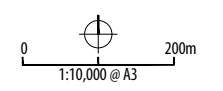


- ▭ design freeze survey area
  - ▭ previous corridor survey area
  - ▭ CCS Scheme Geophysical Survey (ASWYAS 2012)
  - ▭ AP and LiDAR assessment (Deegan 2021)
  - ▭ HER data
- | TYPE OF ANOMALY  | INTERPRETATION        |
|--|-----------------------|
| <span style="color: black;">●</span> dipolar isolated      | ferrous material      |
| <span style="color: black;">▬</span> magnetic disturbance  | ferrous material      |
| <span style="color: black;">▬</span> dipolar linear        | service pipe          |
| <span style="color: grey;">▬</span> magnetic disturbance   | greenwaste            |
| <span style="color: blue;">▭</span> magnetic enhancement   | LIRM                  |
| <span style="color: purple;">▭</span> magnetic enhancement | uncertain             |
| <span style="color: brown;">▬</span> linear trend          | ridge and furrow      |
| <span style="color: green;">▬</span> linear trend          | agricultural          |
| <span style="color: cyan;">▬</span> linear trend           | field drain           |
| <span style="color: red;">▬</span> linear                  | former field boundary |
| <span style="color: cyan;">▬</span> linear trend           | geological variation  |
| <span style="color: blue;">▭</span> magnetic enhancement   | geology               |
| <span style="color: purple;">▭</span> magnetic enhancement | archaeology?          |
| <span style="color: red;">●</span> magnetic enhancement    | archaeology           |



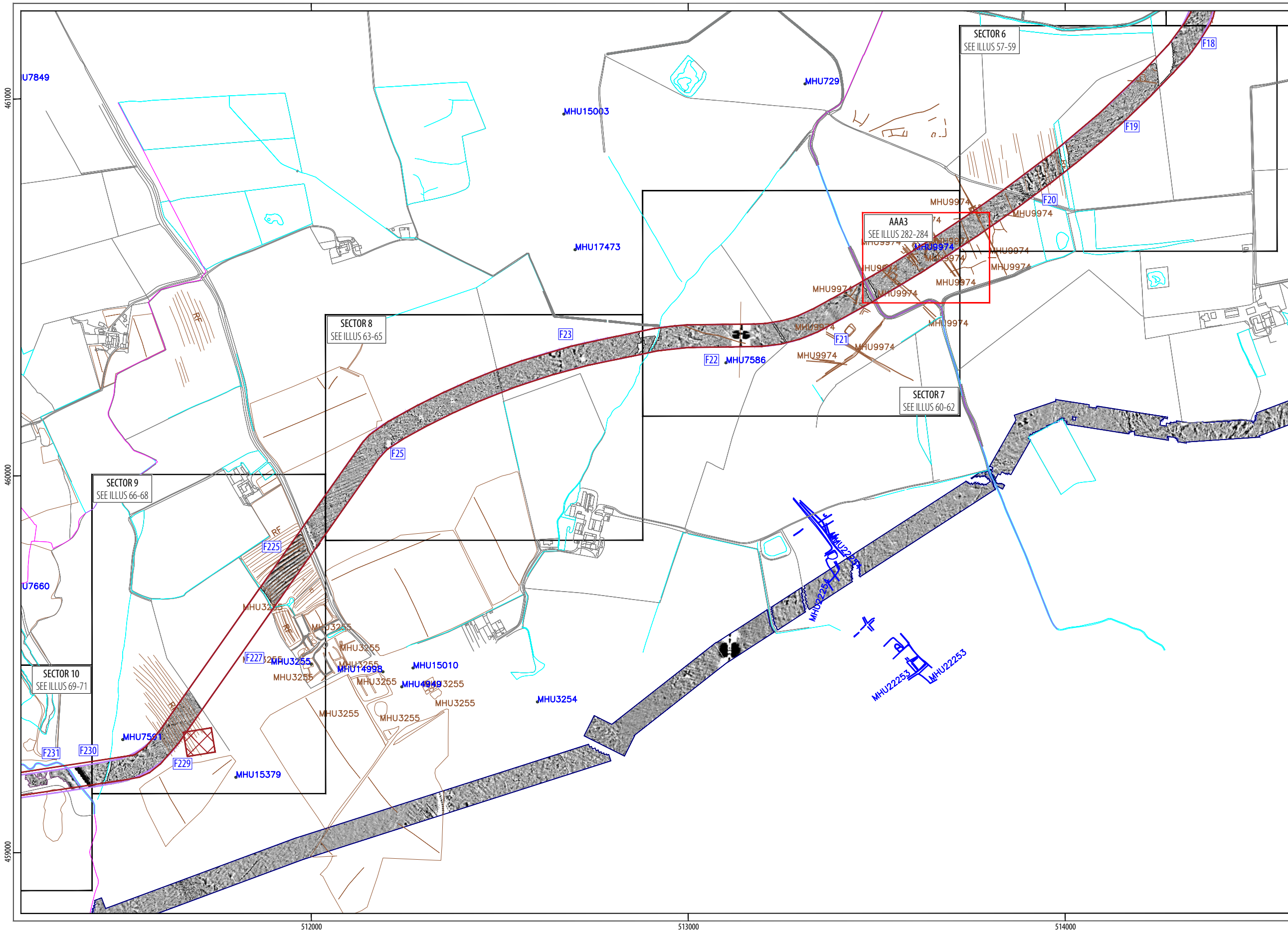
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East Yorkshire

