Grand Union Canal Transfer

Grand Union Canal Transfer

Environmental Impact Assessment Scoping Report

Volume 2: Figures

Part 6 of 11

Affinity Water, Severn Trent and Canal & River Trust

March 2025

Prepared for:

Affinity Water, Severn Trent and Canal & River Trust

Prepared by:

AECOM Limited

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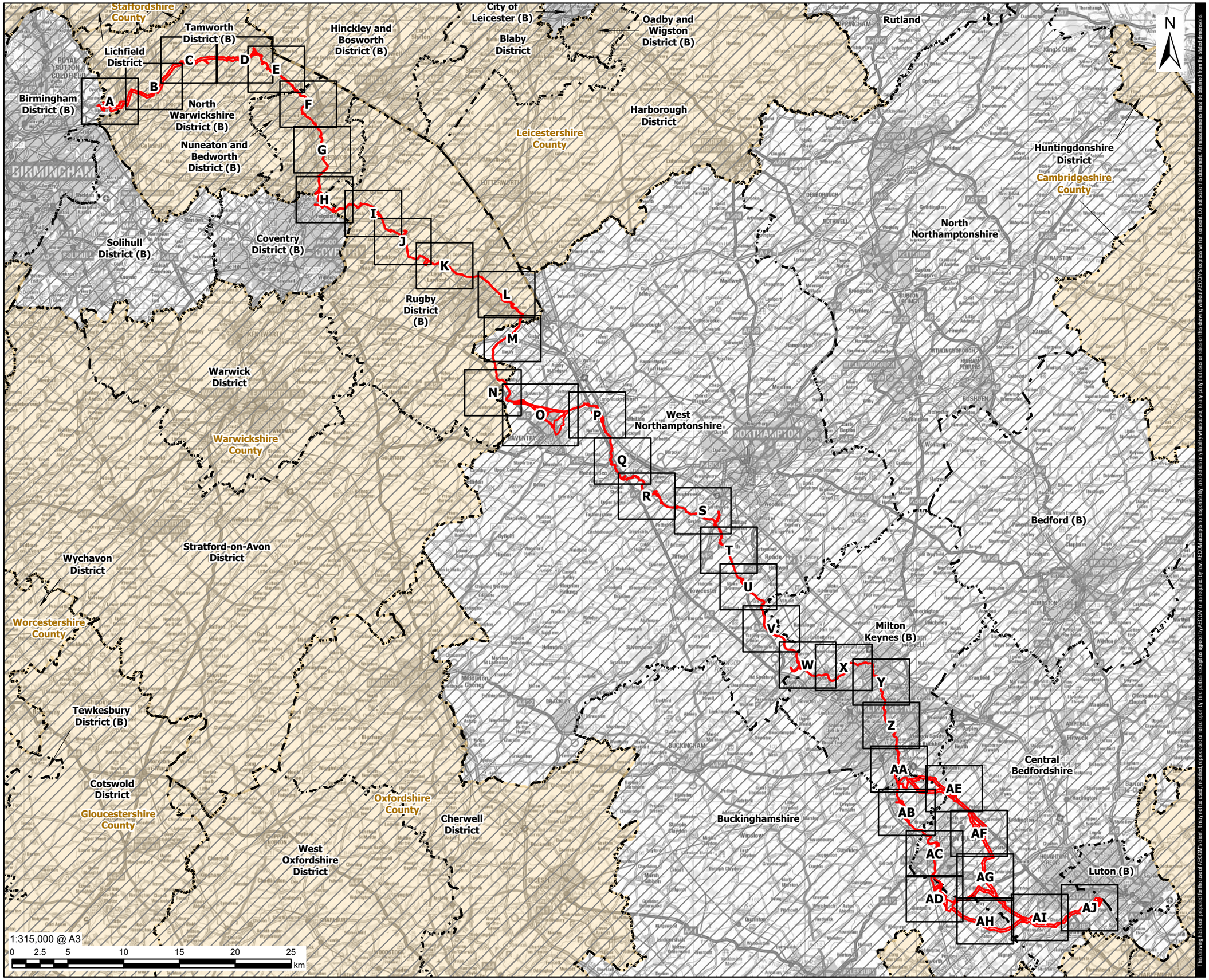
An EIA Scoping Boundary has been adopted for the purposes of seeking input as to how the environmental assessment of the Proposed Development will be carried out and is included on a number of the Figures presented in Volume 2 of this EIA Scoping Report. These Figures are not consenting/planning application plans. The EIA Scoping Boundary is wider than the final DCO limits (red line) for the application. Inclusion in this EIA Scoping Boundary does not mean that any feature or individual building is anticipated to be affected by physical works, please see the project description for detail. Existing buildings and other identified constraints, will be excluded from the DCO limits (red line) where possible. The DCO limits as refined will be published and consulted on in the next stage of public consultation (currently expected to be Q4 2025/ Q1 2026).

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Figure 14-1: Parts 1-4 Ground Conditions Study Area

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- EIA Scoping Boundary
- District Boundary
- County Boundary
- Figure Extent

NOTES

1. These plans show the EIA Scoping Boundary which has been adopted for the purposes of seeking input as to how the environmental assessment of the Proposed Development will be carried out. Inclusion in this EIA Scoping Boundary does not mean that any feature or individual building is anticipated to be affected by physical works, please see the project description for detail.
2. Study areas are based on Parts 1a, 1b, 2 (Indicative Work Area), 3, 4a and 4b EIA Scoping Boundaries. Part 2 (Indicative Non-Work Area) EIA Scoping Boundary is excluded as no physical works are proposed.
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FIGURE TITLE

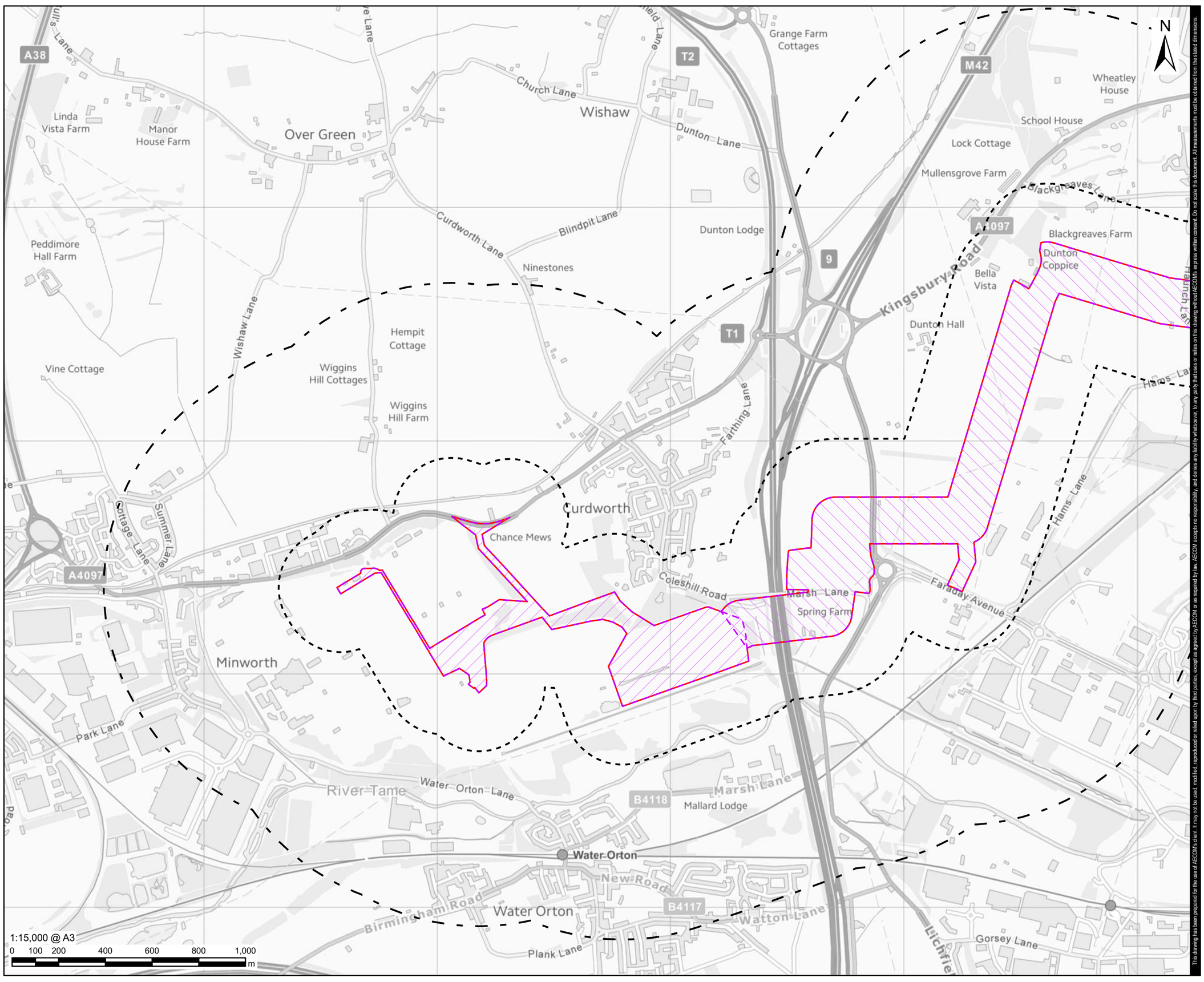
Parts 1-4 Ground Conditions Study Area Overview

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 1a
- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

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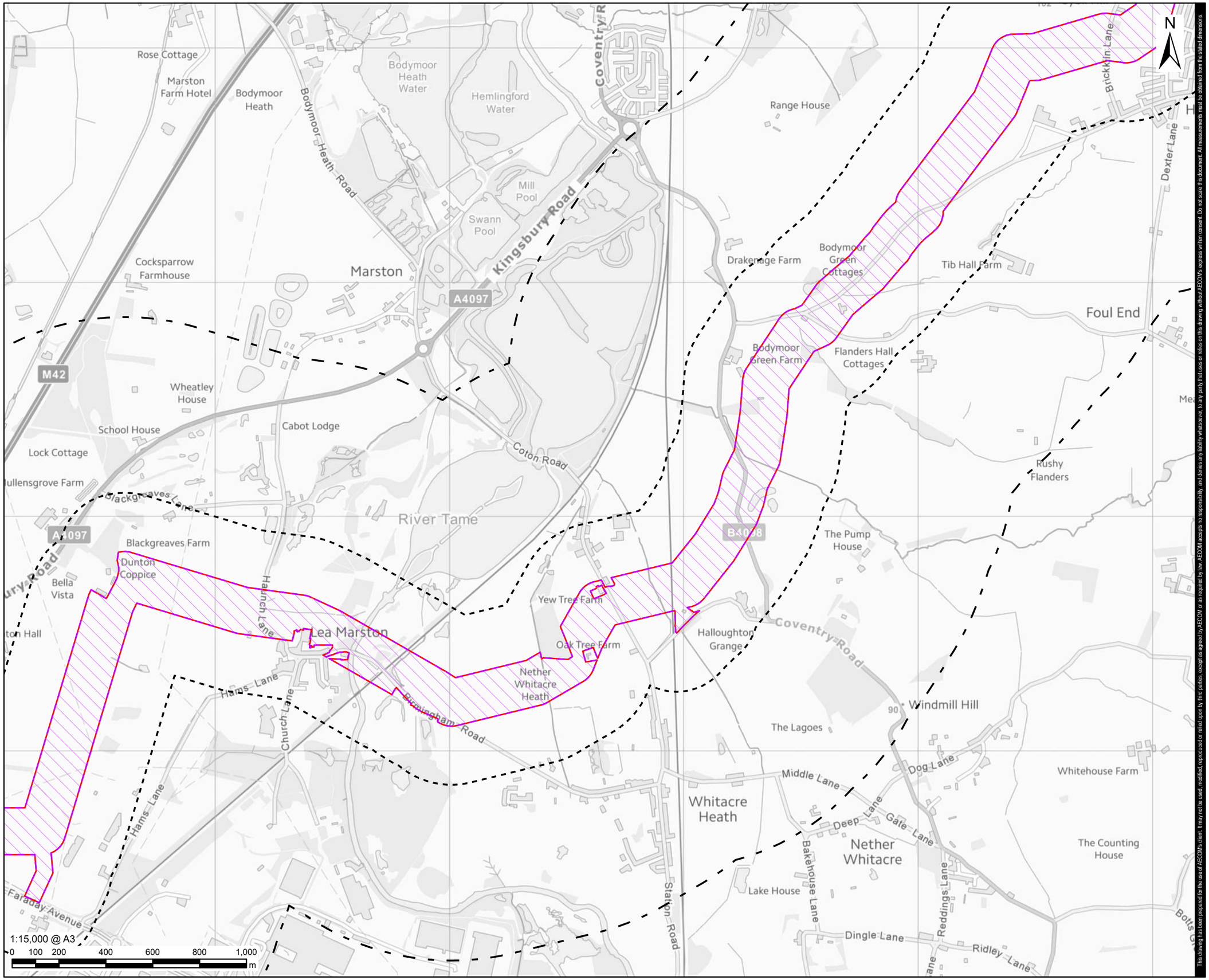
Parts 1-4 Ground Conditions Study Area
Sheet A

FIGURE NUMBER

Figure 14-1

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LEGEND

- Part 1b
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- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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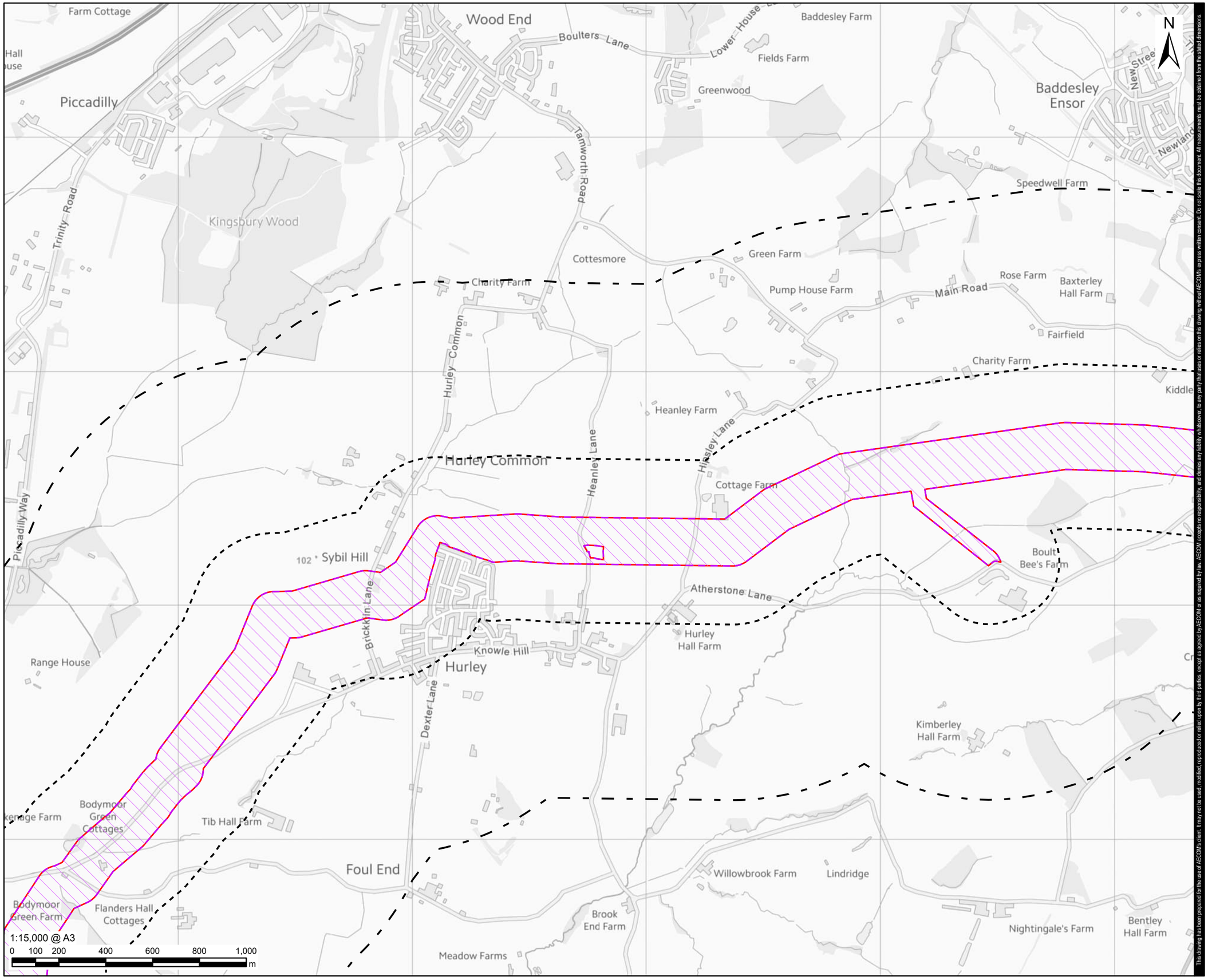
Parts 1-4 Ground Conditions
Study Area
Sheet B

