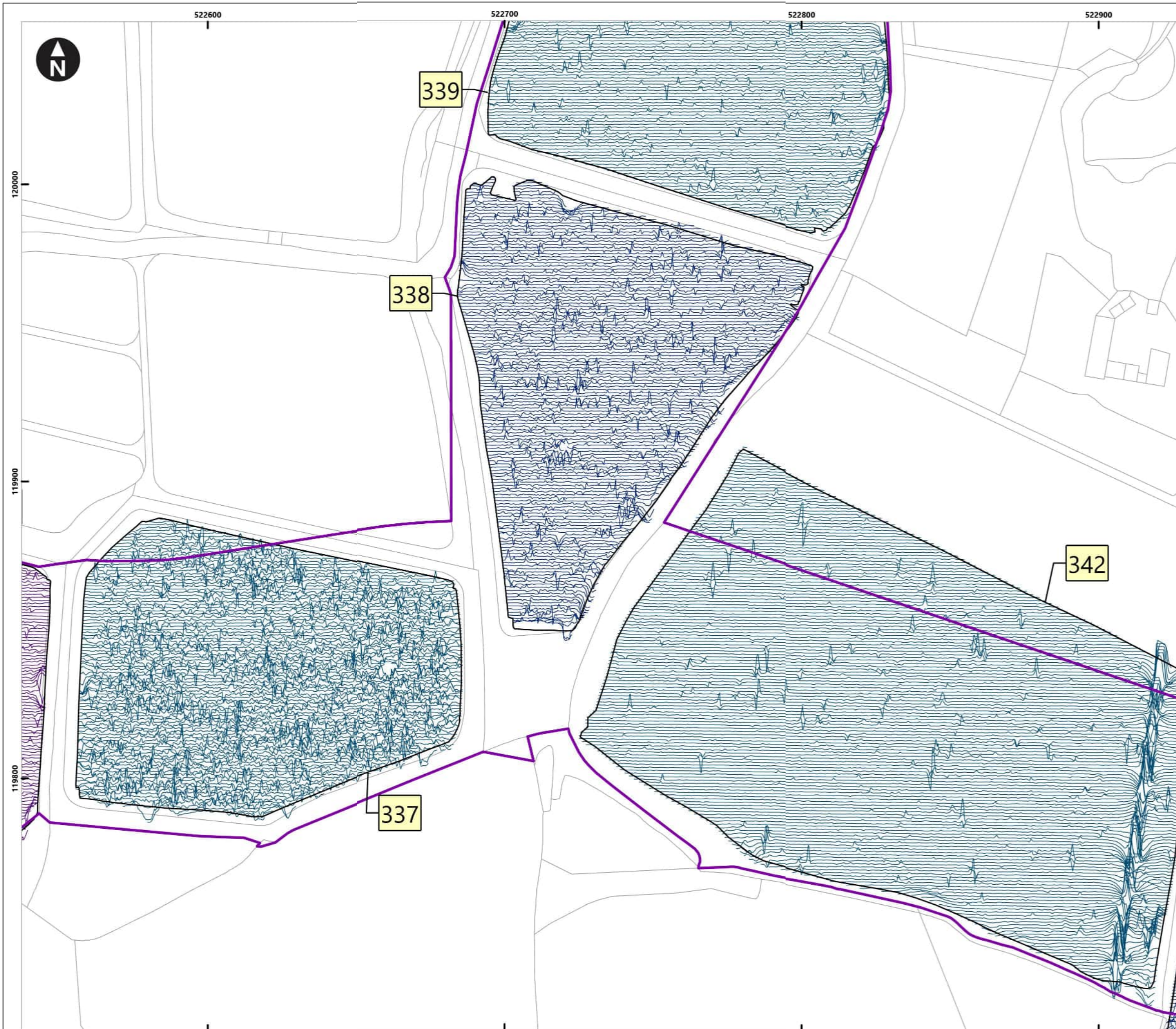
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.202: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