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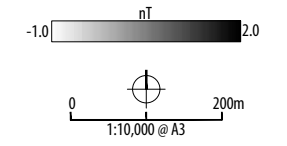
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ILLUS 3 Interpretation of magnetometer data; Overview 1



- ▭ design freeze survey area
- ▭ previous corridor survey area
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- AP and LiDAR assessment (Deegan 2021)
- HER data



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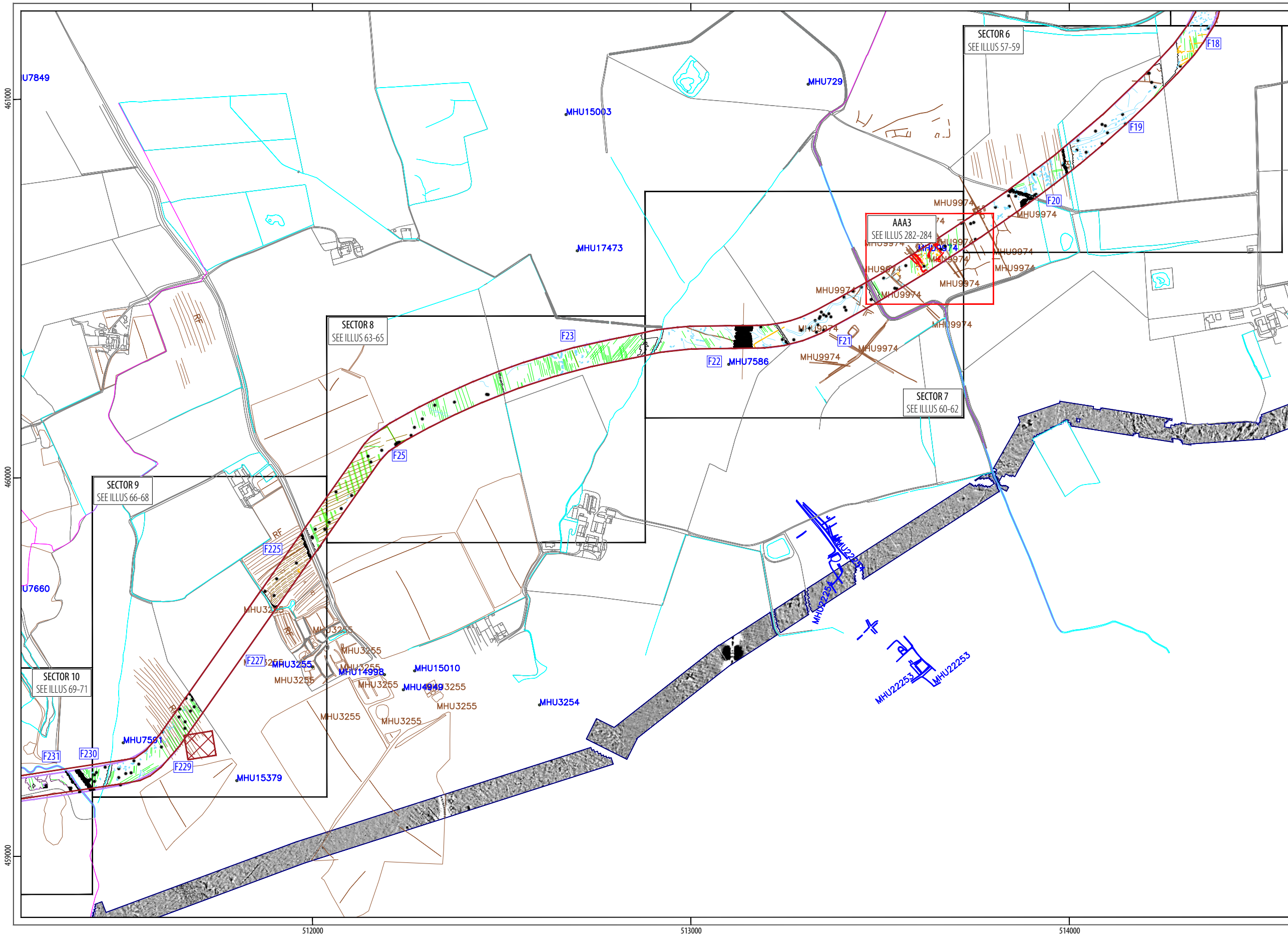
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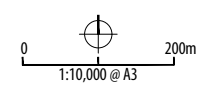
ILLUS 4 Processed greyscale magnetometer data; Overview 2