FIGURE NUMBER

Figure 14-1

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LEGEND

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- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
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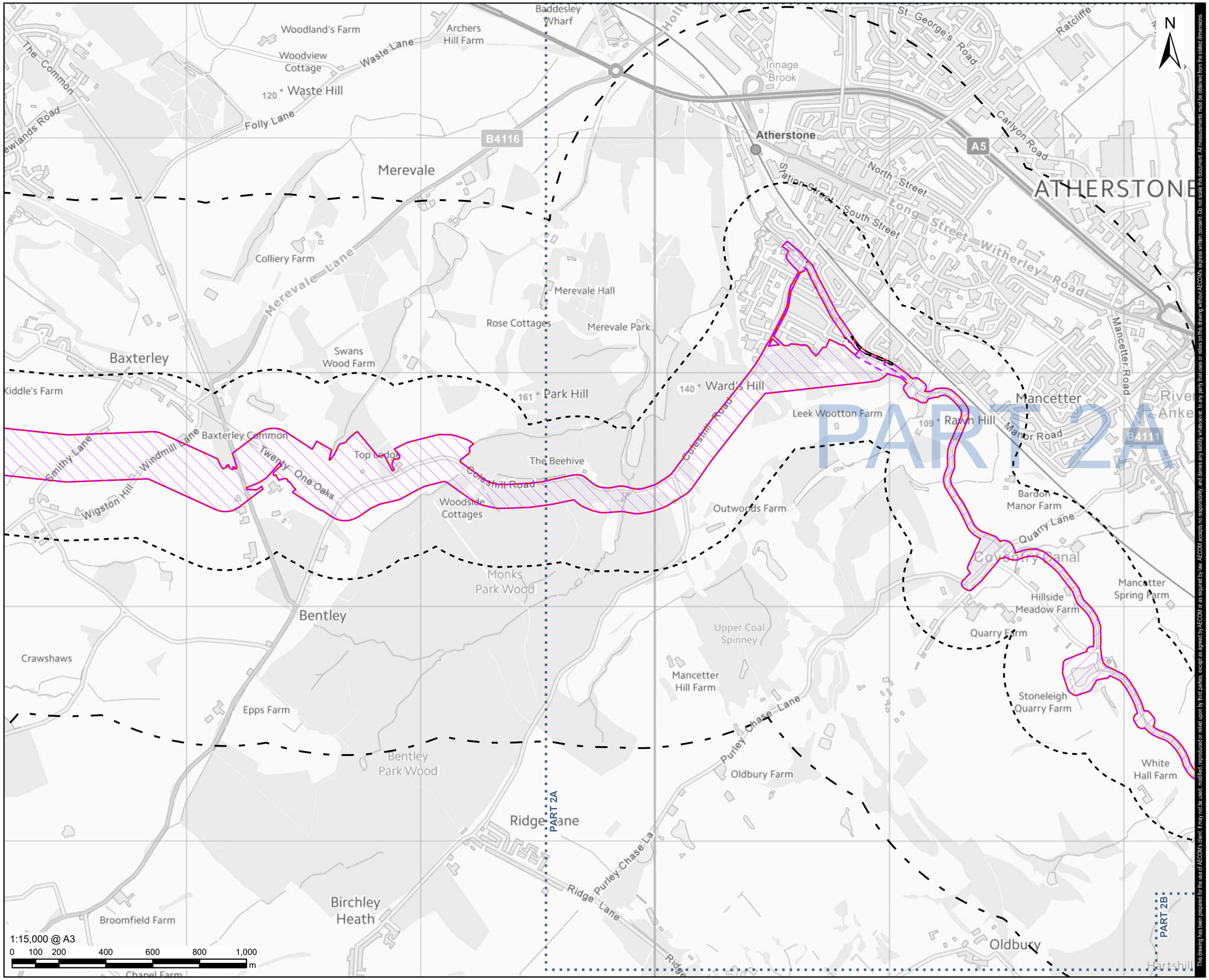
Parts 1-4 Ground Conditions Study Area
Sheet C

FIGURE NUMBER

Figure 14-1

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LEGEND

- Part 1b
- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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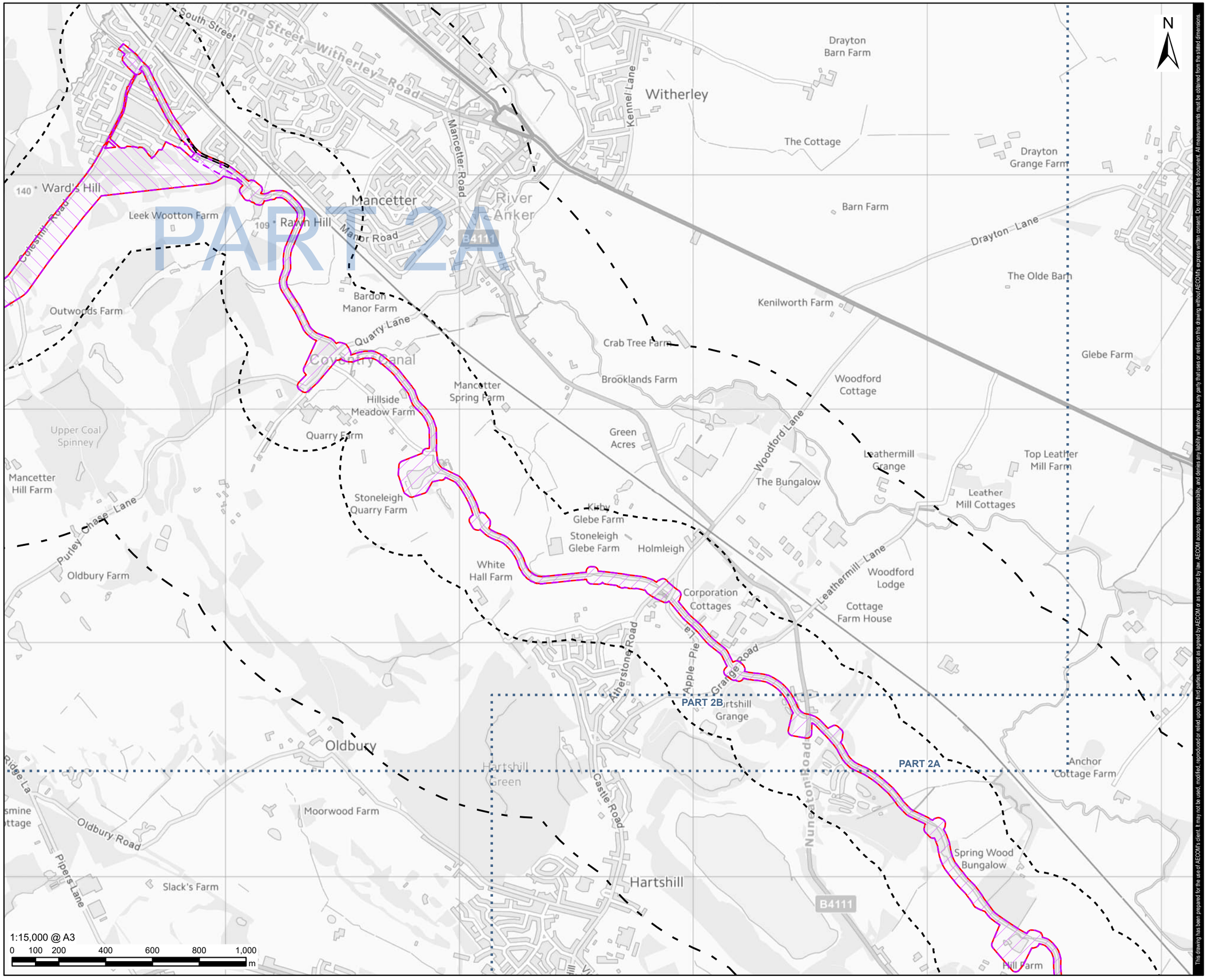
Parts 1-4 Ground Conditions
Study Area
Sheet D

FIGURE NUMBER

Figure 14-1

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LEGEND

- Part 1b
- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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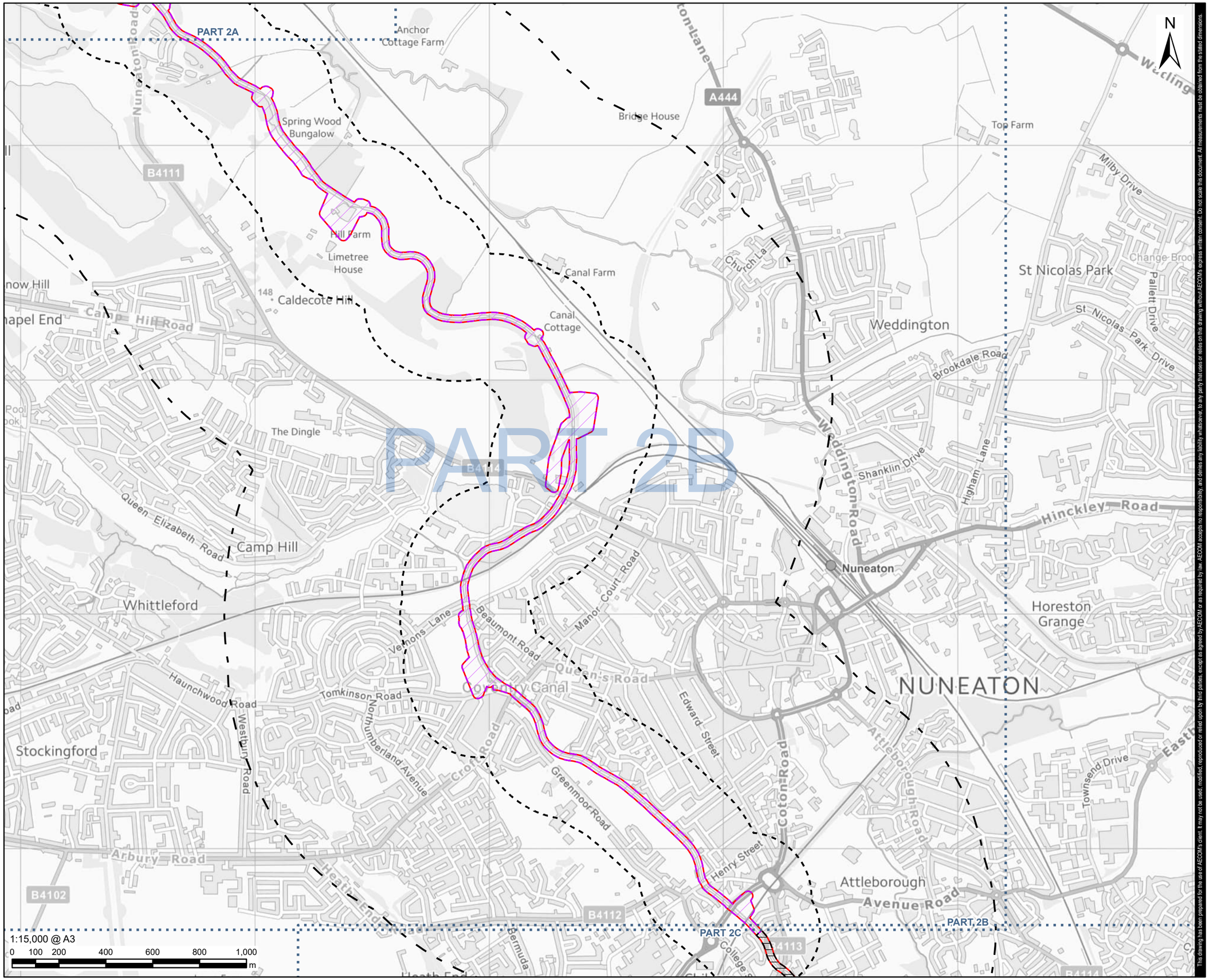
Parts 1-4 Ground Conditions Study Area
Sheet E

FIGURE NUMBER

Figure 14-1

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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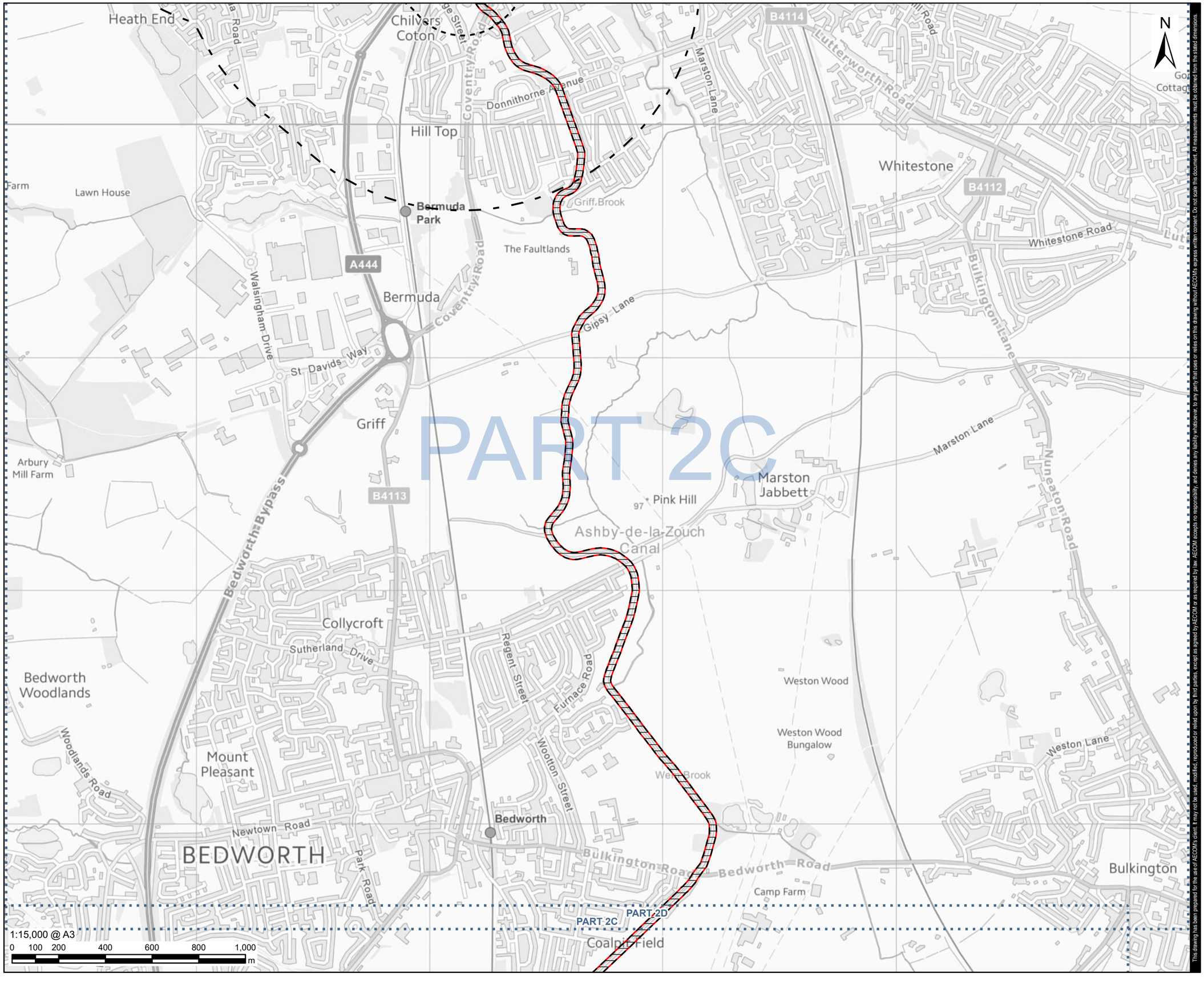
Parts 1-4 Ground Conditions Study Area
Sheet F

FIGURE NUMBER

Figure 14-1

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LEGEND

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- Part 2 Areas
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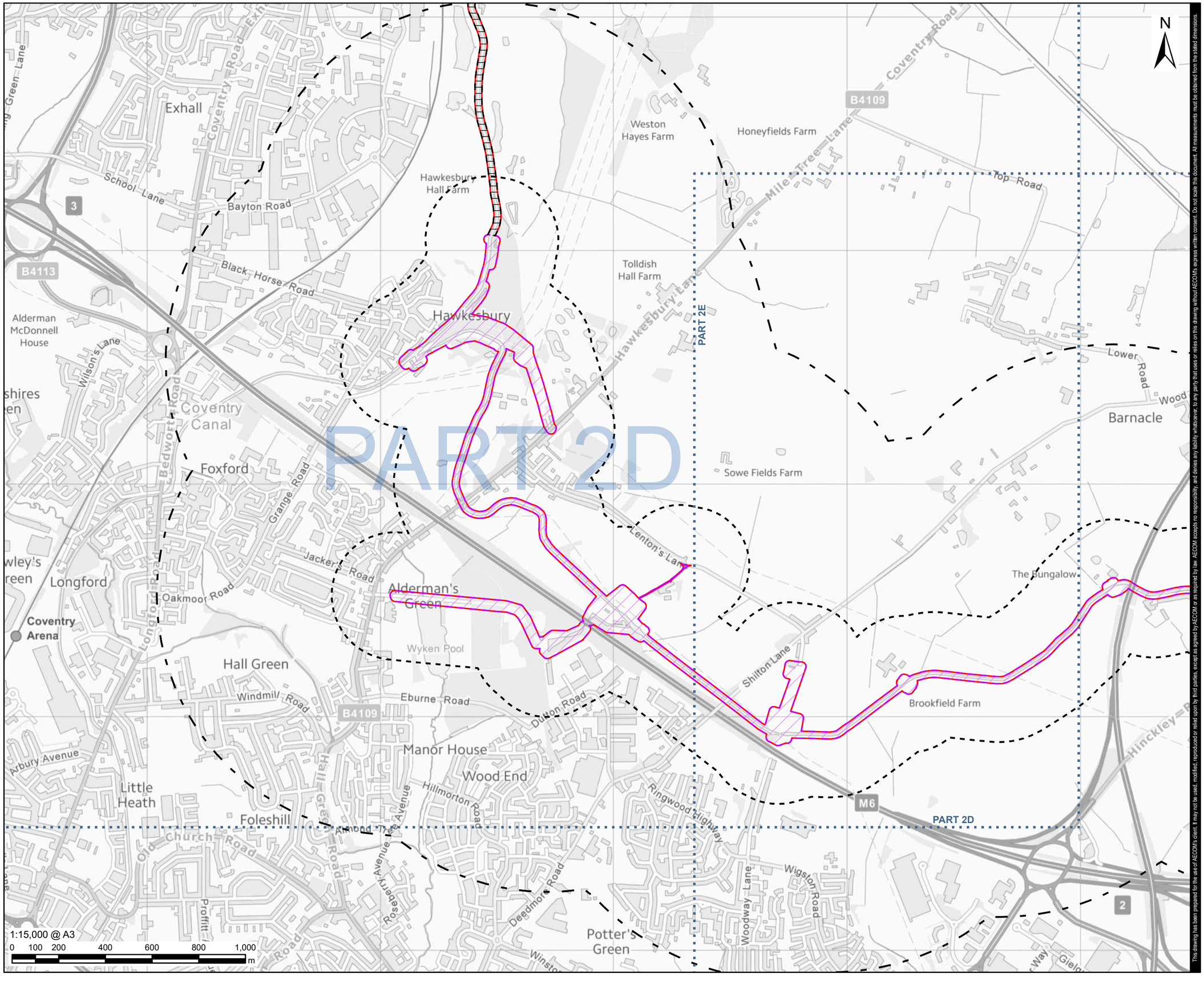
Parts 1-4 Ground Conditions Study Area Sheet G