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Meters
1:1,250

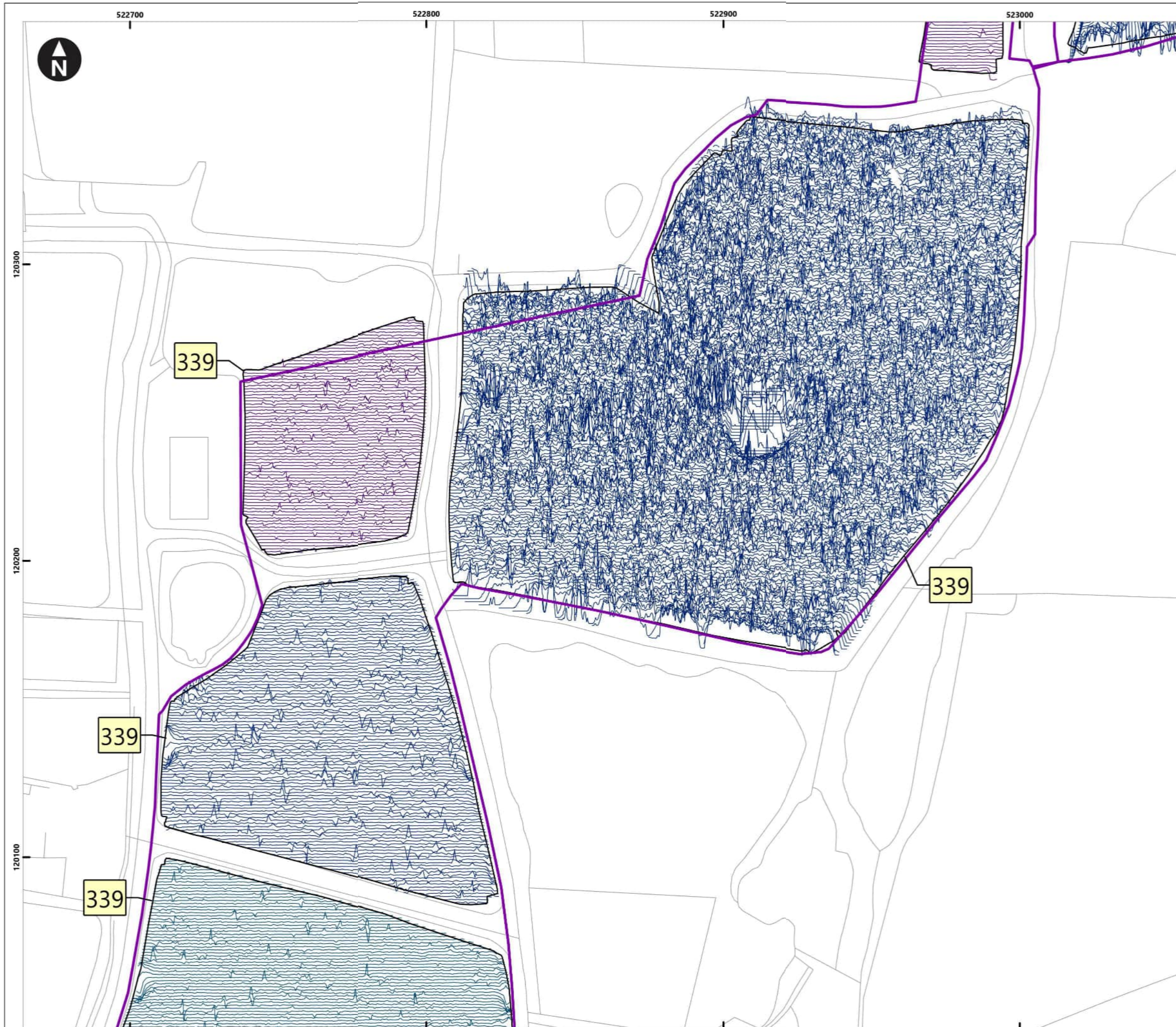
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.203: Minimally processed gradiometer data - XY Trace

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

0 5 10 20 30 40
Meters
1:1,250

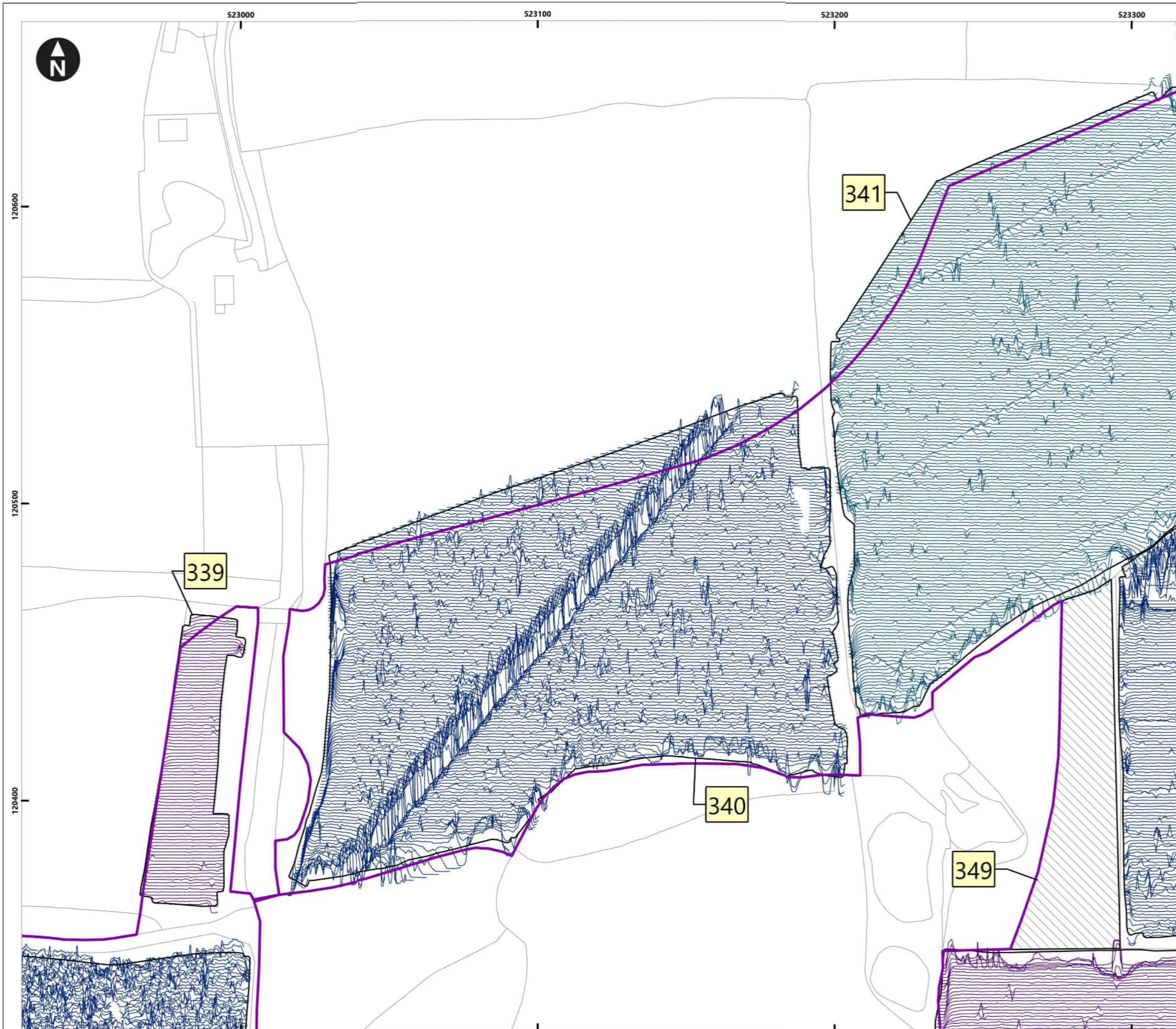
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.204: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey
- Unsuitable