- design freeze survey area
- previous corridor survey area
- CCS Scheme Geophysical Survey (ASWYAS 2012)
- RF AP and LiDAR assessment (Deegan 2021)
- + HER data

TYPE OF ANOMALY	INTERPRETATION
<span style="color: black;">●</span> dipolar isolated	ferrous material
<span style="color: black;">■</span> magnetic disturbance	ferrous material
<span style="color: black;">—</span> dipolar linear	service pipe
<span style="color: purple;">■</span> magnetic enhancement	uncertain
<span style="color: brown;">—</span> linear trend	ridge and furrow
<span style="color: green;">—</span> linear trend	agricultural
<span style="color: green;">- - -</span> linear trend	field drain
<span style="color: green;">—</span> linear	former field boundary
<span style="color: blue;">—</span> linear trend	geological variation
<span style="color: blue;">■</span> magnetic enhancement	geology
<span style="color: orange;">■</span> magnetic enhancement	archaeology?
<span style="color: red;">■</span> magnetic enhancement	archaeology



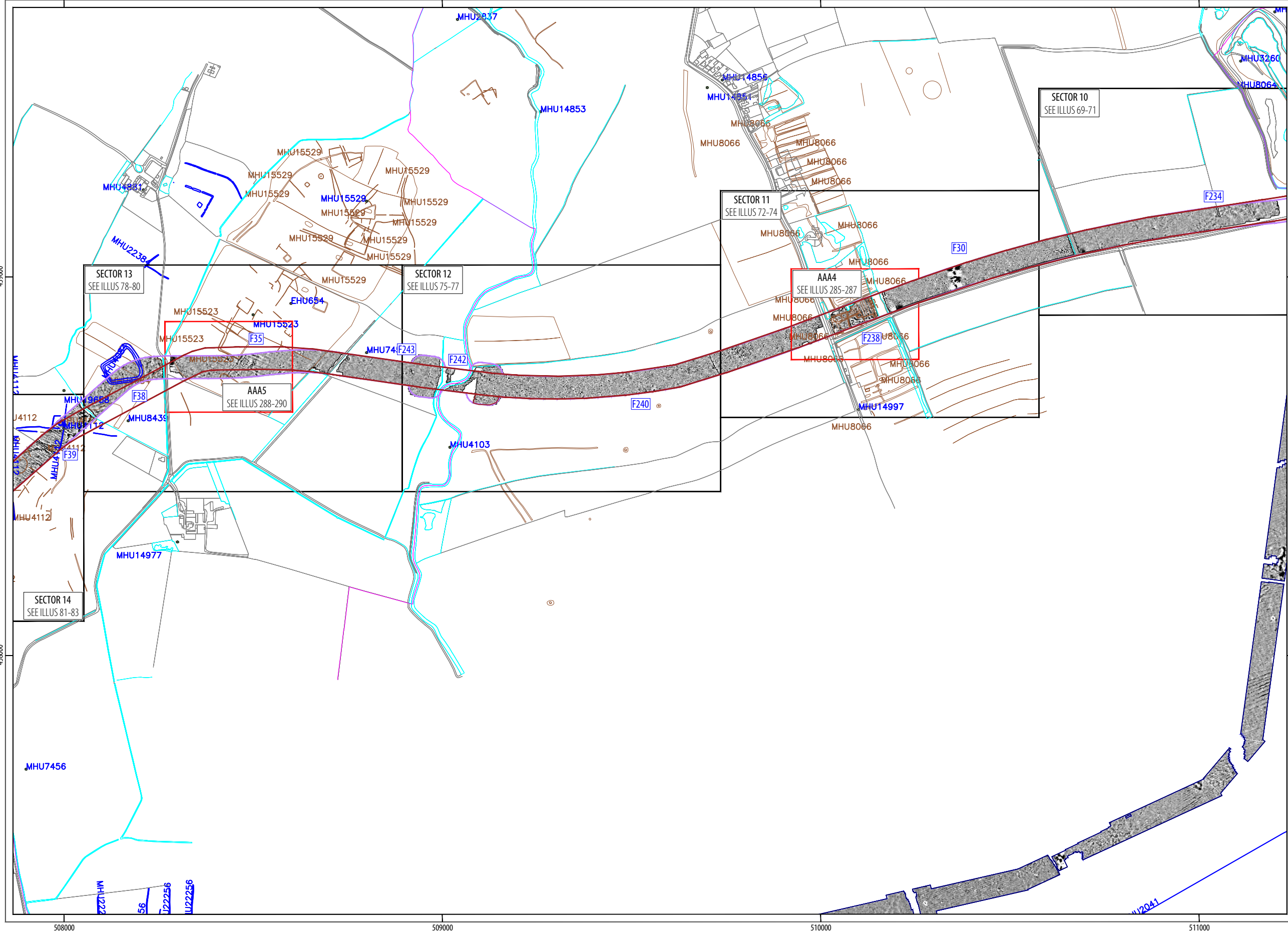
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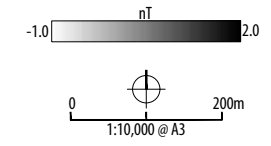
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ILLUS 5 Interpretation of magnetometer data; Overview 2



- ▭ design freeze survey area
- ▭ previous corridor survey area
- ▭ CCS Scheme Geophysical Survey (ASWYAS 2012)
- ▭ AP and LiDAR assessment (Deegan 2021)
- ▭ HER data