FIGURE NUMBER

Figure 14-1

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Filename: C:\Users\olver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
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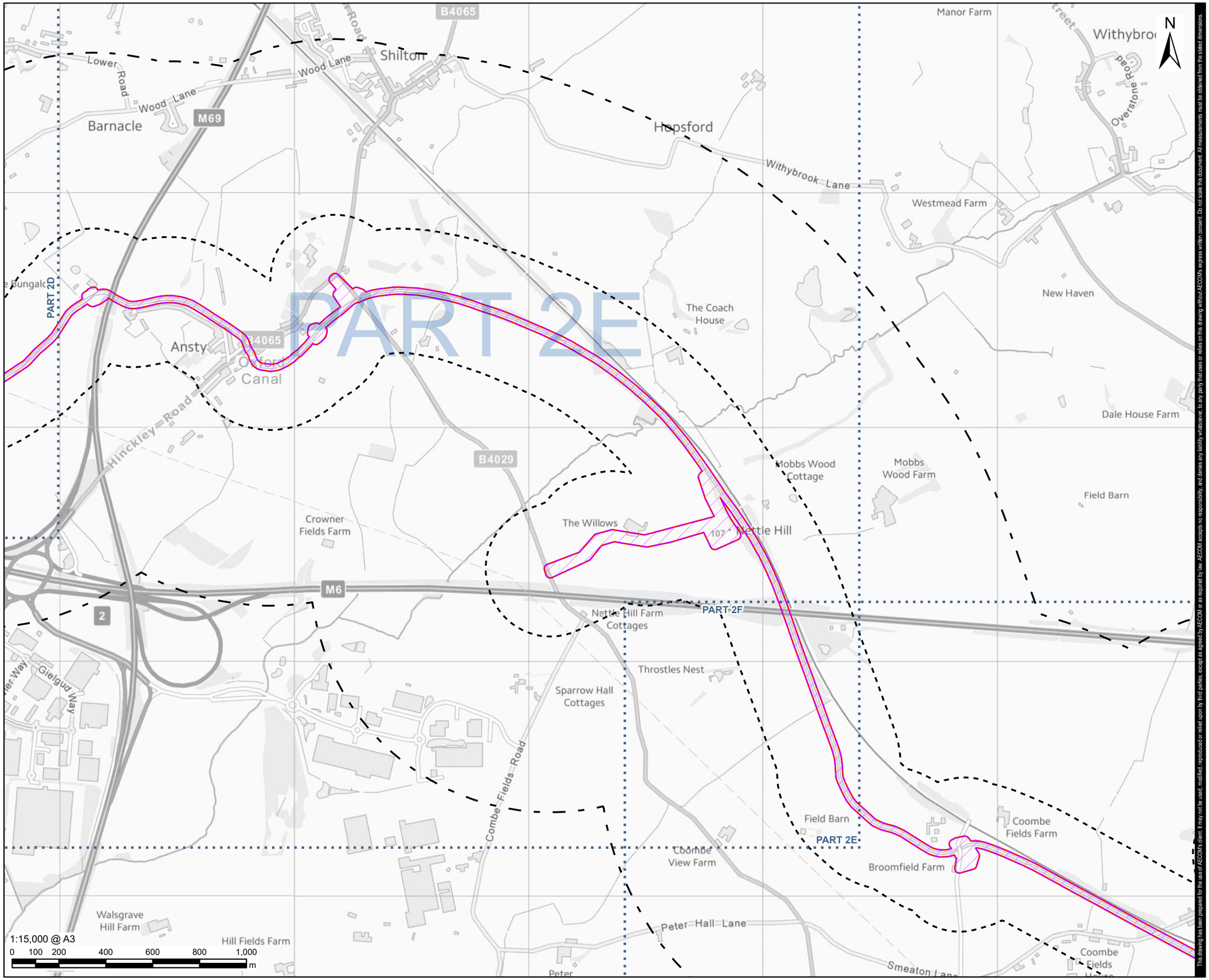
Parts 1-4 Ground Conditions Study Area Sheet H

FIGURE NUMBER

Figure 14-1

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LEGEND

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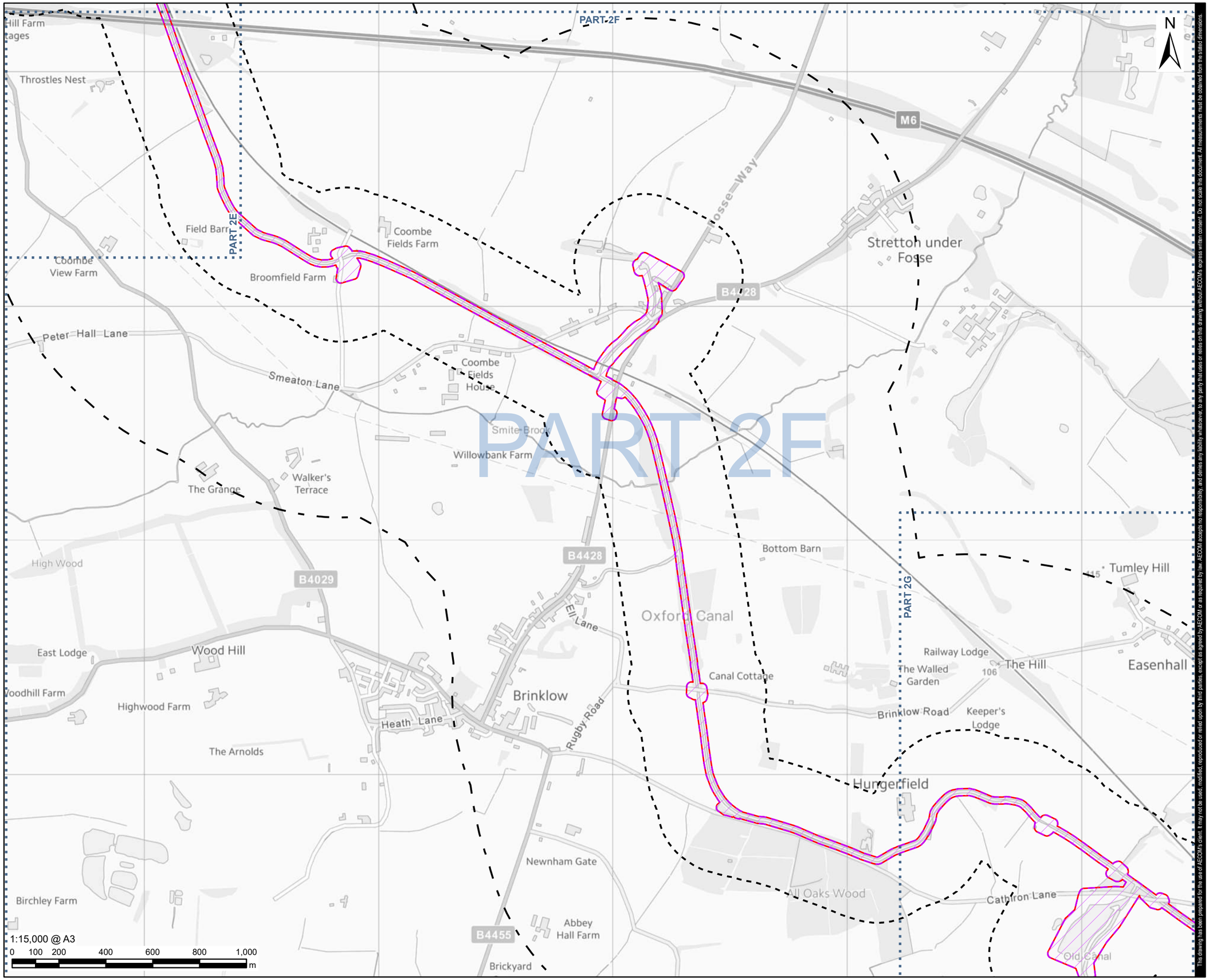
Parts 1-4 Ground Conditions Study Area
Sheet I

FIGURE NUMBER

Figure 14-1

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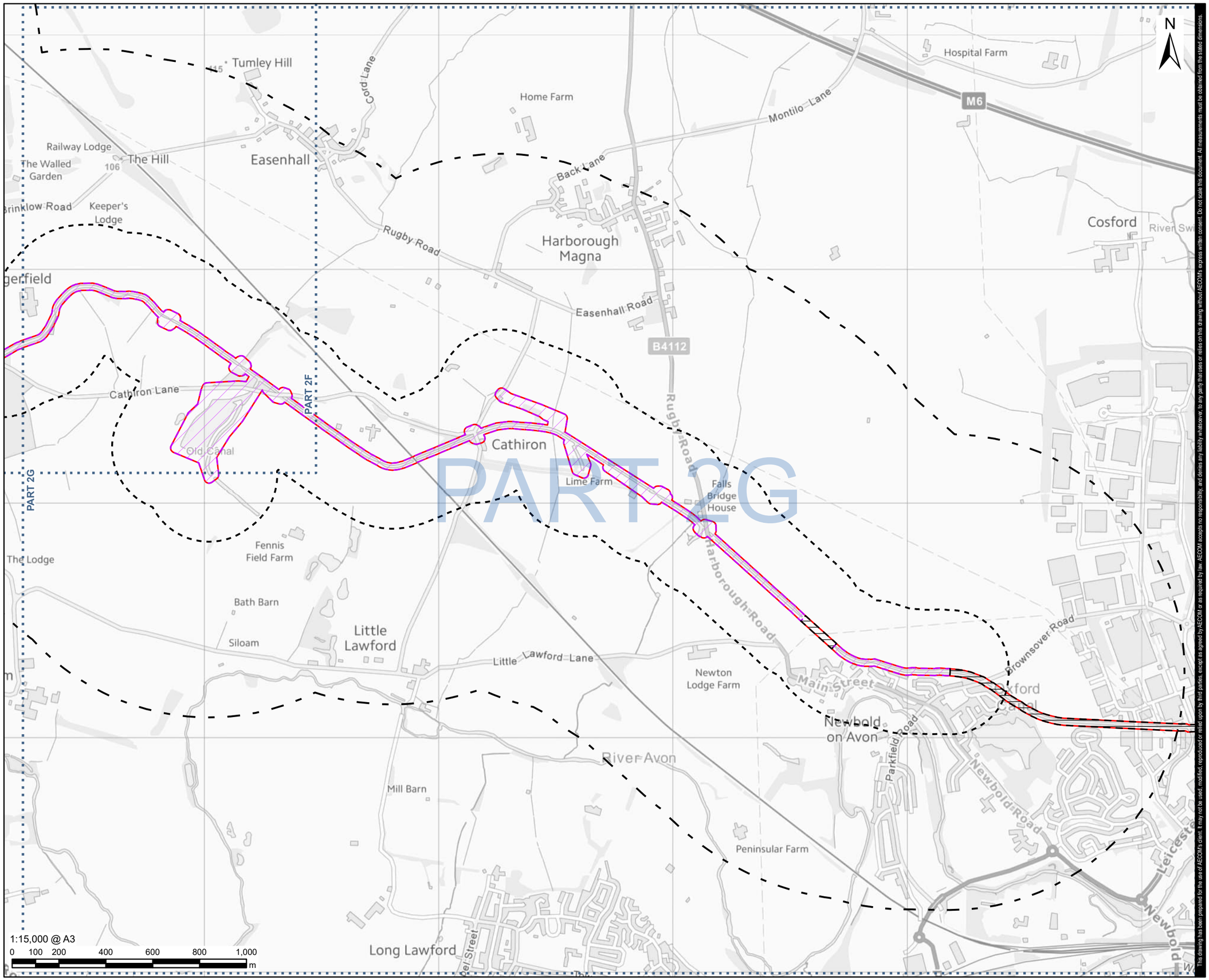
Parts 1-4 Ground Conditions Study Area Sheet J

FIGURE NUMBER

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

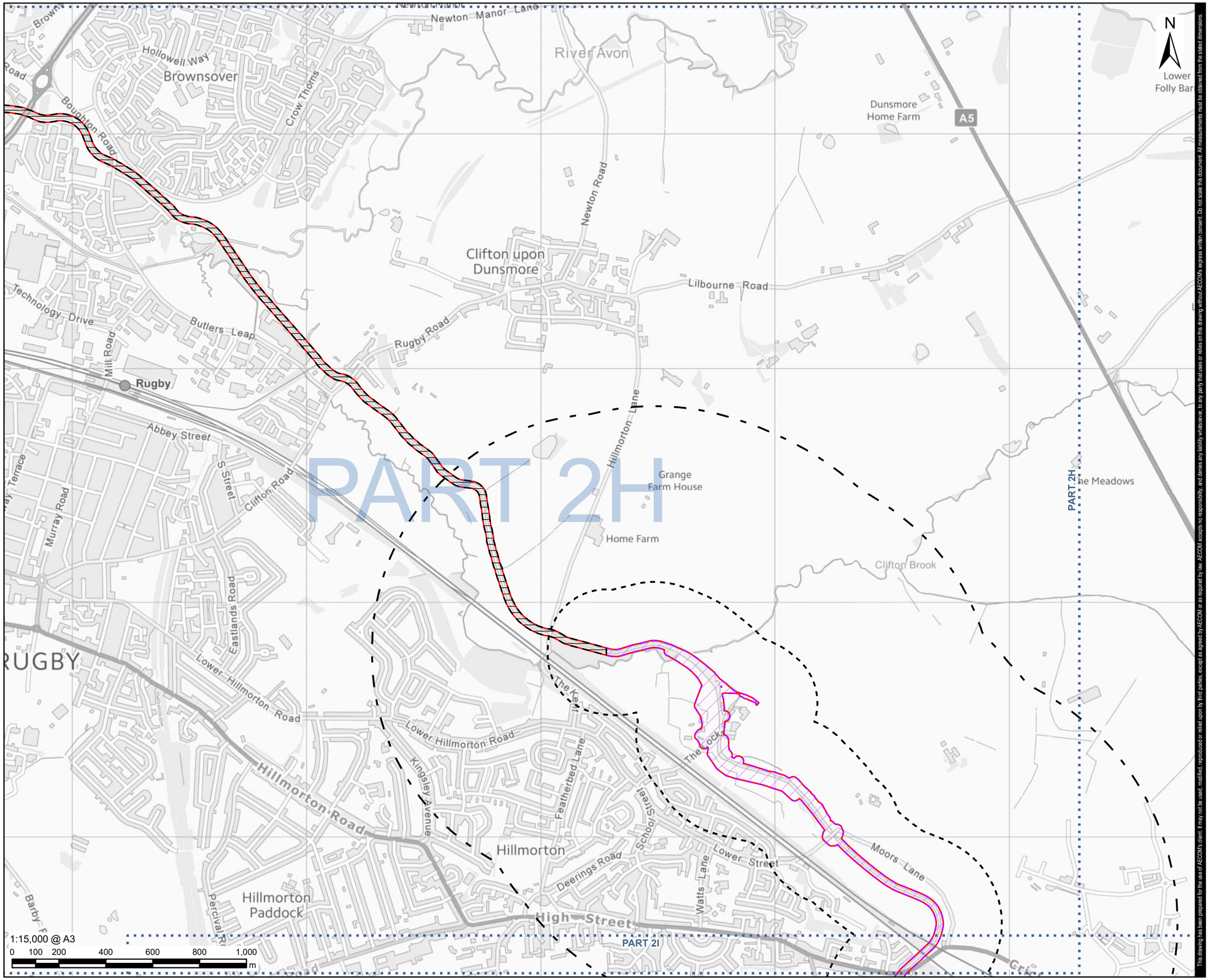
Parts 1-4 Ground Conditions Study Area
Sheet K

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
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ISSUE PURPOSE