40nT
-40nT

1 Field Number

Map Frame Extent

Meters
0 5 10 20 30 40
1:1,250

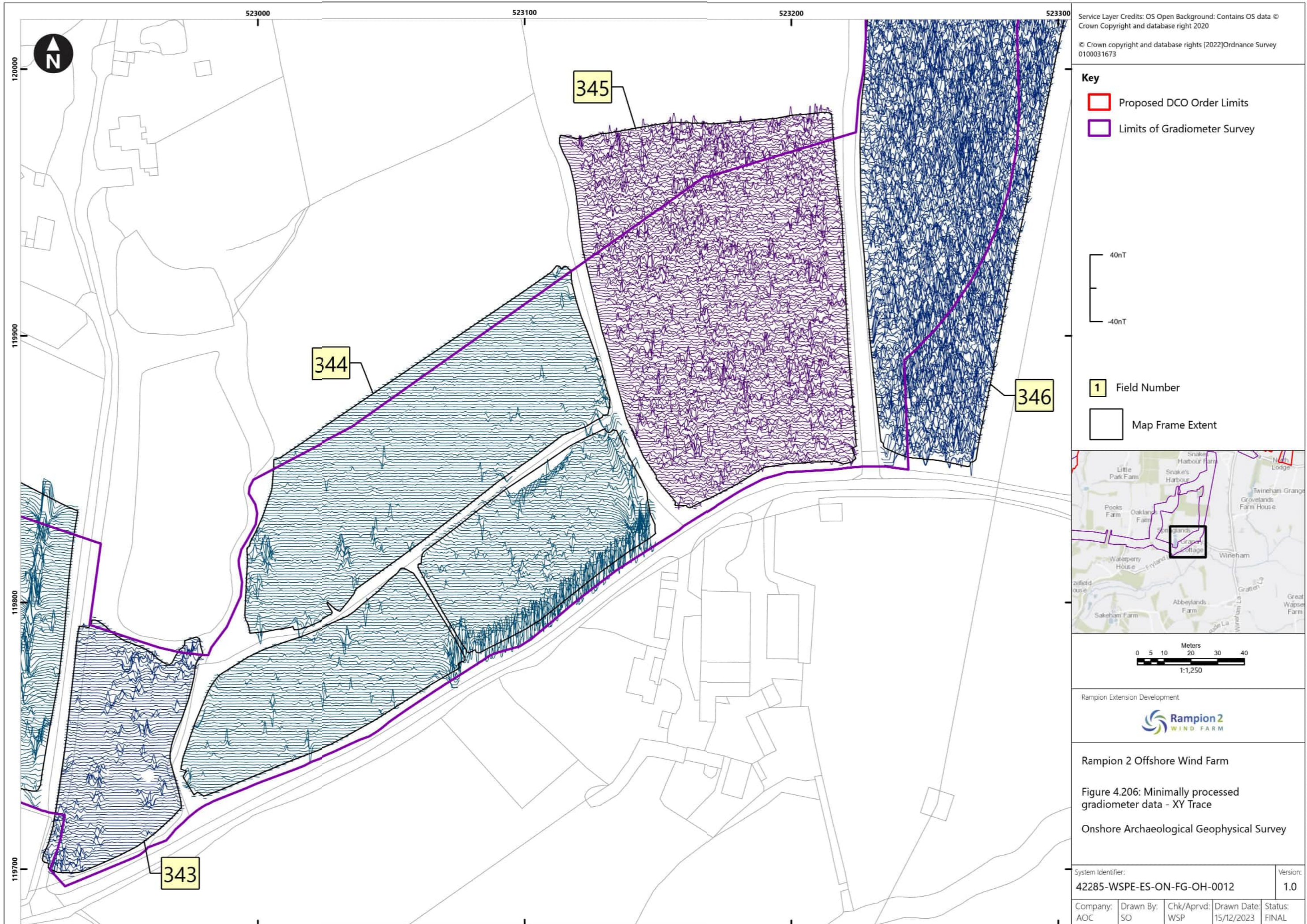
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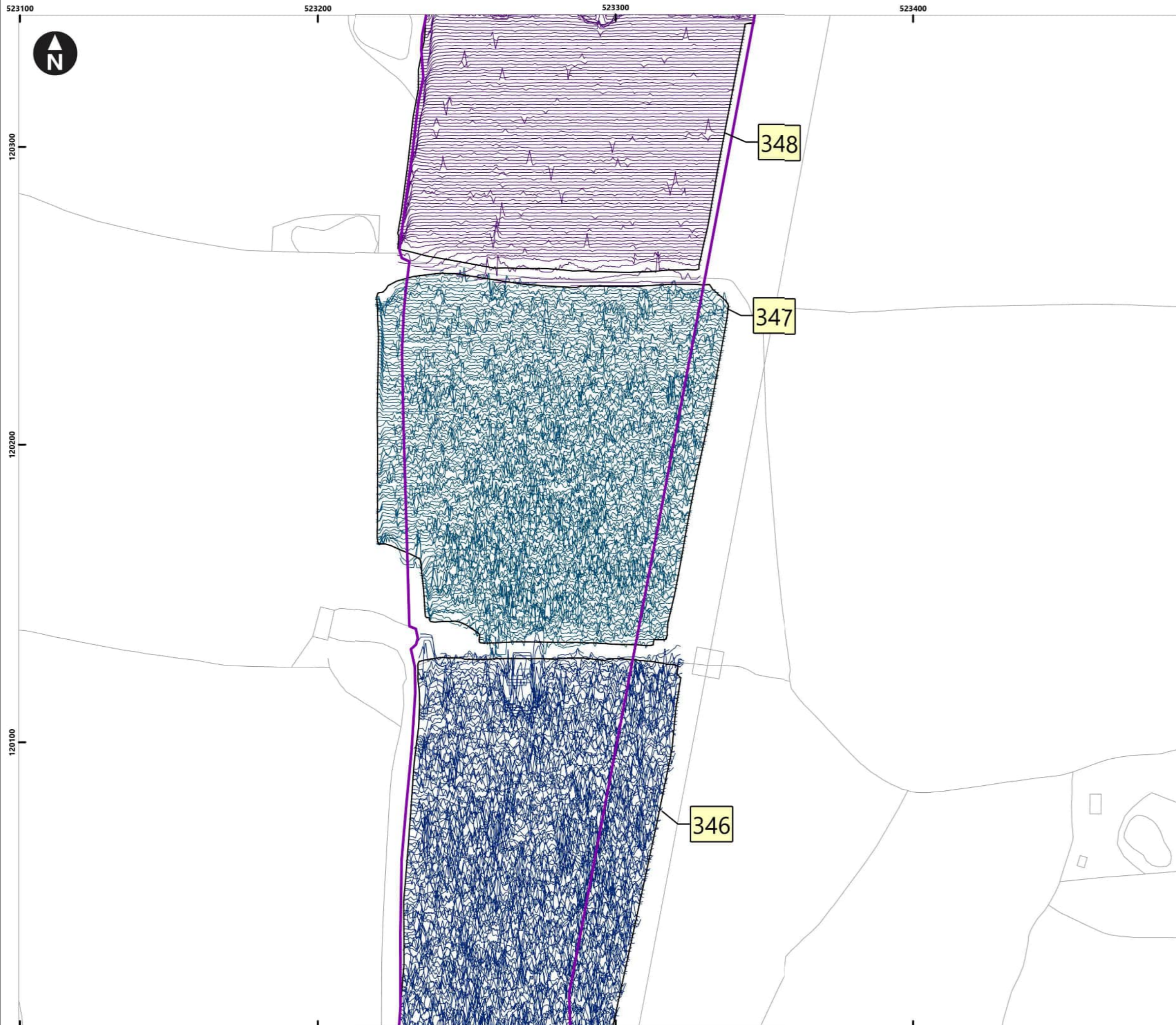
Rampion 2 Offshore Wind Farm

Figure 4.205: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

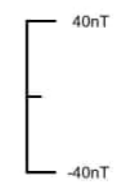
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AOC	SO	WSP	15/12/2023
Status:			FINAL



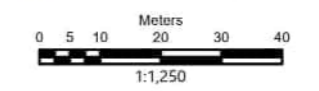
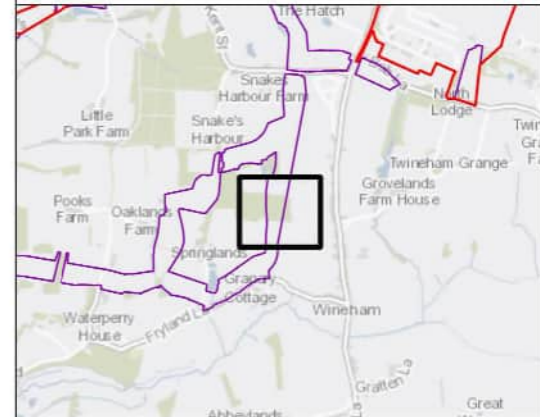