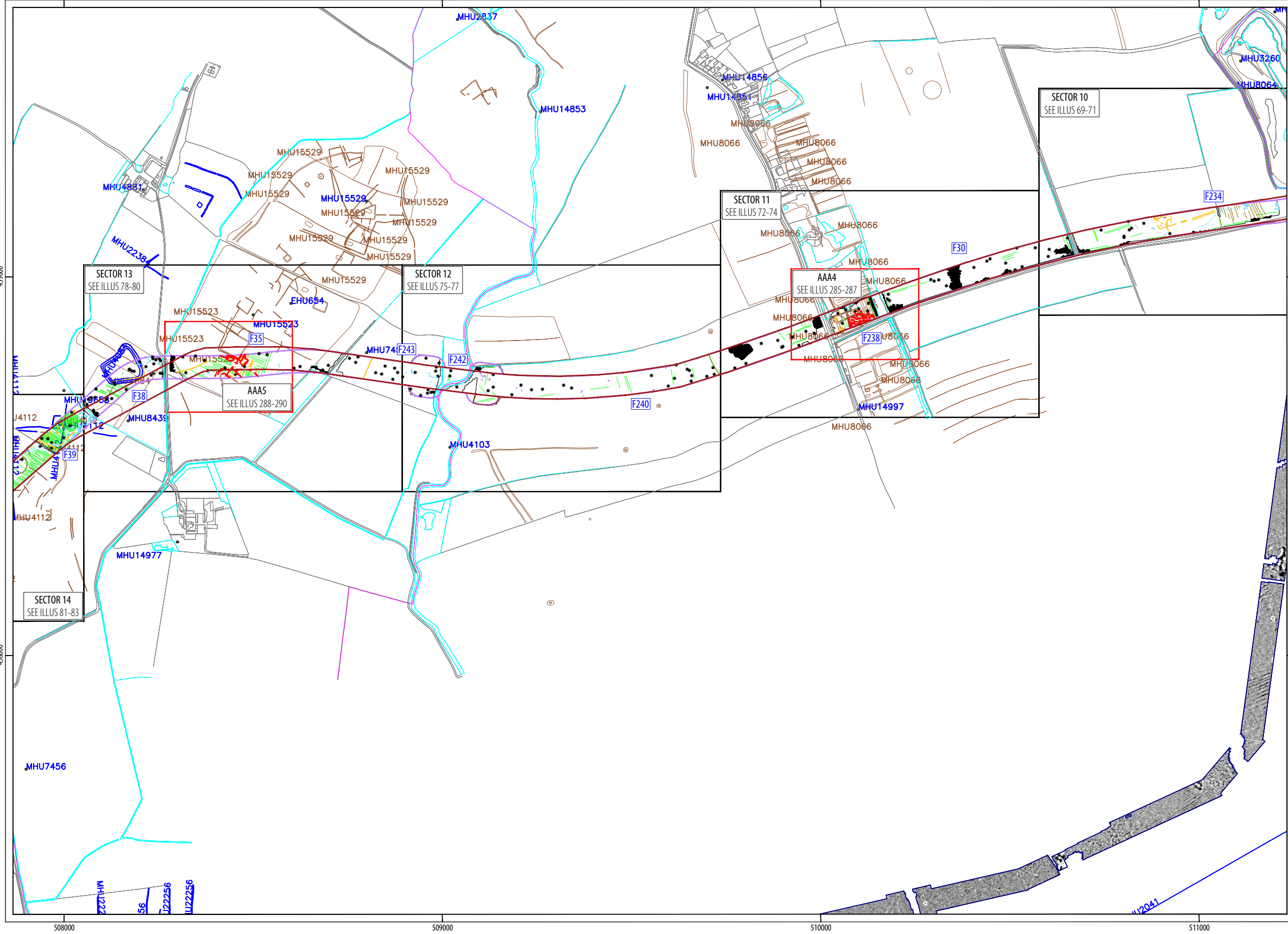
PROJECT SEGL21  
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East Yorkshire

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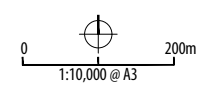


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ILLUS 6 Processed greyscale magnetometer data; Overview 3



- design freeze survey area
  - previous corridor survey area
  - CCS Scheme Geophysical Survey (ASWYAS 2012)
  - AP and LiDAR assessment (Deegan 2021)
  - HER data
- | TYPE OF ANOMALY  | INTERPRETATION        |
|--|-----------------------|
| <span style="color: black;">●</span> dipolar isolated      | ferrous material      |
| <span style="color: black;">●</span> magnetic disturbance  | ferrous material      |
| <span style="color: black;">●</span> magnetic enhancement  | uncertain             |
| <span style="color: brown;">—</span> linear trend          | ridge and furrow      |
| <span style="color: green;">—</span> linear trend          | agricultural          |
| <span style="color: green;">—</span> linear trend          | field drain           |
| <span style="color: green;">—</span> linear                | former field boundary |
| <span style="color: blue;">—</span> linear trend           | geological variation  |
| <span style="color: blue;">—</span> magnetic enhancement   | geology               |
| <span style="color: yellow;">■</span> magnetic enhancement | archaeology?          |
| <span style="color: red;">■</span> magnetic enhancement    | archaeology           |



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ILLUS 7 Interpretation of magnetometer data; Overview 3