FINAL

PROJECT NUMBER

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FIGURE TITLE

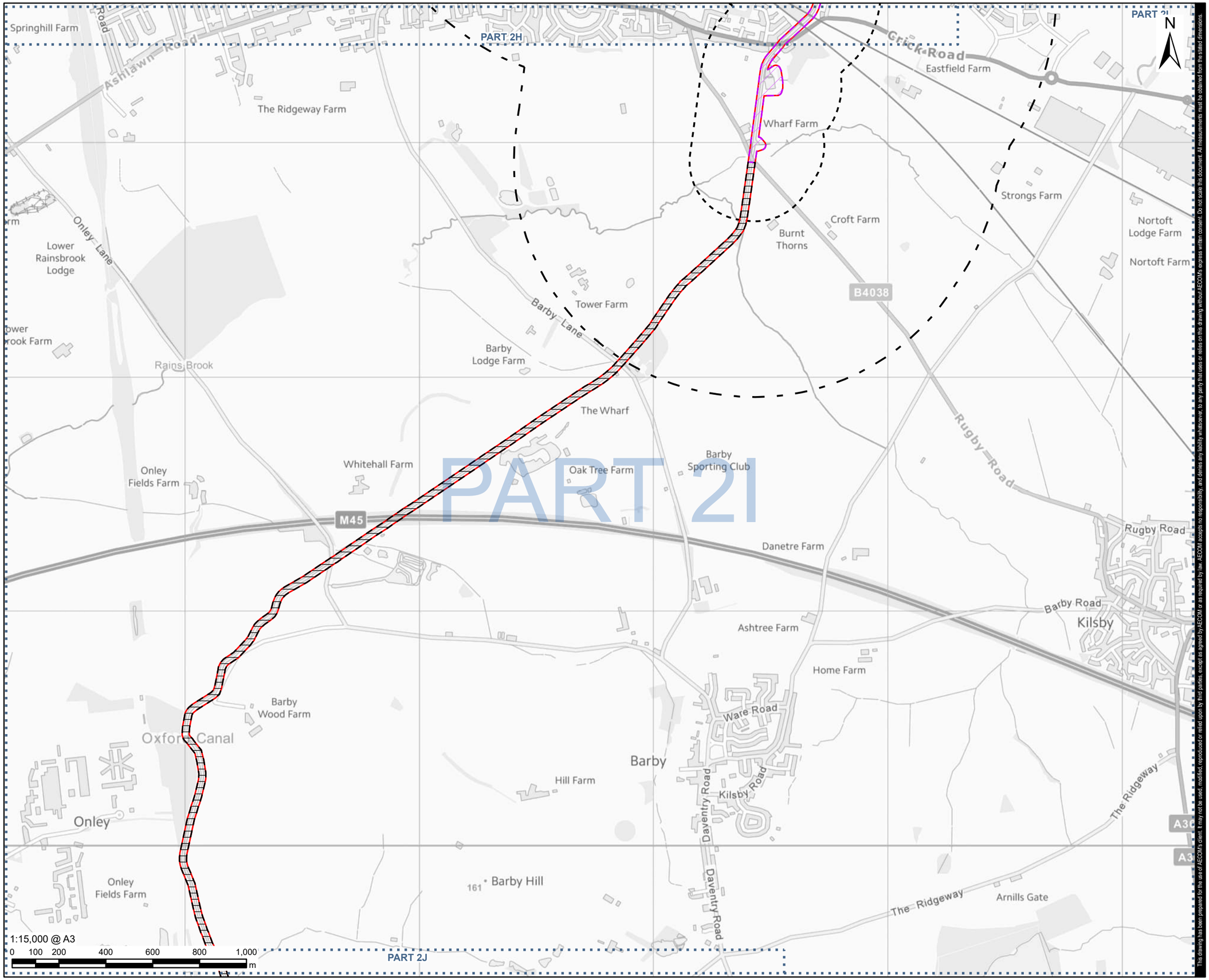
Parts 1-4 Ground Conditions Study Area
Sheet L

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
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PROJECT NUMBER

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FIGURE TITLE

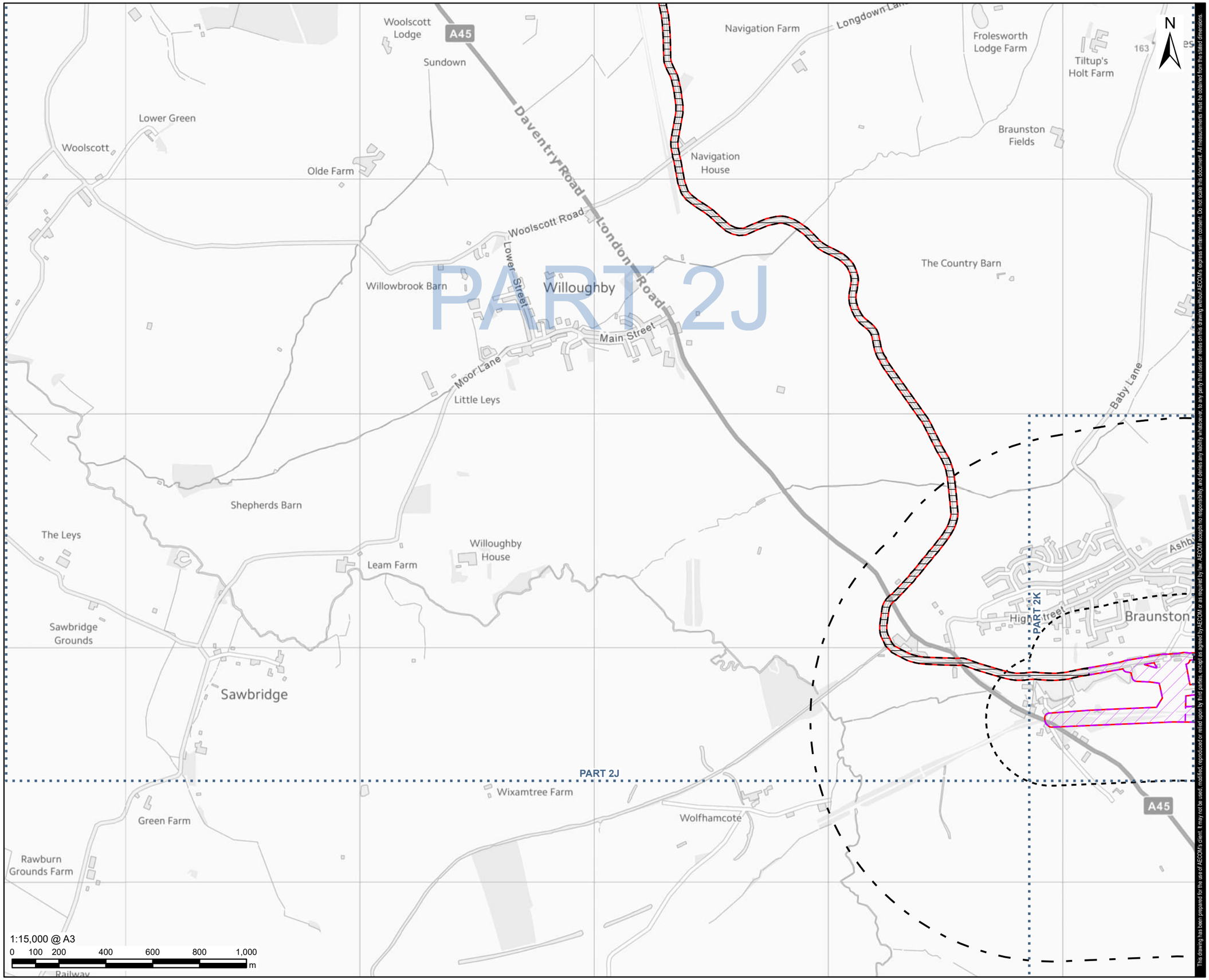
Parts 1-4 Ground Conditions Study Area
Sheet M

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 3
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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PROJECT NUMBER

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FIGURE TITLE

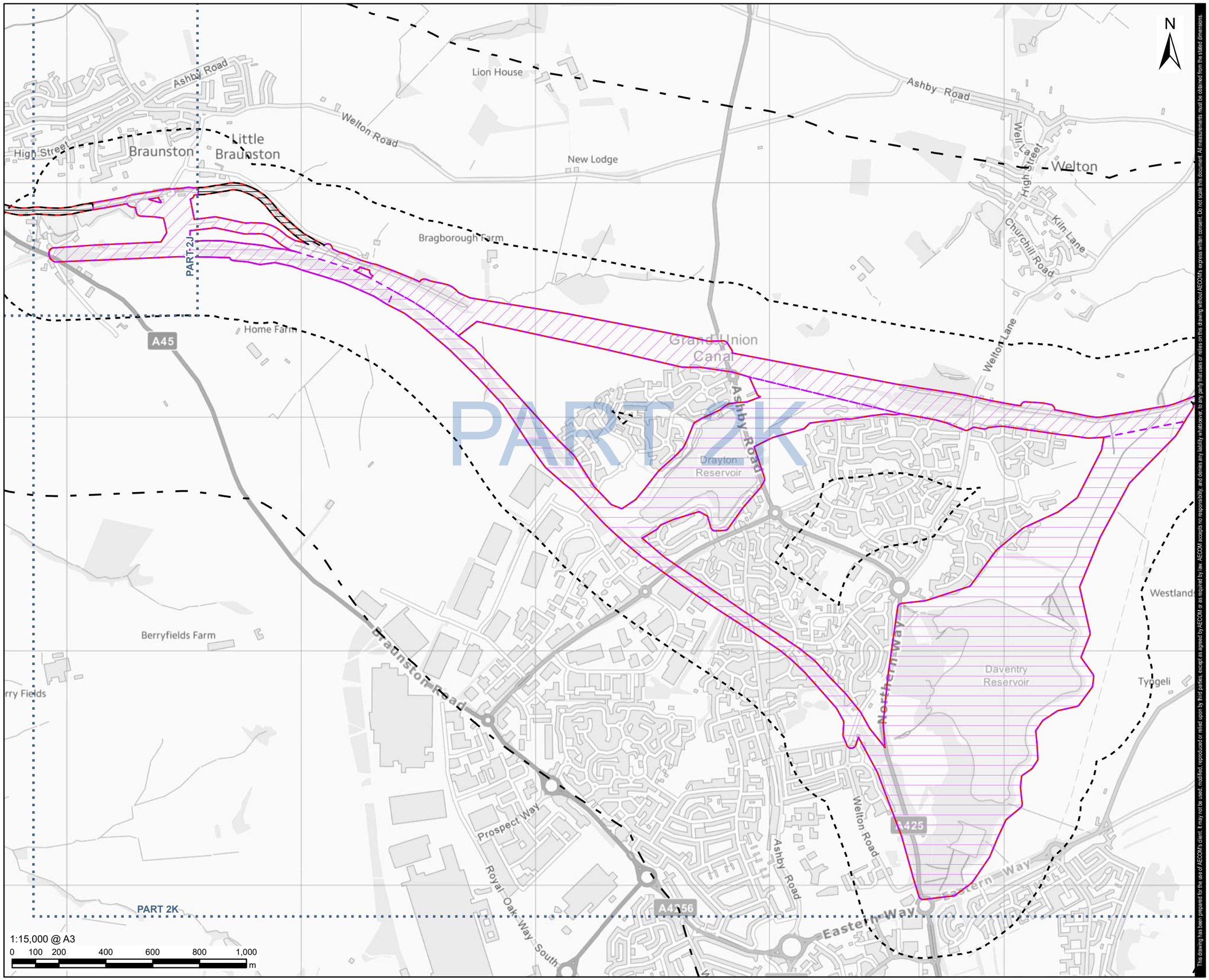
Parts 1-4 Ground Conditions
Study Area
Sheet N

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 3
- Part 2 Areas
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FIGURE TITLE

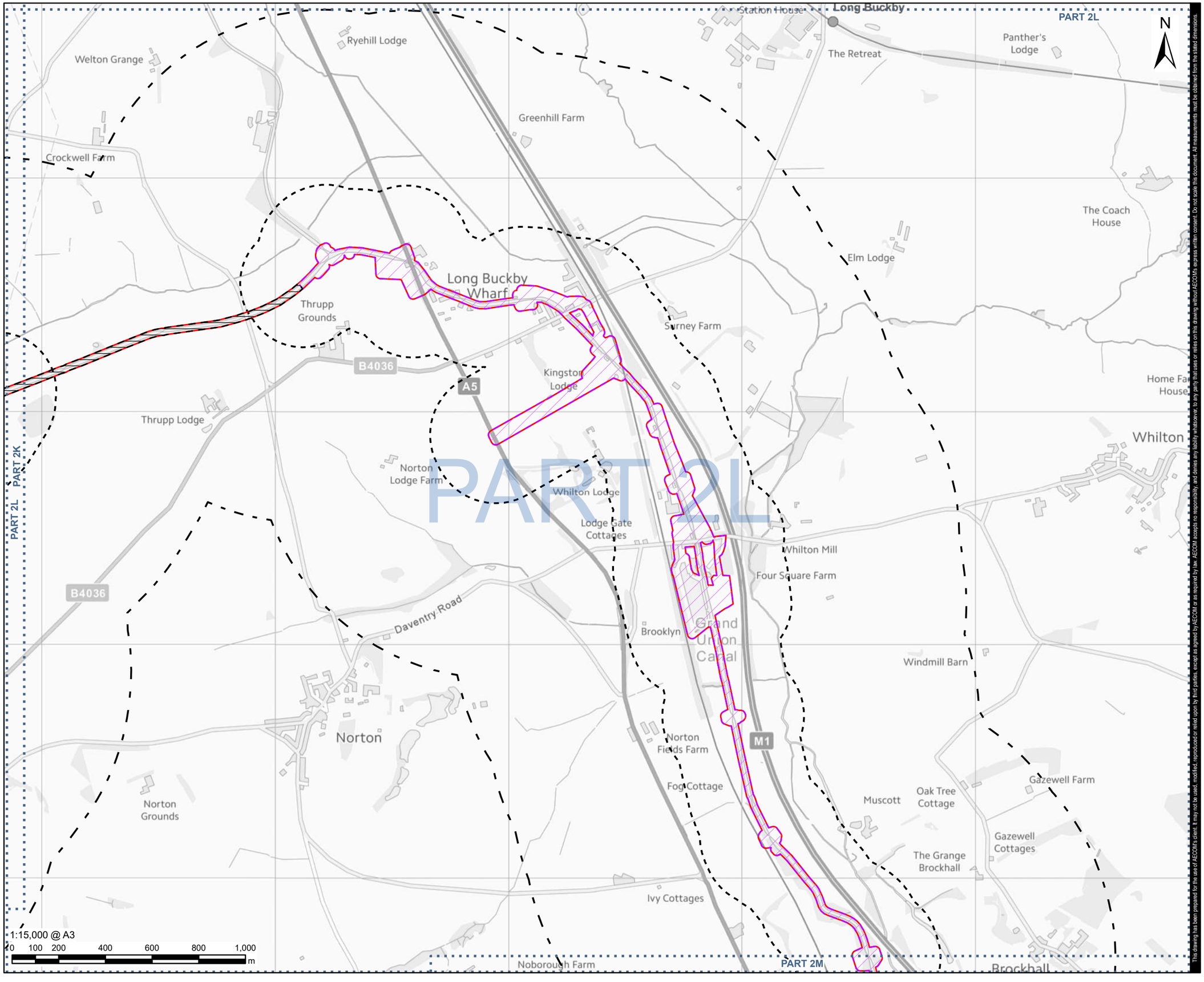
Parts 1-4 Ground Conditions Study Area
Sheet O

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
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- 250m Study Area for Geology, Land Contamination and Hydrogeology
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FIGURE TITLE

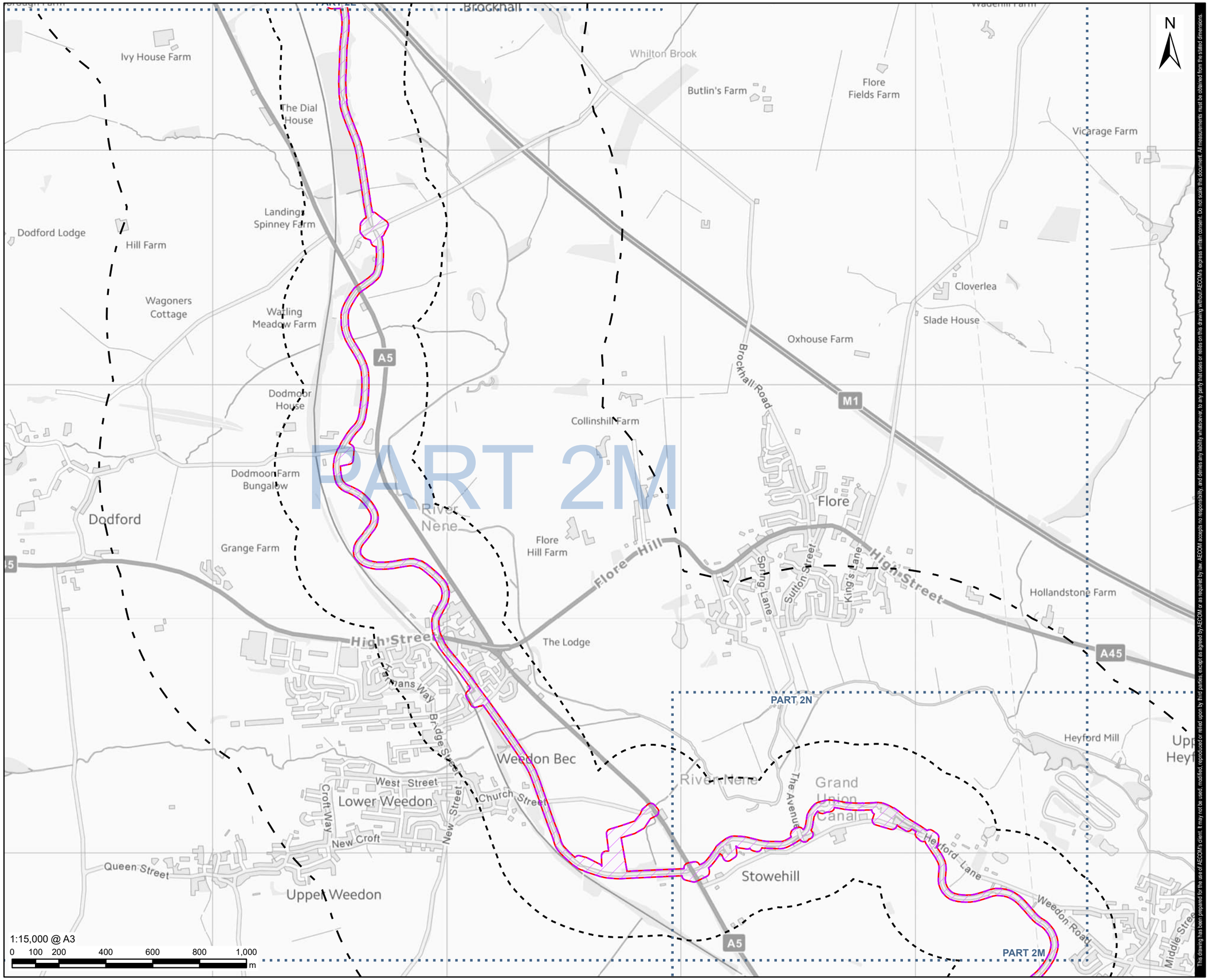
Parts 1-4 Ground Conditions Study Area
Sheet P