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- Key**
- Proposed DCO Order Limits
 - Limits of Gradiometer Survey



- 1 Field Number
- Map Frame Extent



Rampion Extension Development

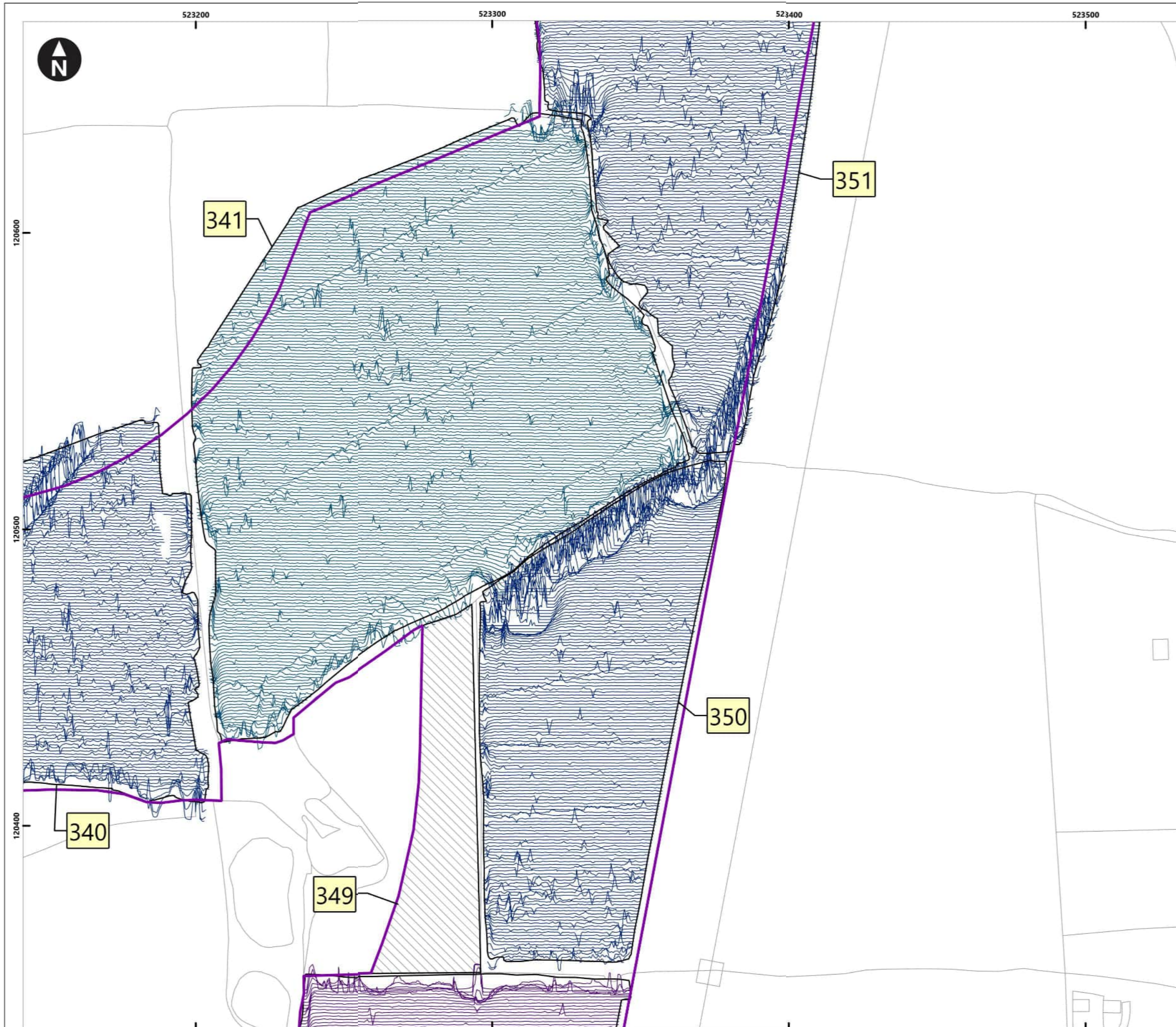


Rampion 2 Offshore Wind Farm

Figure 4.207: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

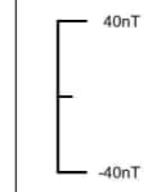
System Identifier:				Version:
42285-WSPE-ES-ON-FG-OH-0012				1.0
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
AOC	SO	WSP	15/12/2023	FINAL



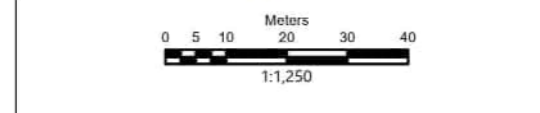
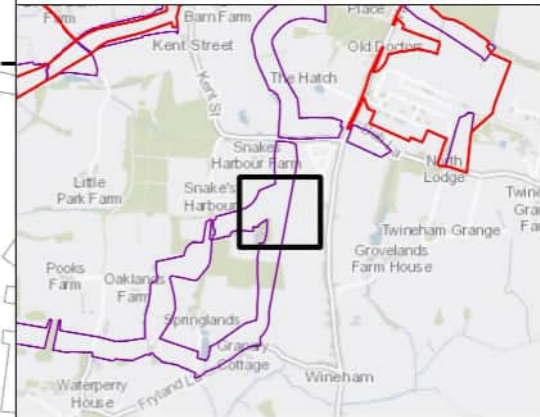
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey
- Unsuitable



- 1 Field Number
- Map Frame Extent



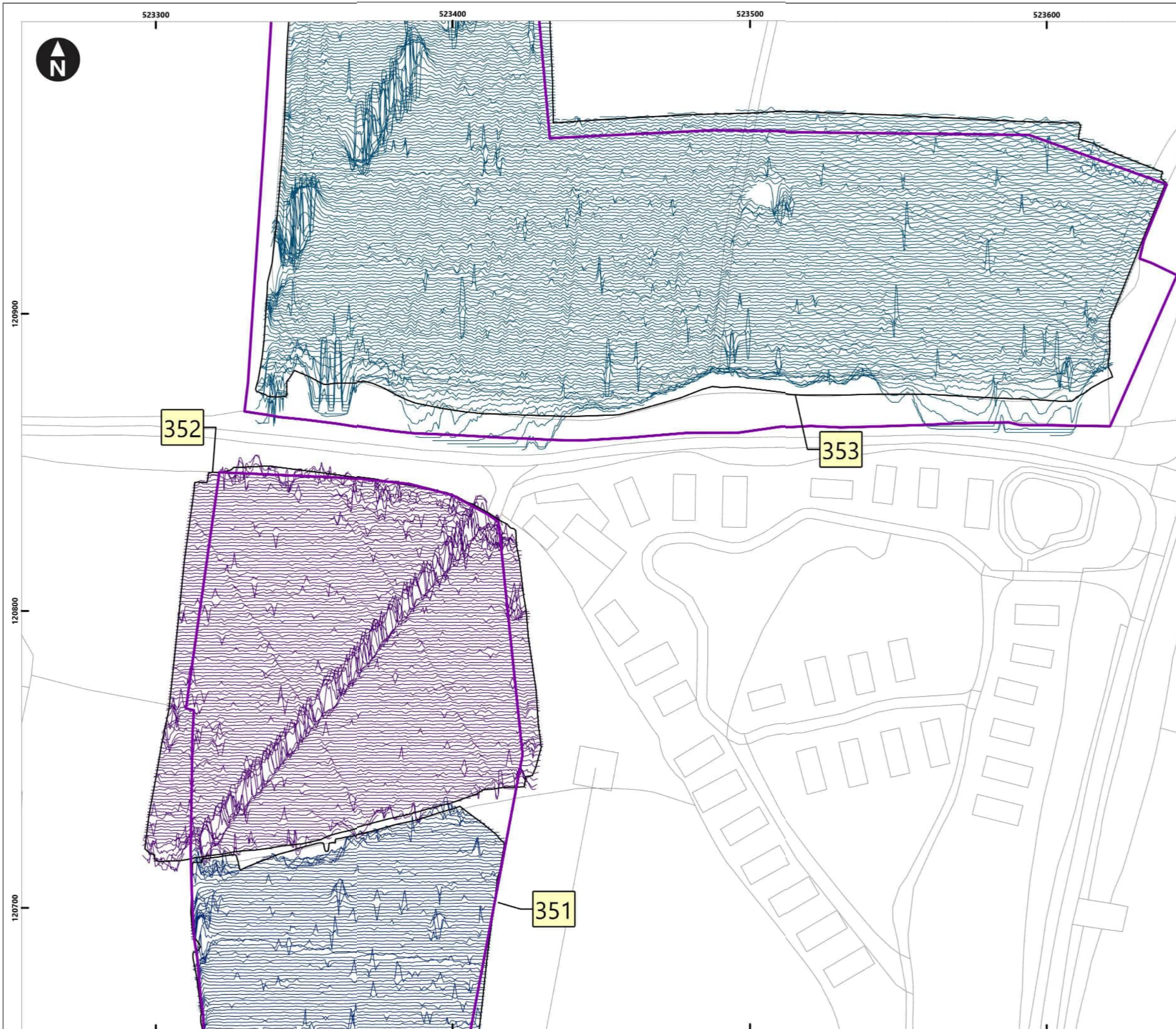
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.208: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

System Identifier: 42285-WSPE-ES-ON-FG-OH-0012				Version: 1.0
Company: AOC	Drawn By: SO	Chk/Aprvd: WSP	Drawn Date: 15/12/2023	Status: FINAL



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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey