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
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ISSUE PURPOSE

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FIGURE TITLE

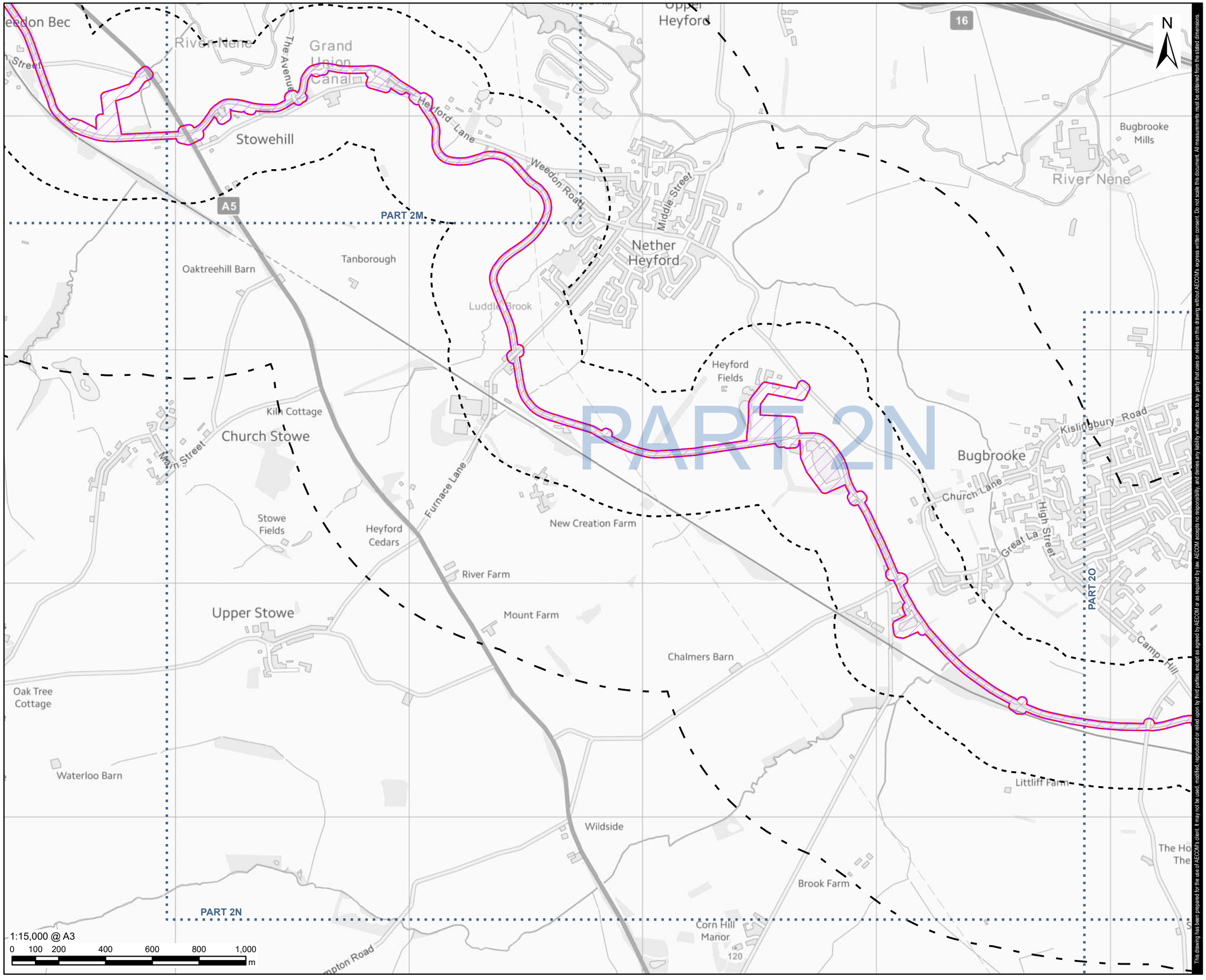
Parts 1-4 Ground Conditions Study Area Sheet Q

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

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- Part 2 Areas
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FINAL

PROJECT NUMBER

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FIGURE TITLE

Parts 1-4 Ground Conditions Study Area Sheet R

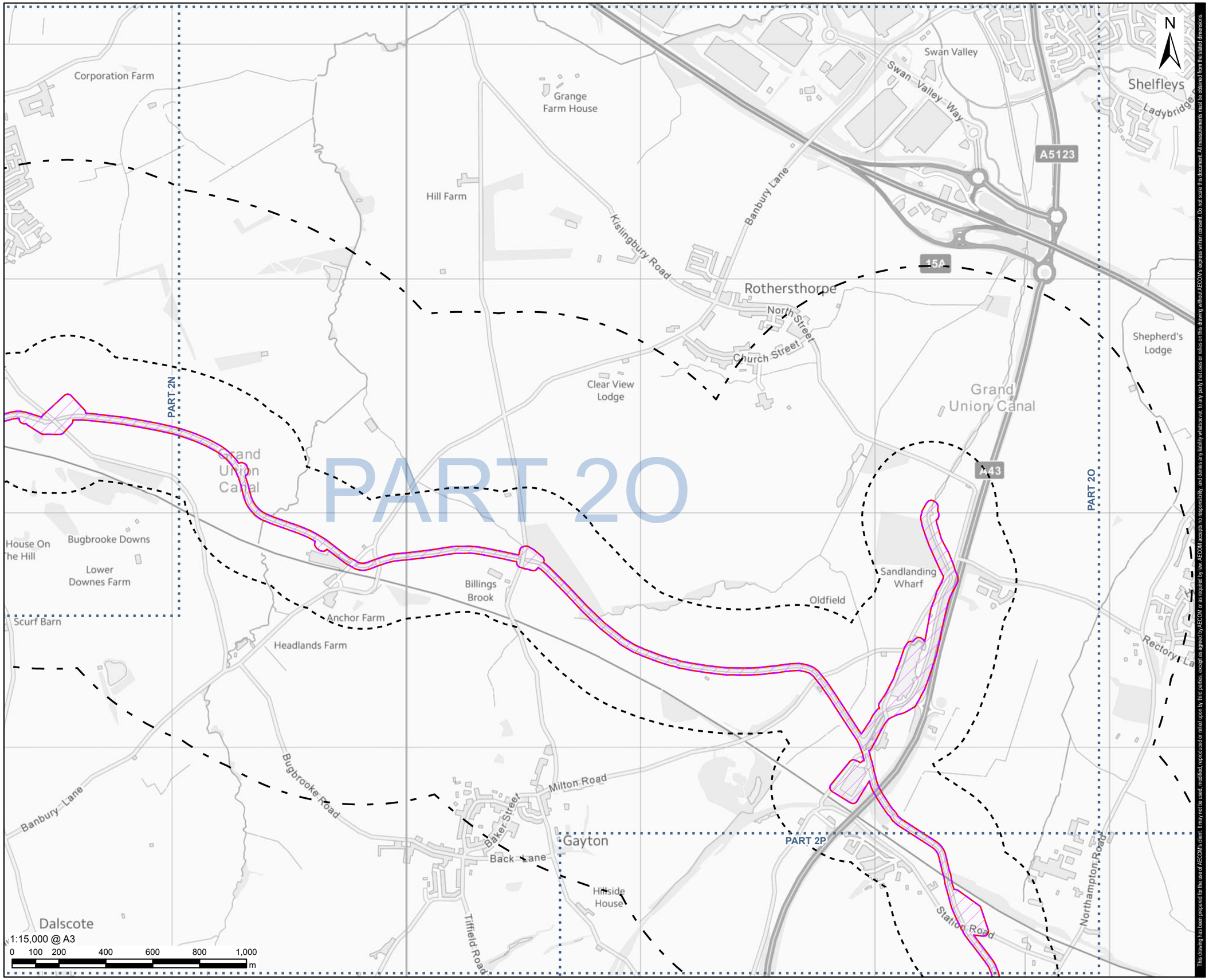
FIGURE NUMBER

Figure 14-1

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LEGEND

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FIGURE TITLE

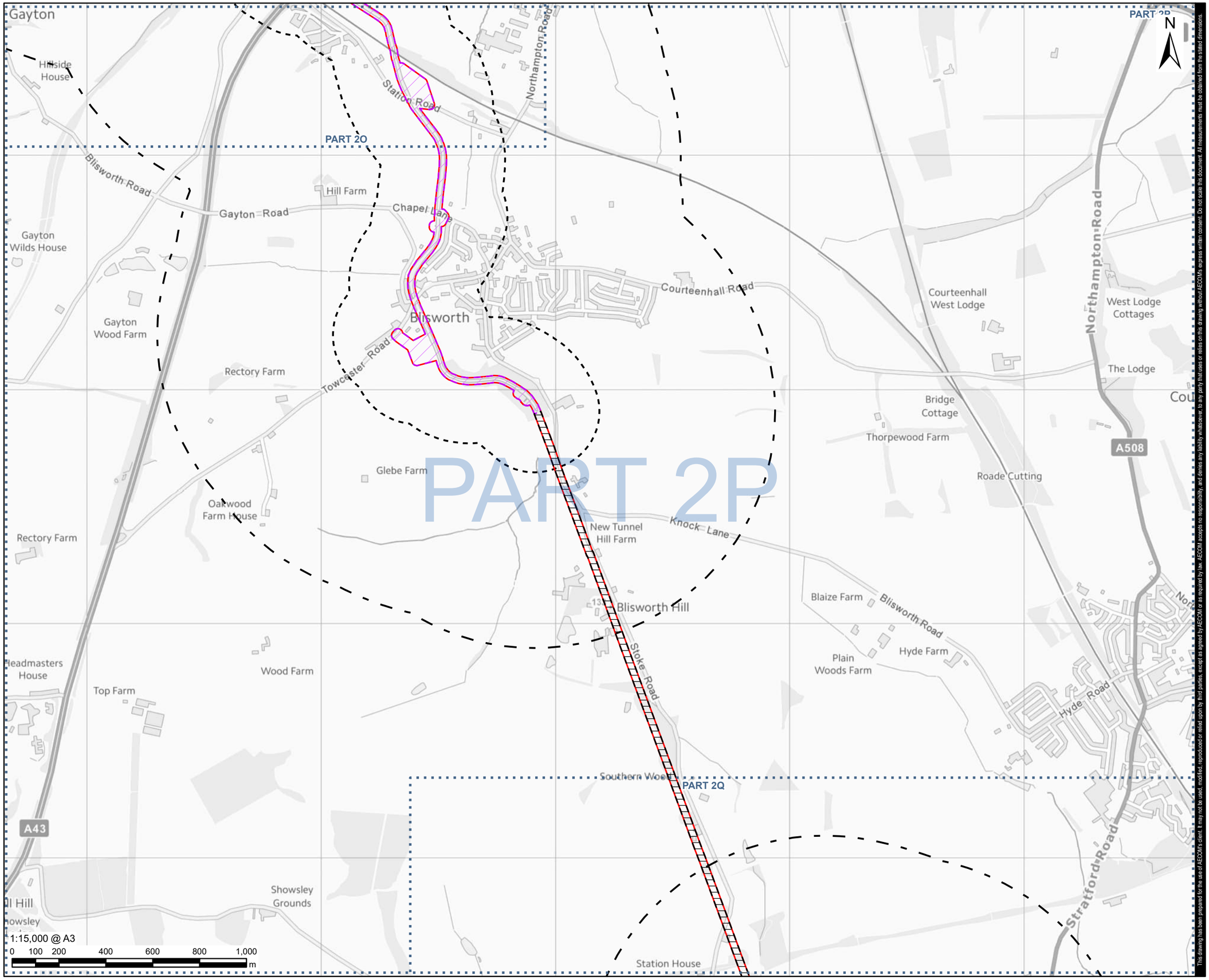
Parts 1-4 Ground Conditions Study Area
Sheet S

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

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PROJECT NUMBER

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FIGURE TITLE

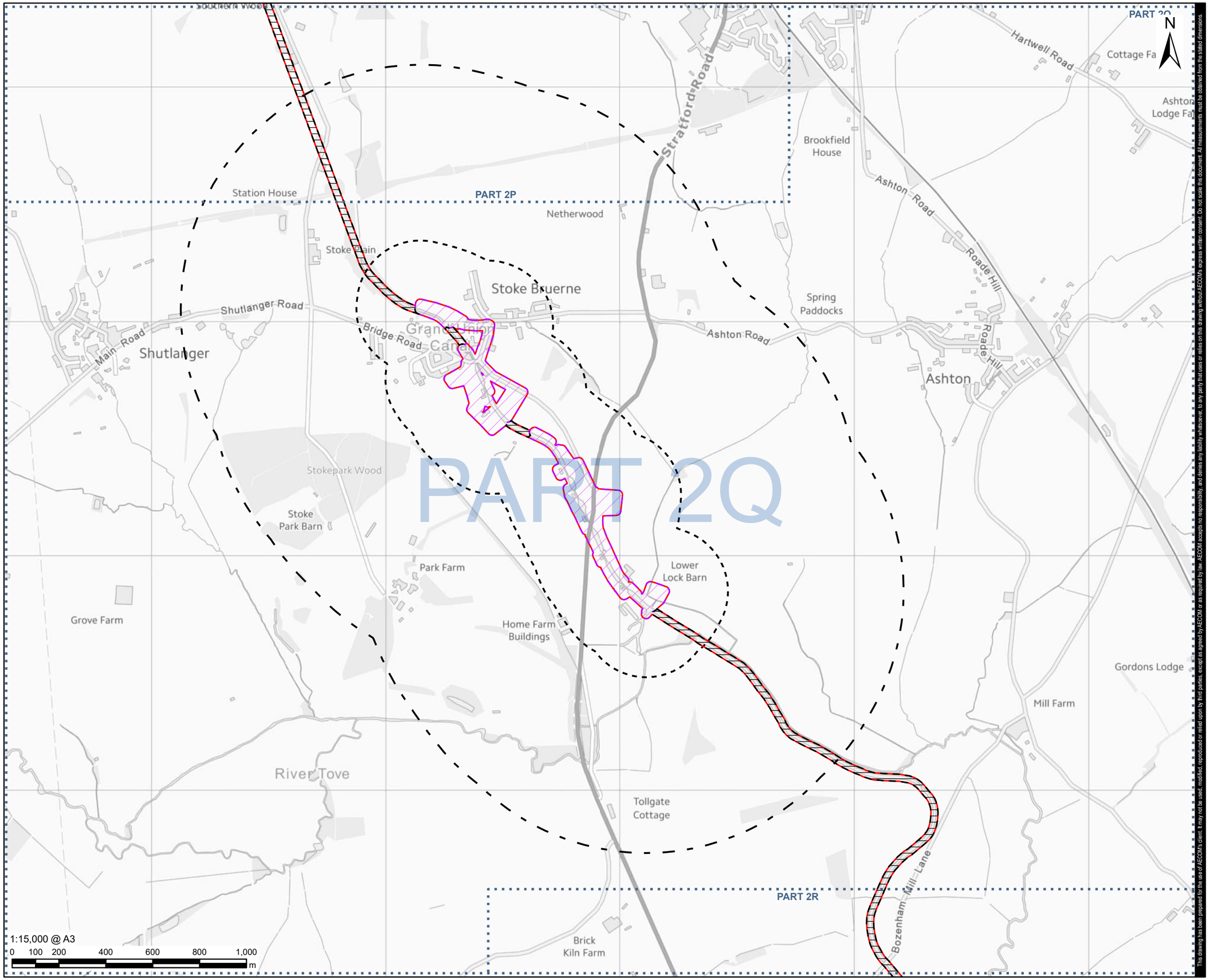
Parts 1-4 Ground Conditions Study Area
Sheet T

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

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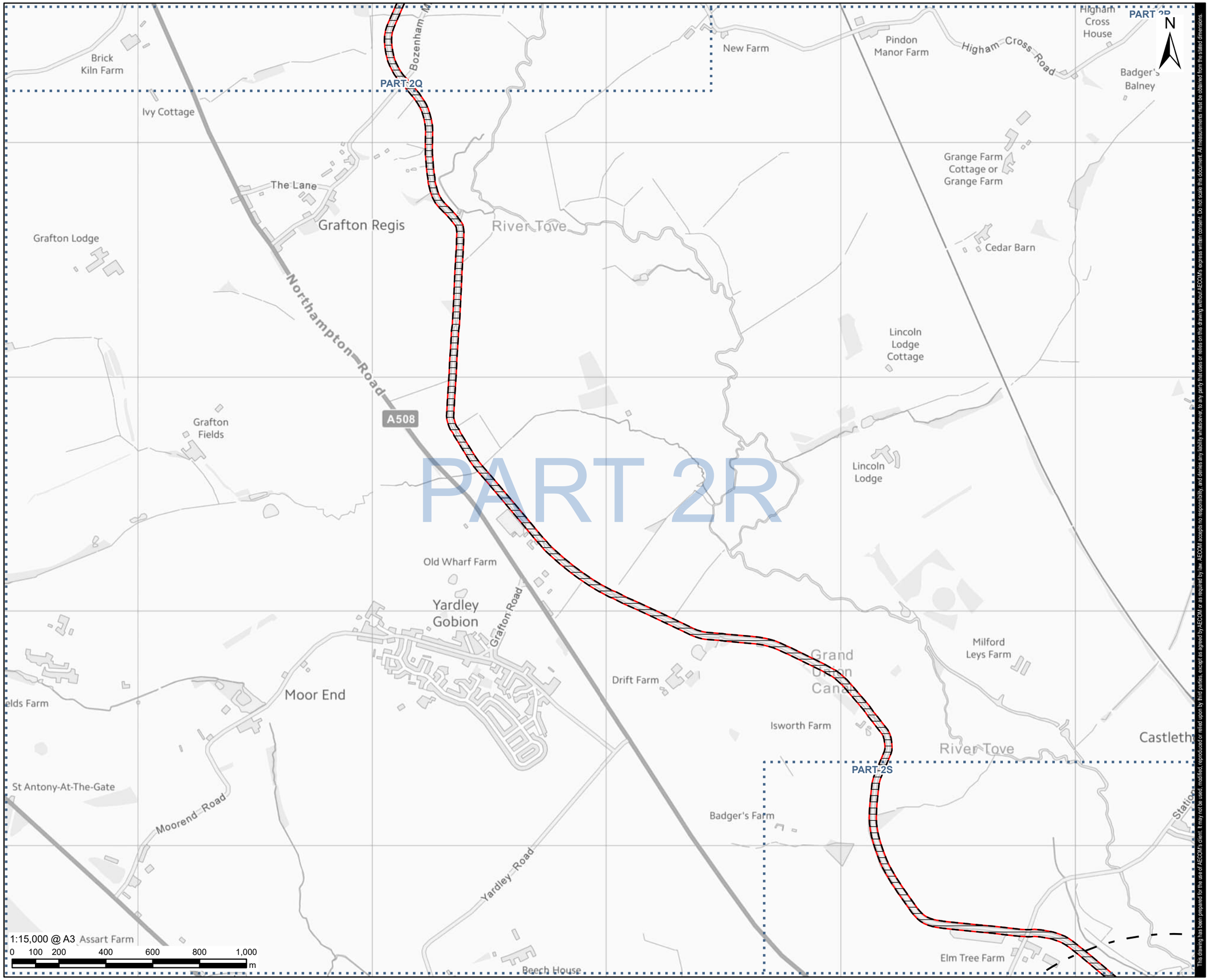
Parts 1-4 Ground Conditions Study Area
Sheet U

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
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ISSUE PURPOSE

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PROJECT NUMBER

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FIGURE TITLE

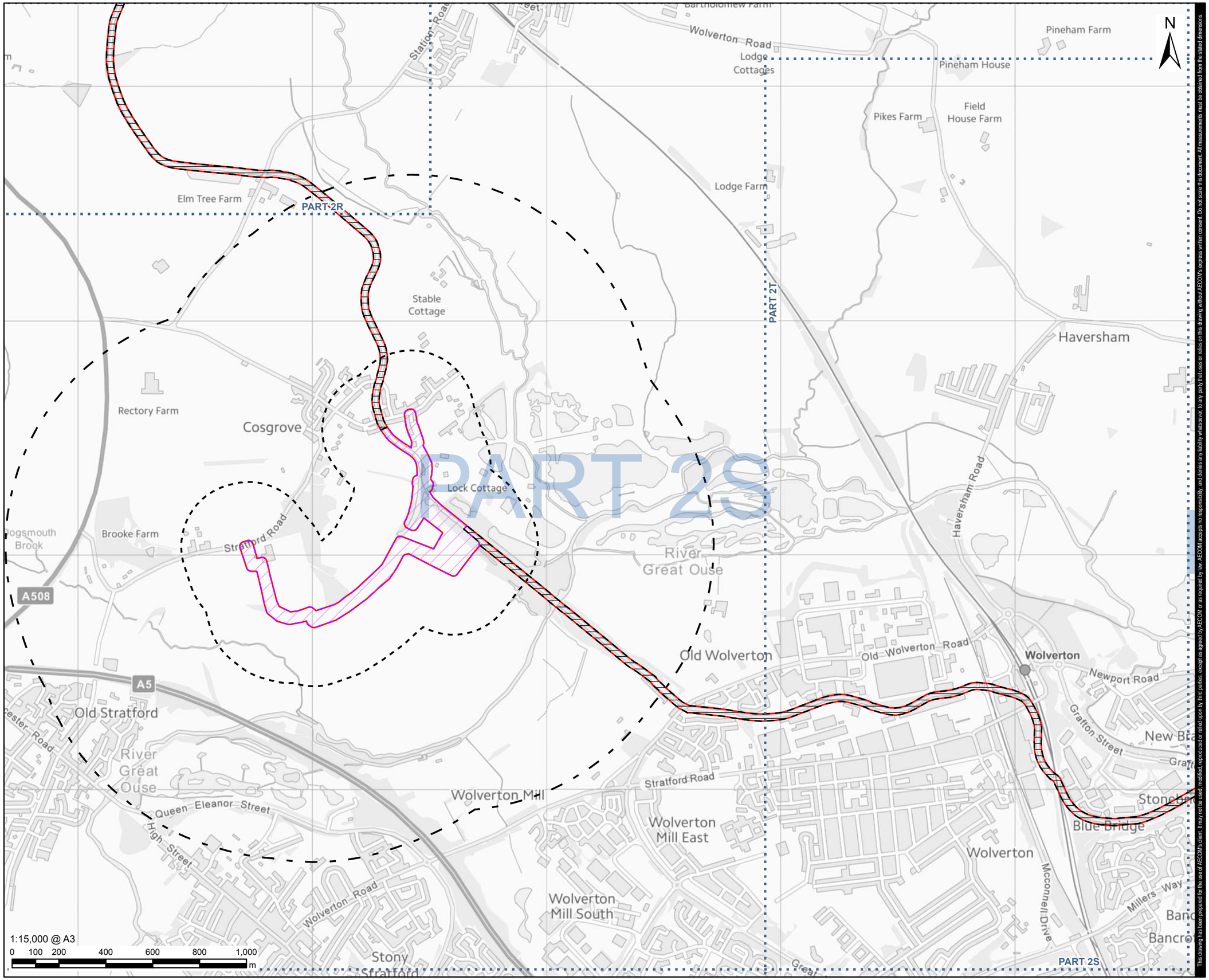
Parts 1-4 Ground Conditions Study Area
Sheet V

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

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- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

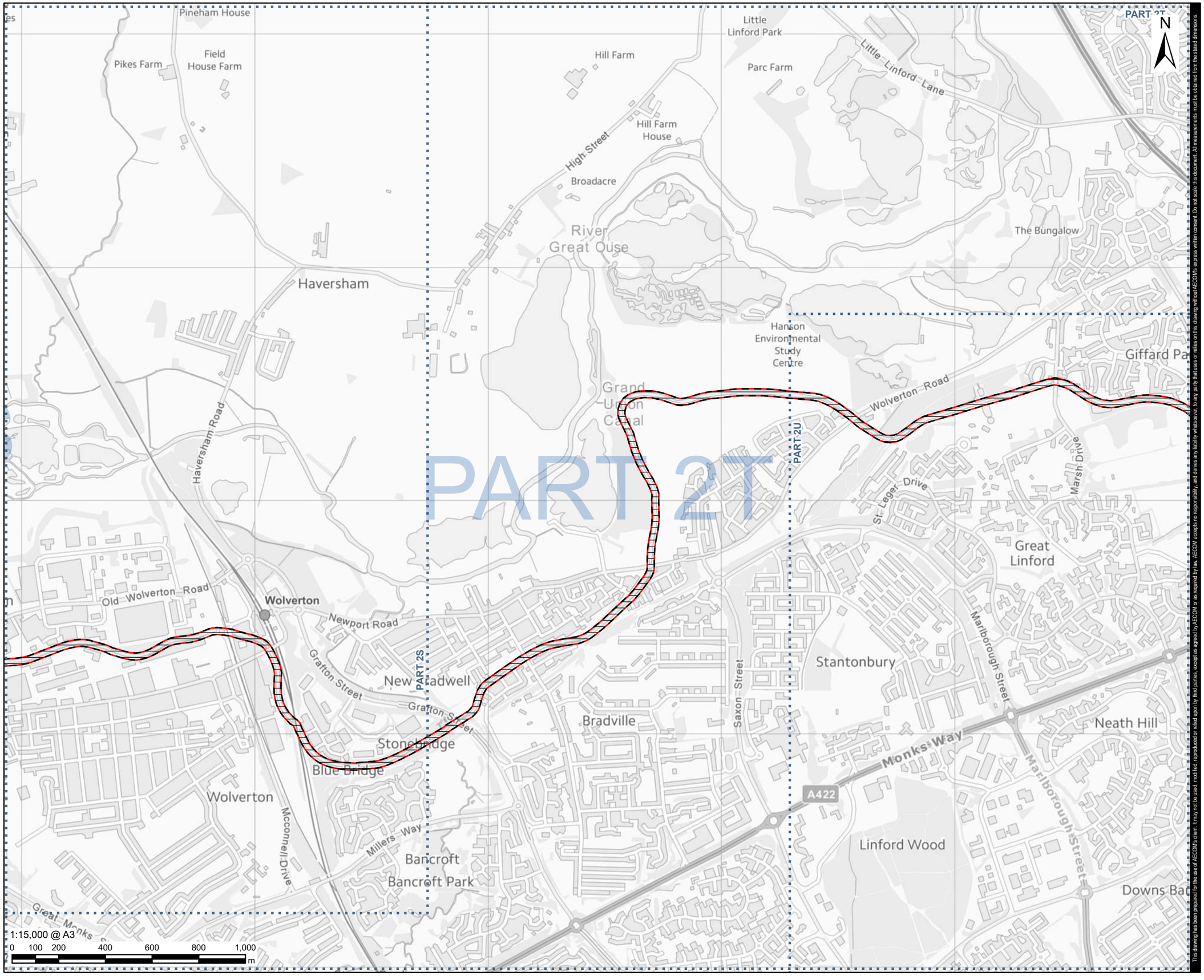
Parts 1-4 Ground Conditions Study Area
Sheet W

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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CONSULTANT

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www.aecom.com

LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

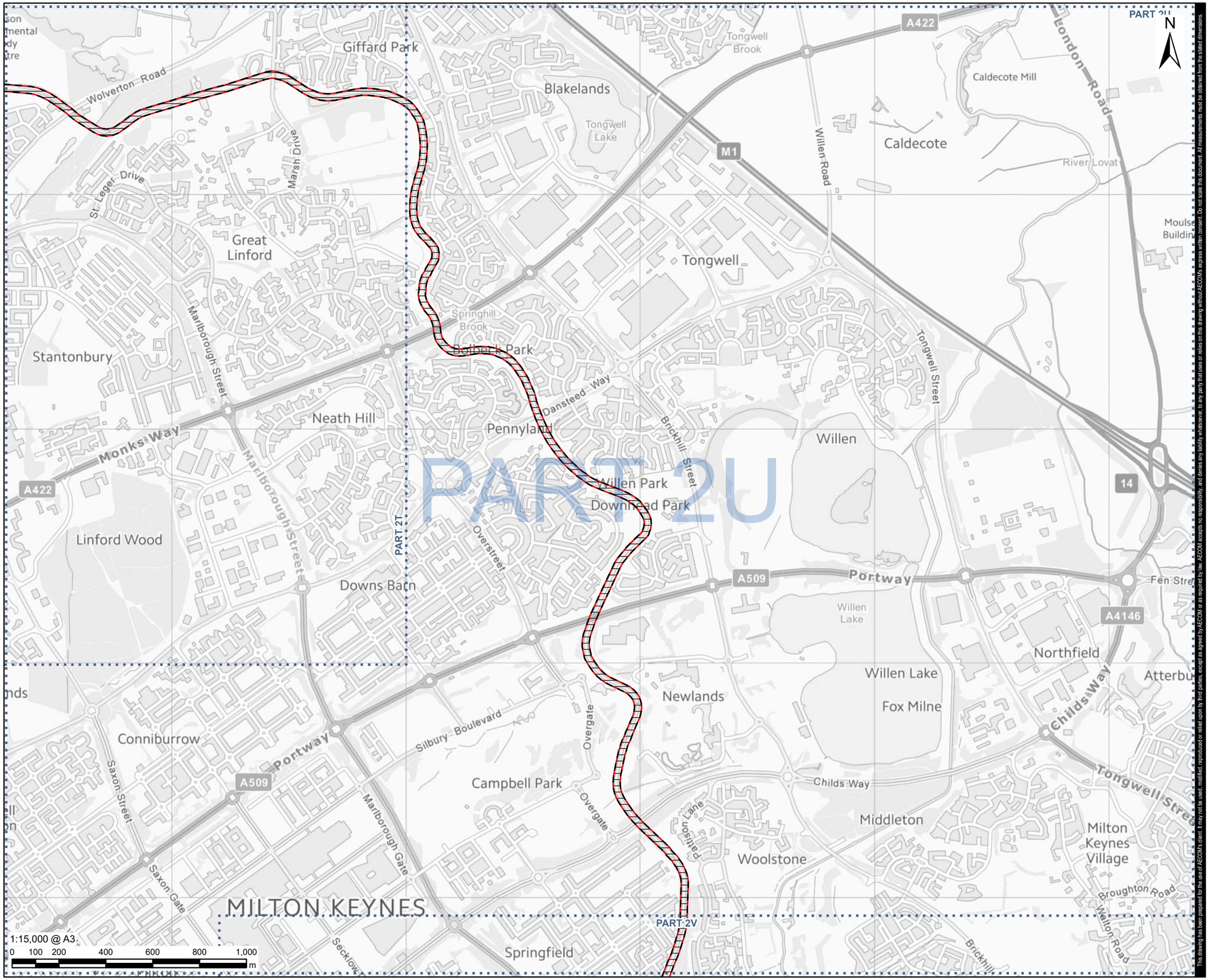
Parts 1-4 Ground Conditions Study Area
Sheet X

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

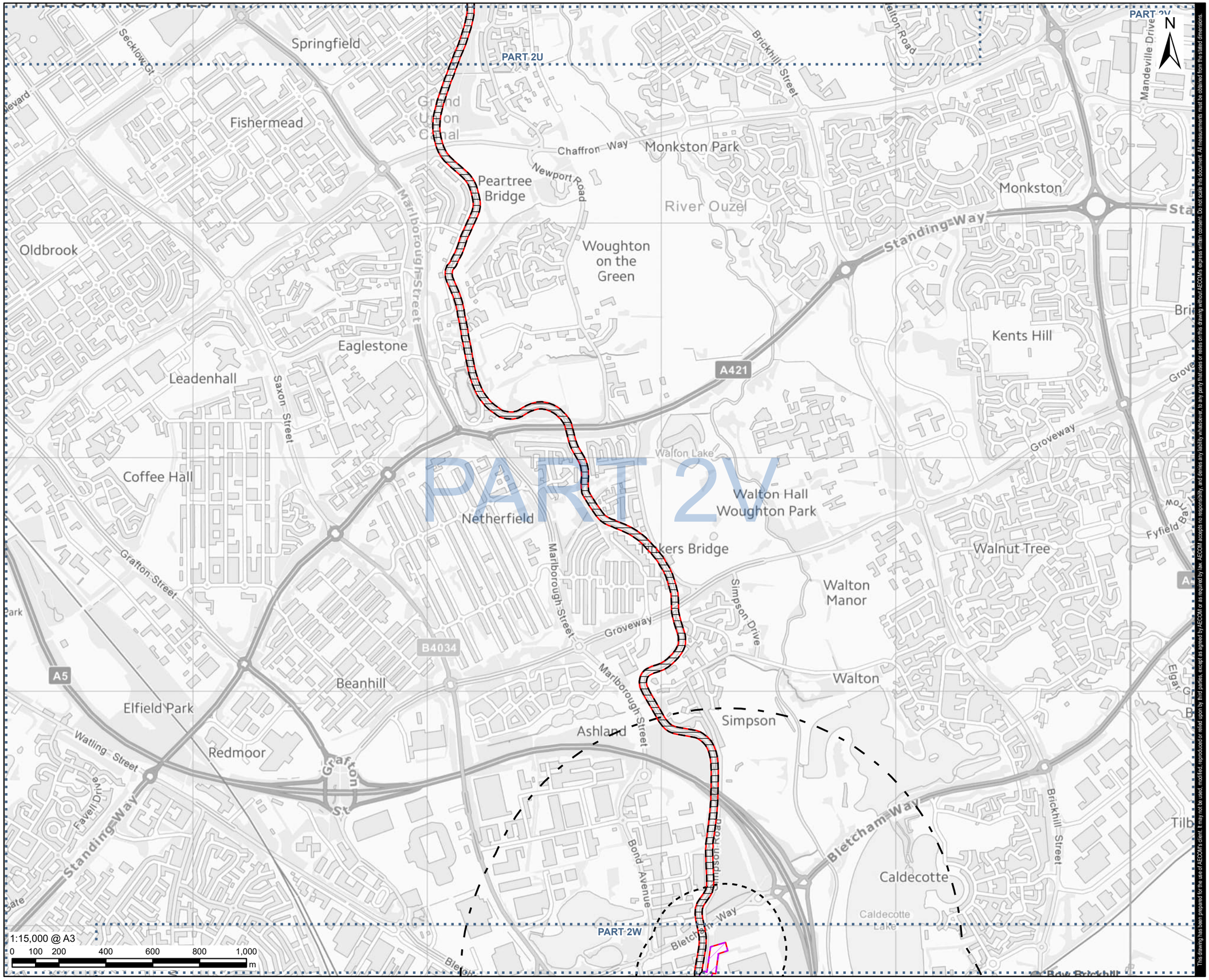
Parts 1-4 Ground Conditions Study Area Sheet Y