40nT
-40nT

1 Field Number

Map Frame Extent

Meters
0 5 10 20 30 40
1:1,250

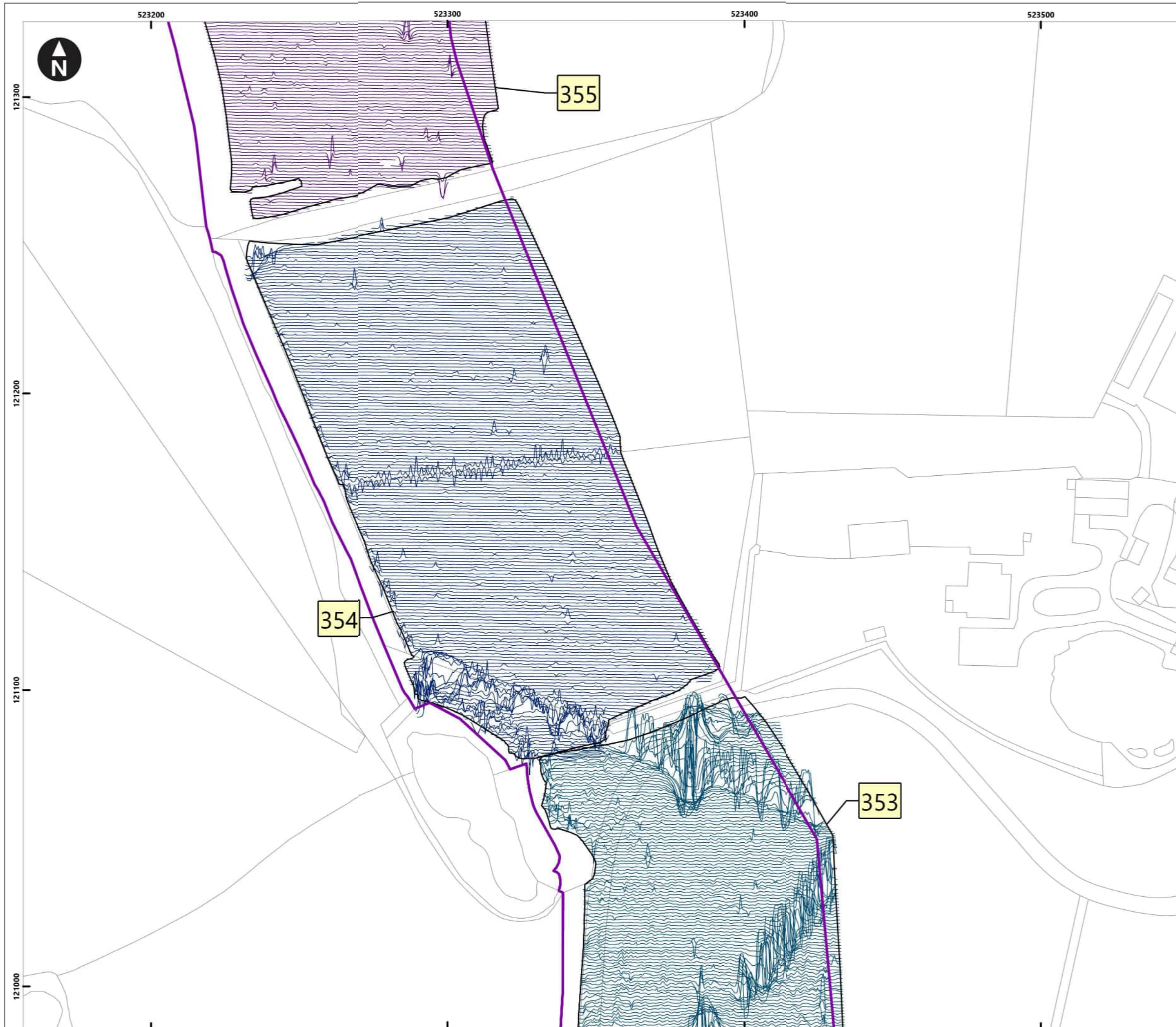
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.209: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

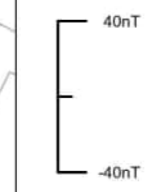
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42285-WSPE-ES-ON-FG-OH-0012		1.0		
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
AOC	SO	WSP	15/12/2023	FINAL



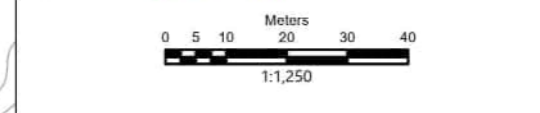
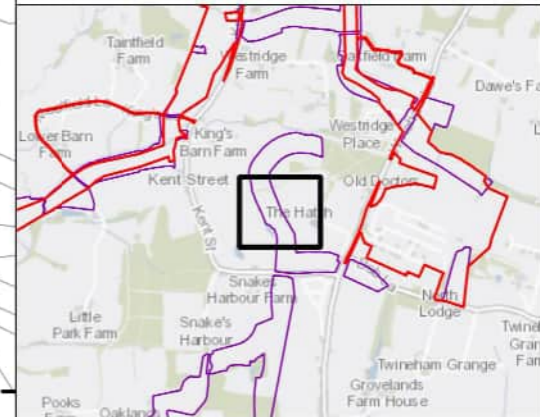
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Key