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\tolver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

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FIGURE TITLE

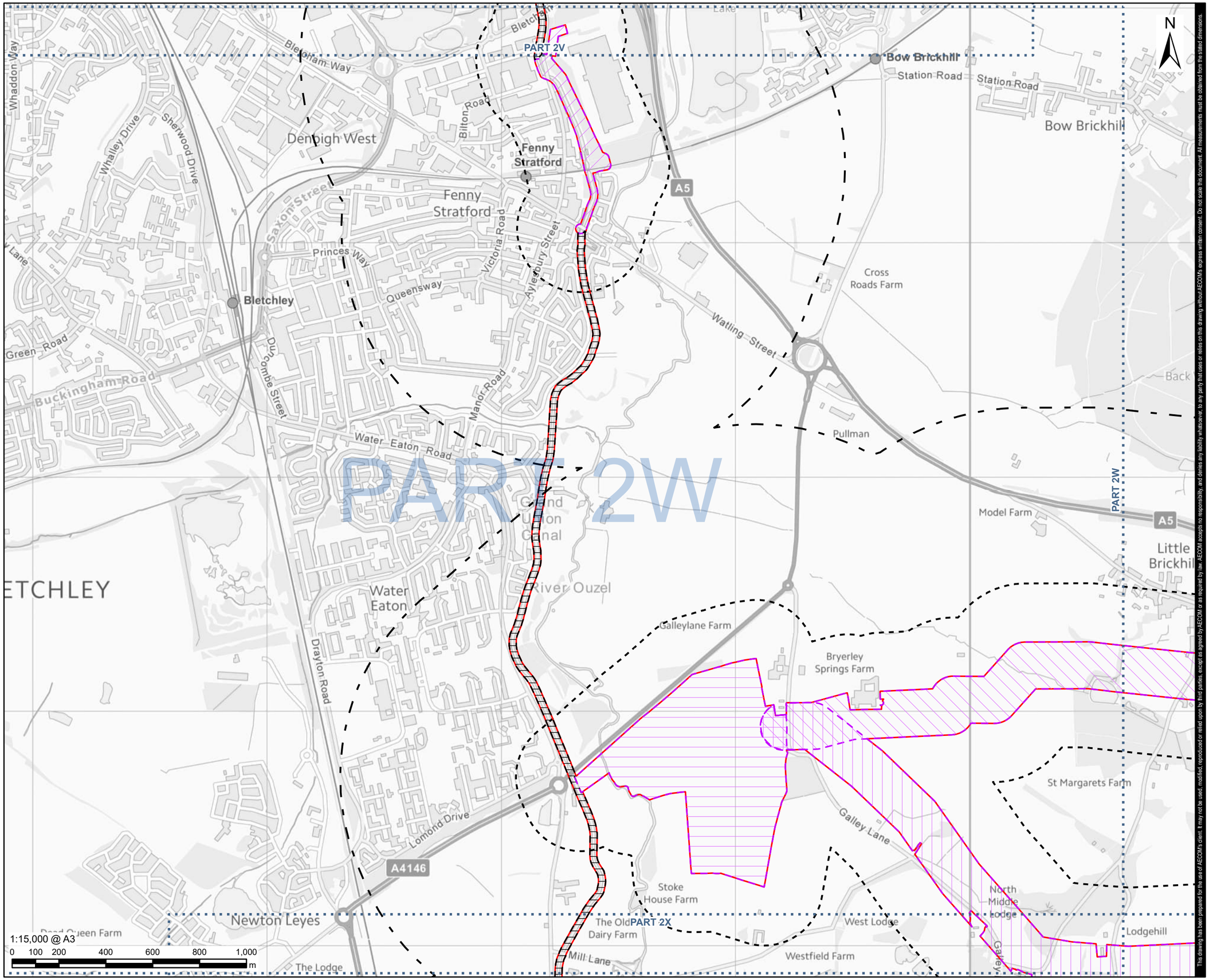
Parts 1-4 Ground Conditions
Study Area
Sheet Z

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Milnworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4a - Site B
- Part 4b - SP2
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

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PROJECT NUMBER

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FIGURE TITLE

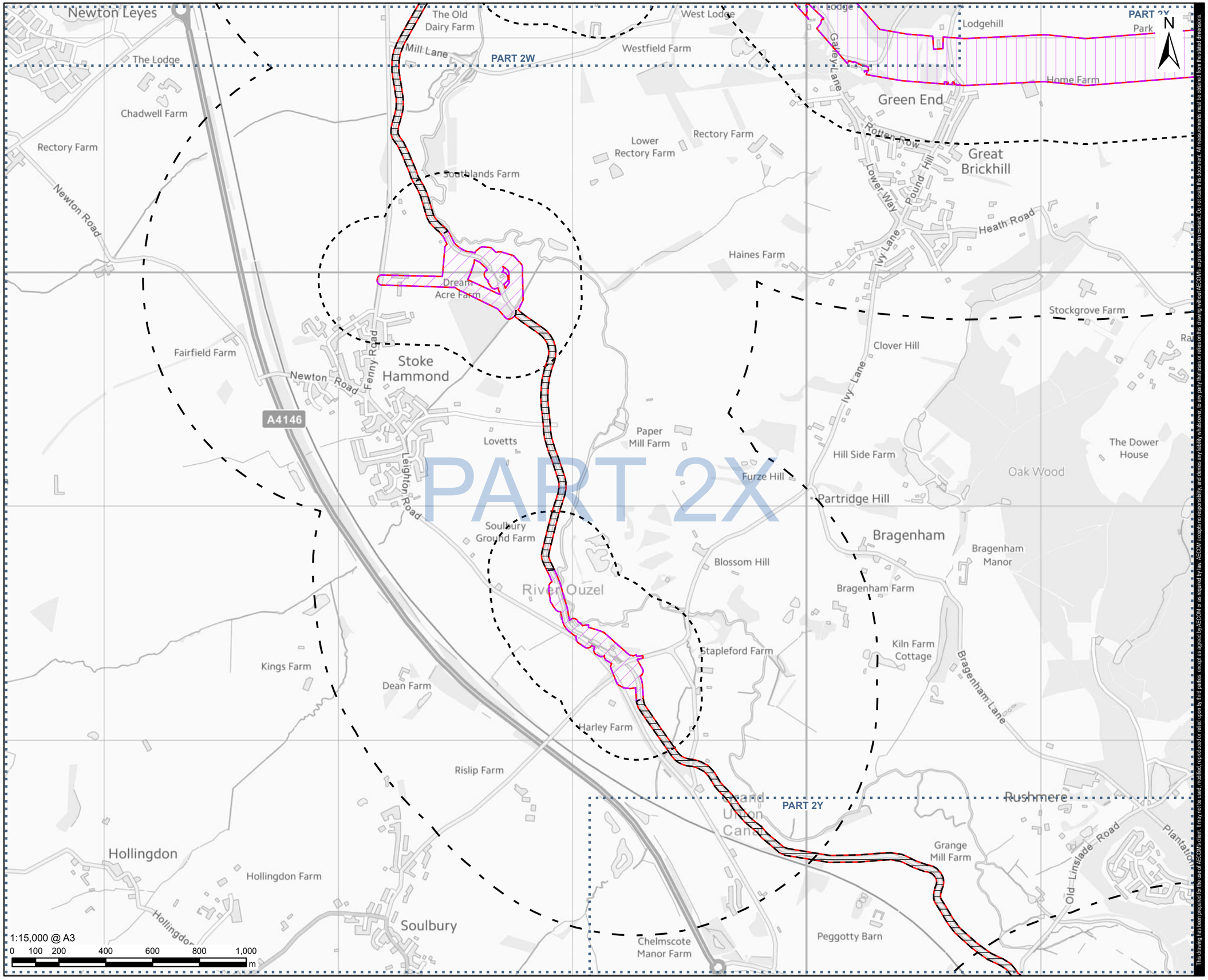
Parts 1-4 Ground Conditions Study Area
Sheet AA

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\tolver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

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FIGURE TITLE

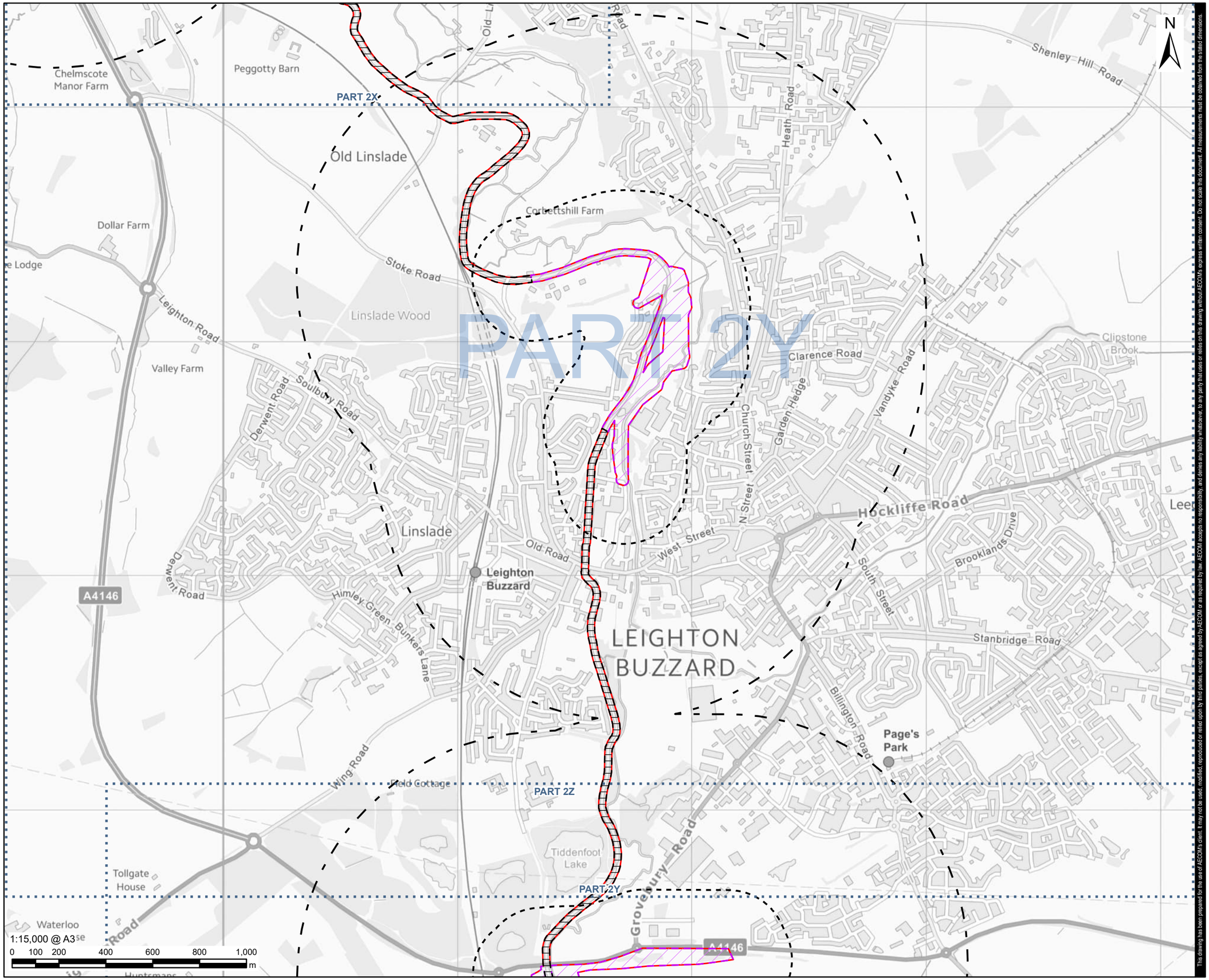
Parts 1-4 Ground Conditions
Study Area
Sheet AB

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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ISSUE PURPOSE

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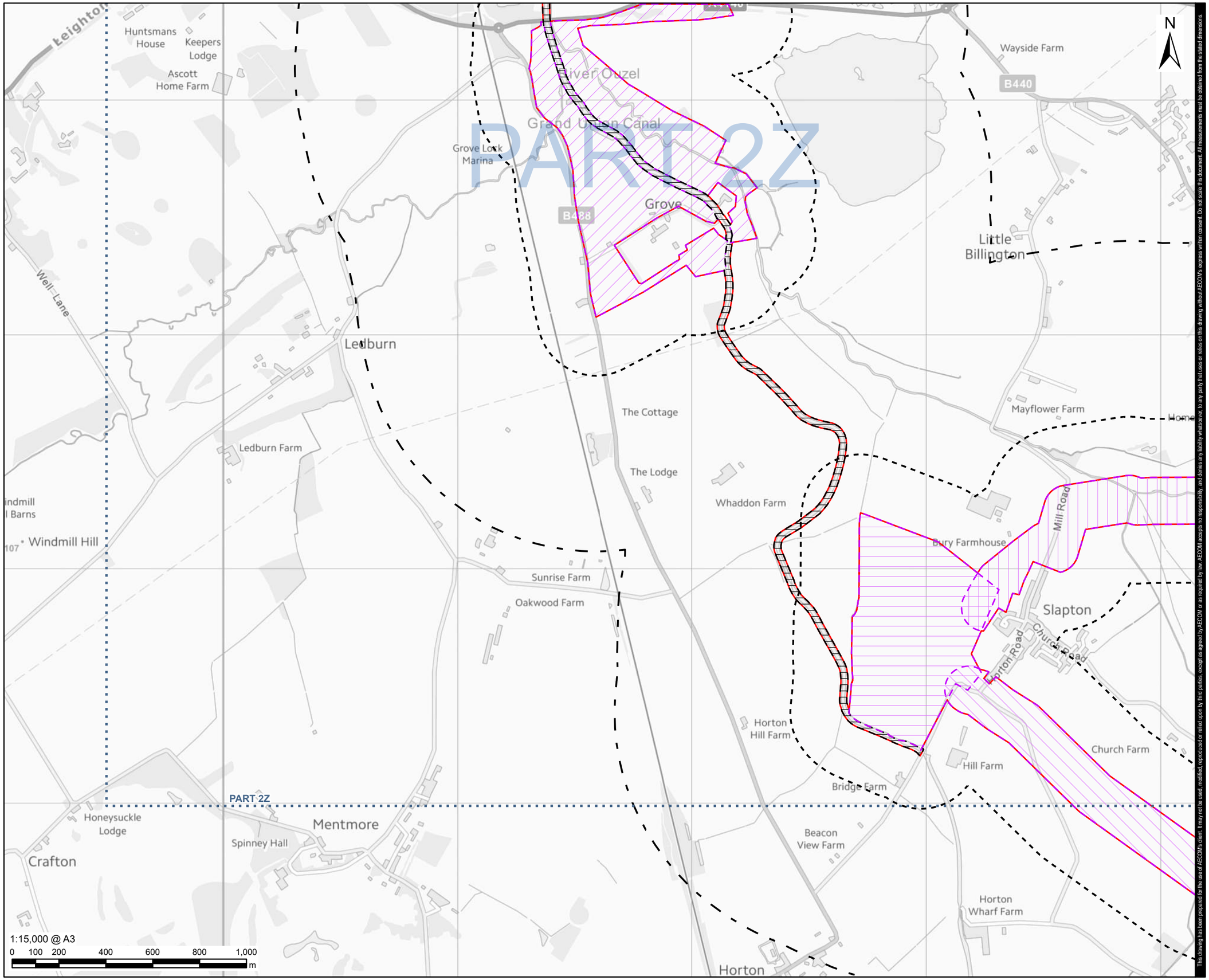
Parts 1-4 Ground Conditions Study Area Sheet AC

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Mlnworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4a - Site H
- Part 4b - SP5
- Part 4b - SP6
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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PROJECT NUMBER