- Proposed DCO Order Limits
- Limits of Gradiometer Survey



- 1 Field Number
- Map Frame Extent



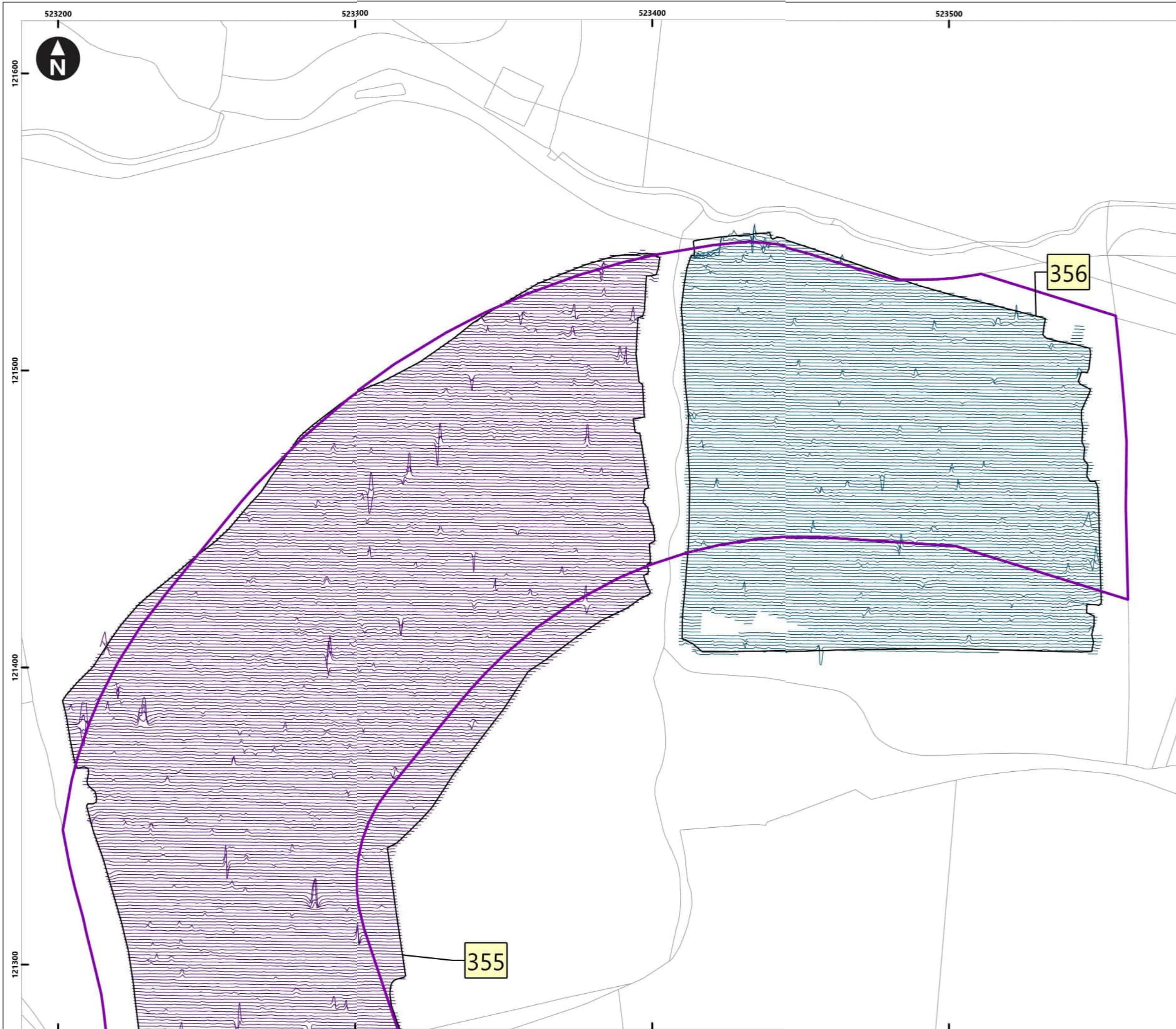
Rampion Extension Development

Rampion 2 Offshore Wind Farm

Figure 4.210: Minimally processed gradiometer data - XY Trace

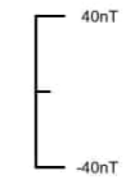
Onshore Archaeological Geophysical Survey

System Identifier:				Version:
42285-WSPE-ES-ON-FG-OH-0012				1.0
Company:	Drawn By:	Chk/Aprvd:	Drawn Date:	Status:
AOC	SO	WSP	15/12/2023	FINAL

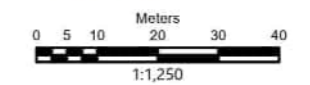
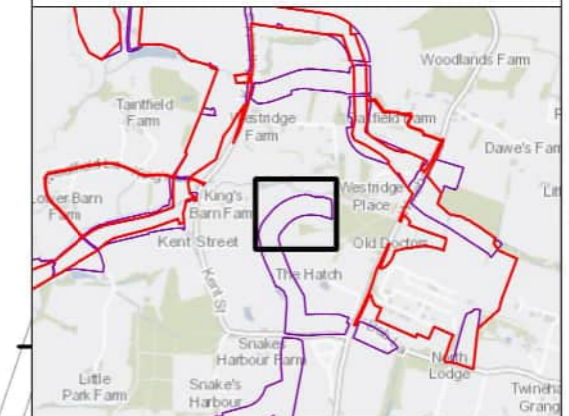


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- Key**
- Proposed DCO Order Limits
 - Limits of Gradiometer Survey



- 1 Field Number
- Map Frame Extent



Rampion Extension Development



Rampion 2 Offshore Wind Farm

Figure 4.211: Minimally processed gradiometer data - XY Trace

Onshore Archaeological Geophysical Survey

System Identifier: 42285-WSPE-ES-ON-FG-OH-0012				Version: 1.0
Company: AOC	Drawn By: SO	Chk/Aprvd: WSP	Drawn Date: 15/12/2023	Status: FINAL