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FIGURE TITLE

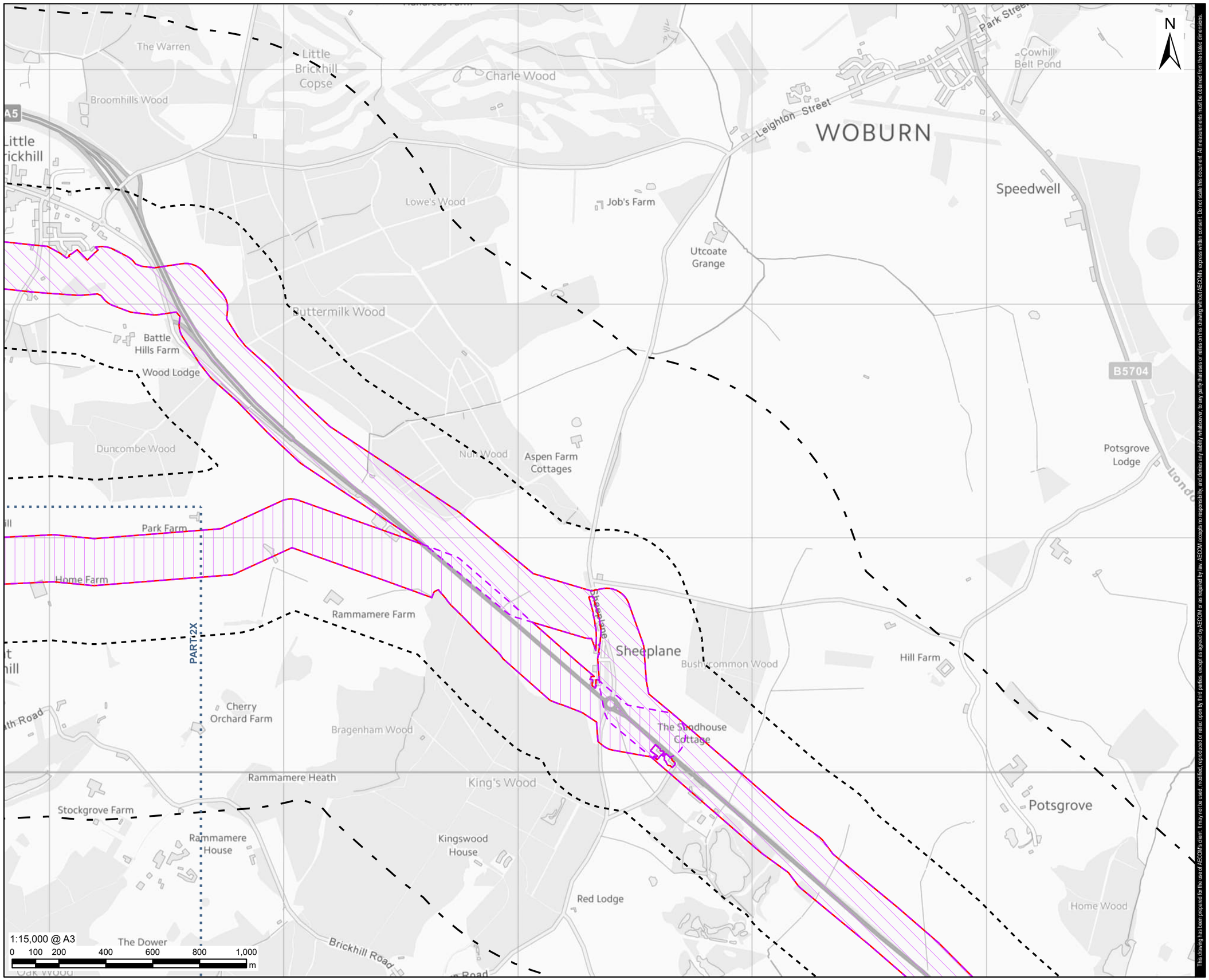
Parts 1-4 Ground Conditions Study Area Sheet AD

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Milnworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 4b - SP2
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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PROJECT NUMBER

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FIGURE TITLE

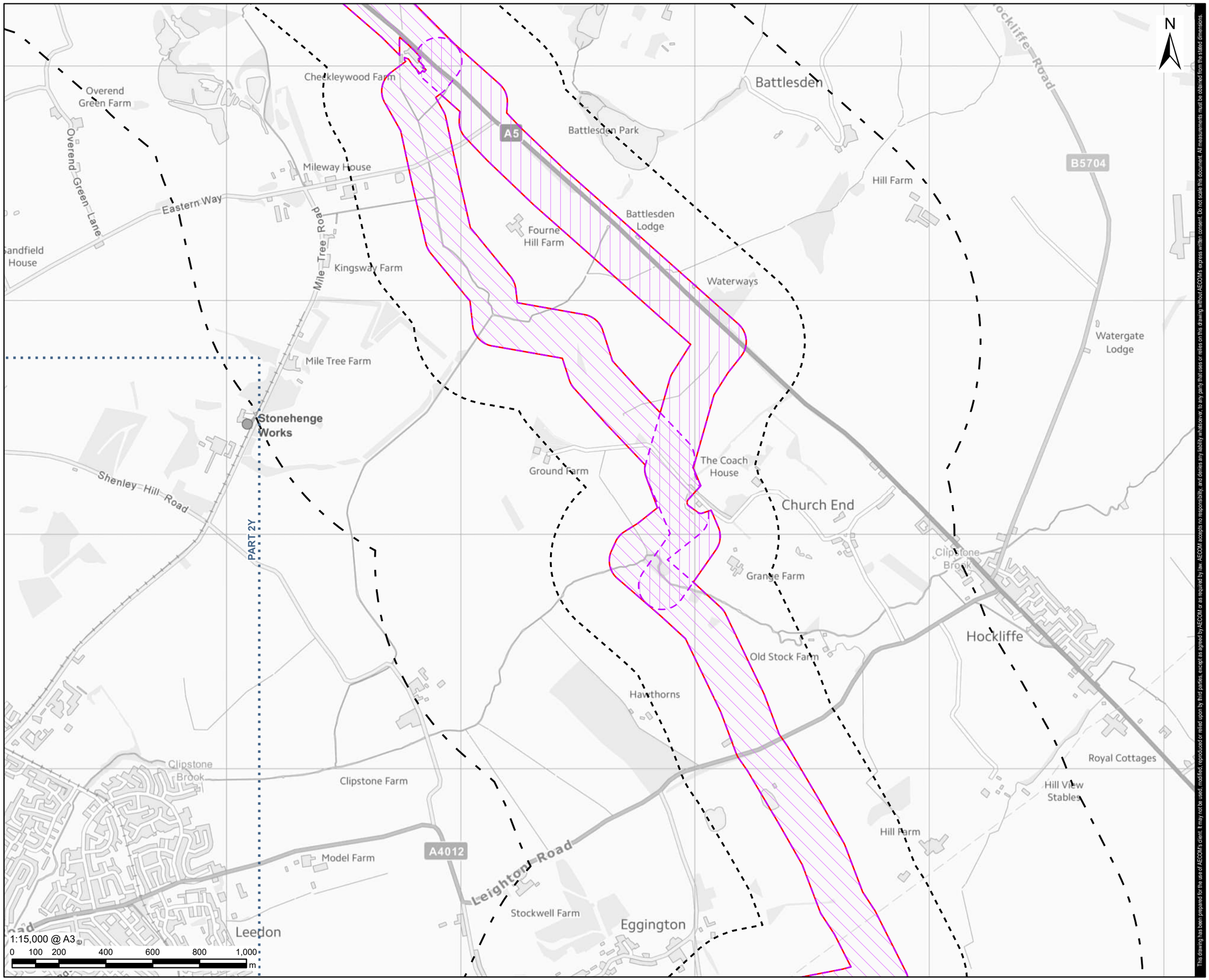
Parts 1-4 Ground Conditions Study Area Sheet AE

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 4b - SP2
- Part 4b - SP2B
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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ISSUE PURPOSE

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PROJECT NUMBER

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FIGURE TITLE

Parts 1-4 Ground Conditions Study Area
Sheet AF

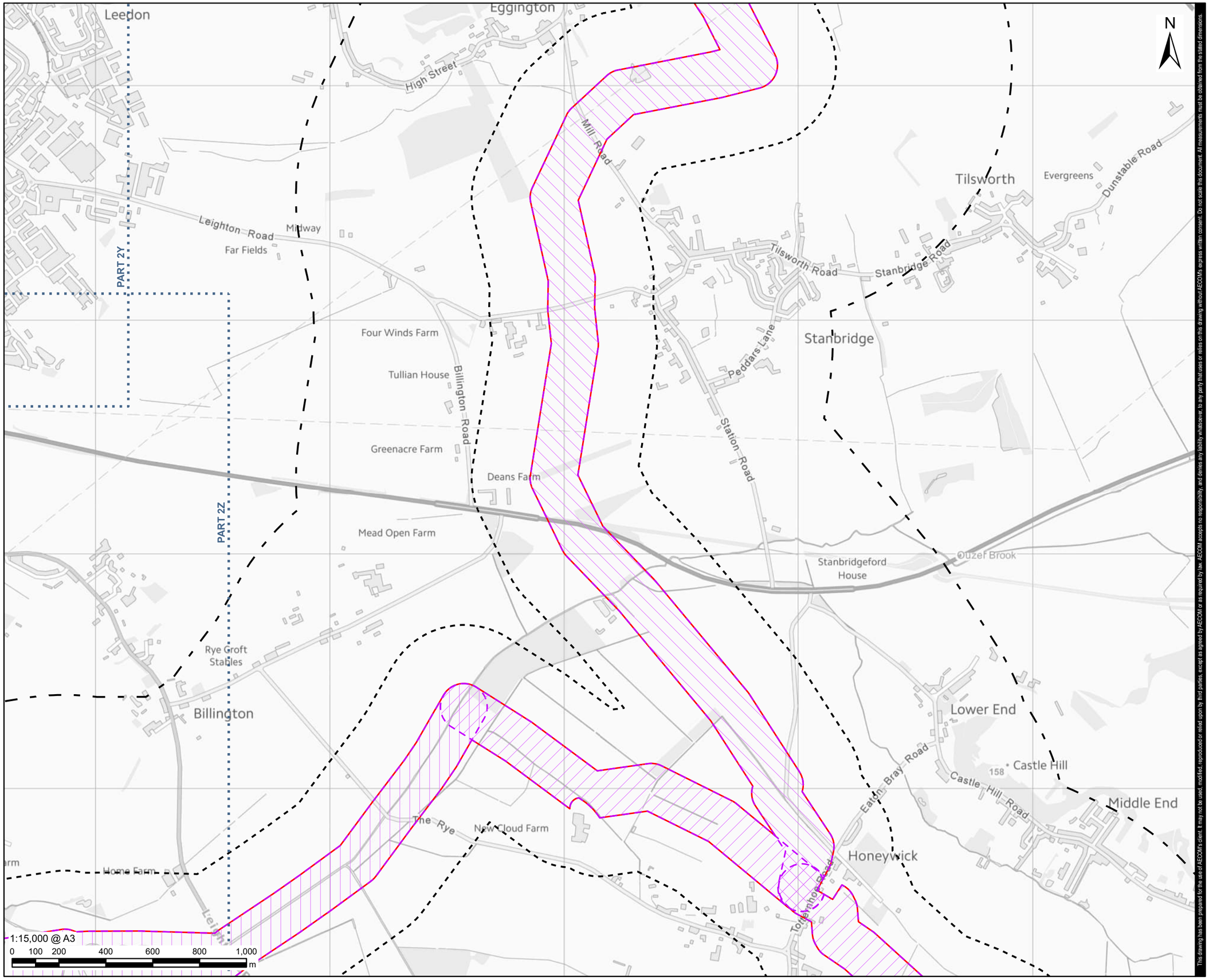
FIGURE NUMBER

Figure 14-1

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LEGEND

- Part 4b - SP2
- Part 4b - SP6
- Part 4b - SP7
- Part 4b - SP10
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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PROJECT NUMBER

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FIGURE TITLE

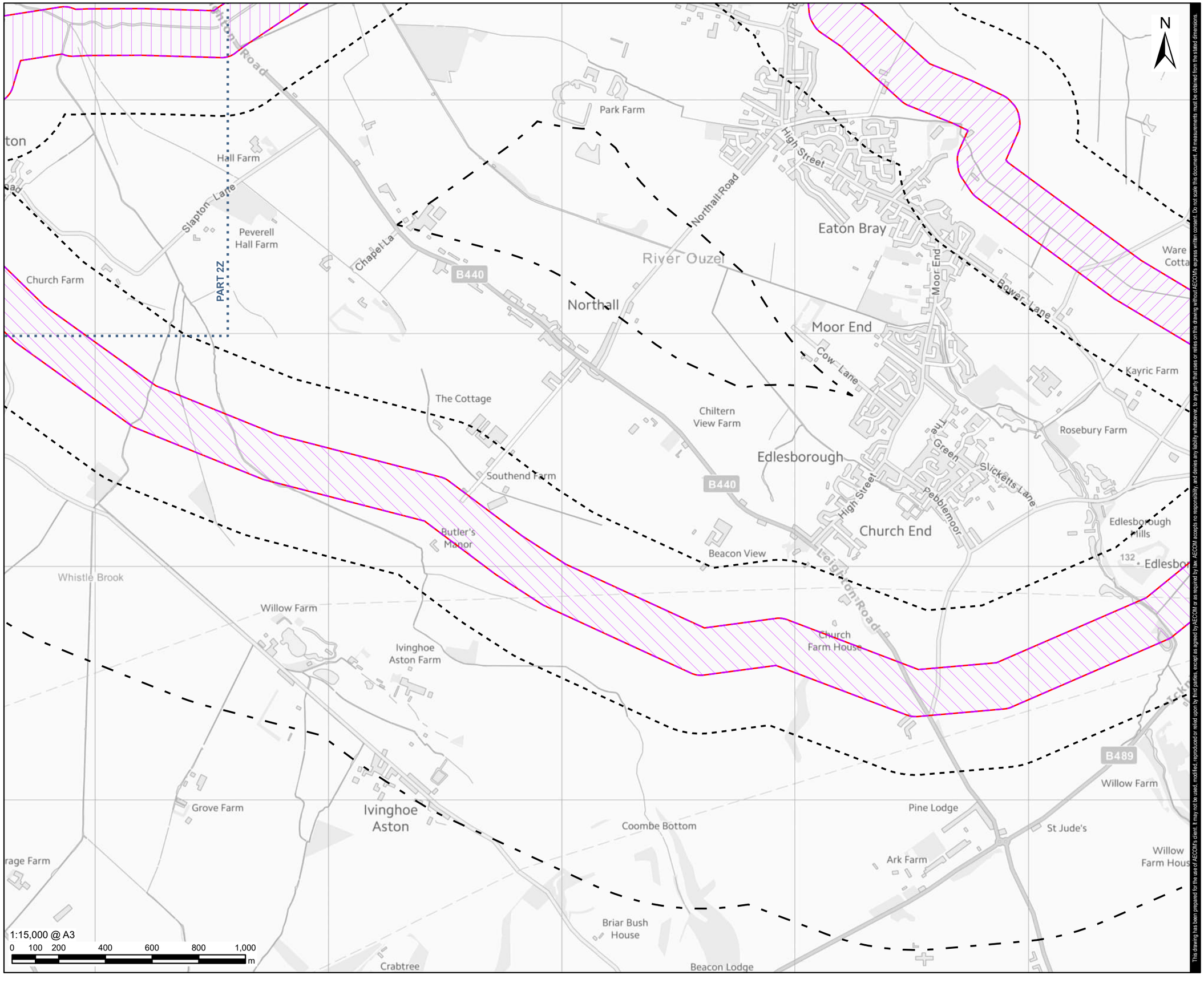
Parts 1-4 Ground Conditions Study Area Sheet AG

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Milnworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx



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LEGEND

- Part 4b - SP5
- Part 4b - SP6
- Part 4b - SP10
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

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FINAL

PROJECT NUMBER

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FIGURE TITLE

Parts 1-4 Ground Conditions Study Area
Sheet AH

FIGURE NUMBER

Figure 14-1

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Totternhoe
Dunstable Road
Totternhoe Road
Church End
Church Road
Well Head Road
Tring Road
B489
Whipsnade Road
Meadway
Langdale Road
California
White Rock House
B4541
Ware Hill Cottage
Doolittle Lodge
Well Head
B489
ic Farm
Norfolk House Farm
Shepherds Farm
Dunstable Downs Chilterns Gateway Centre
243 Dunstable Downs
Downs House
Isle Of Wight Lane
Isle Of Wight Farm
B4541
Harling Road
Harling Springs
Tring Road
Icknield Way Farm
Edlesborough Hill
Icknield Way
Dagnall Road
B4540
Valance End Farm
Chute Farm
Common Road
Hollick's Lane
Kensworth
232 Bison Hill
Whipsnade
Wentworth Cottage
B4540
Whipsnade Heath
Dove House Lane
Shortgrove Manor Farm
Churchend
Beech Road
Great Northern
High Street South
Garden Road
Oldhill
Stipers Hill
178
Stipers Hill
London Road
A5183
Downsi
Lowther Road
Rovers Way
West

N

1:15,000 @ A3
0 100 200 400 600 800 1,000 m

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LEGEND

- Part 4b - SP5
- Part 4b - SP10
- Part 4b - SP10A
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

1. These plans show the EIA Scoping Boundary which has been adopted for the purposes of seeking input as to how the environmental assessment of the Proposed Development will be carried out. Inclusion in this EIA Scoping Boundary does not mean that any feature or individual building is anticipated to be affected by physical works, please see the project description for detail.
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FIGURE TITLE

Parts 1-4 Ground Conditions Study Area
Sheet AI

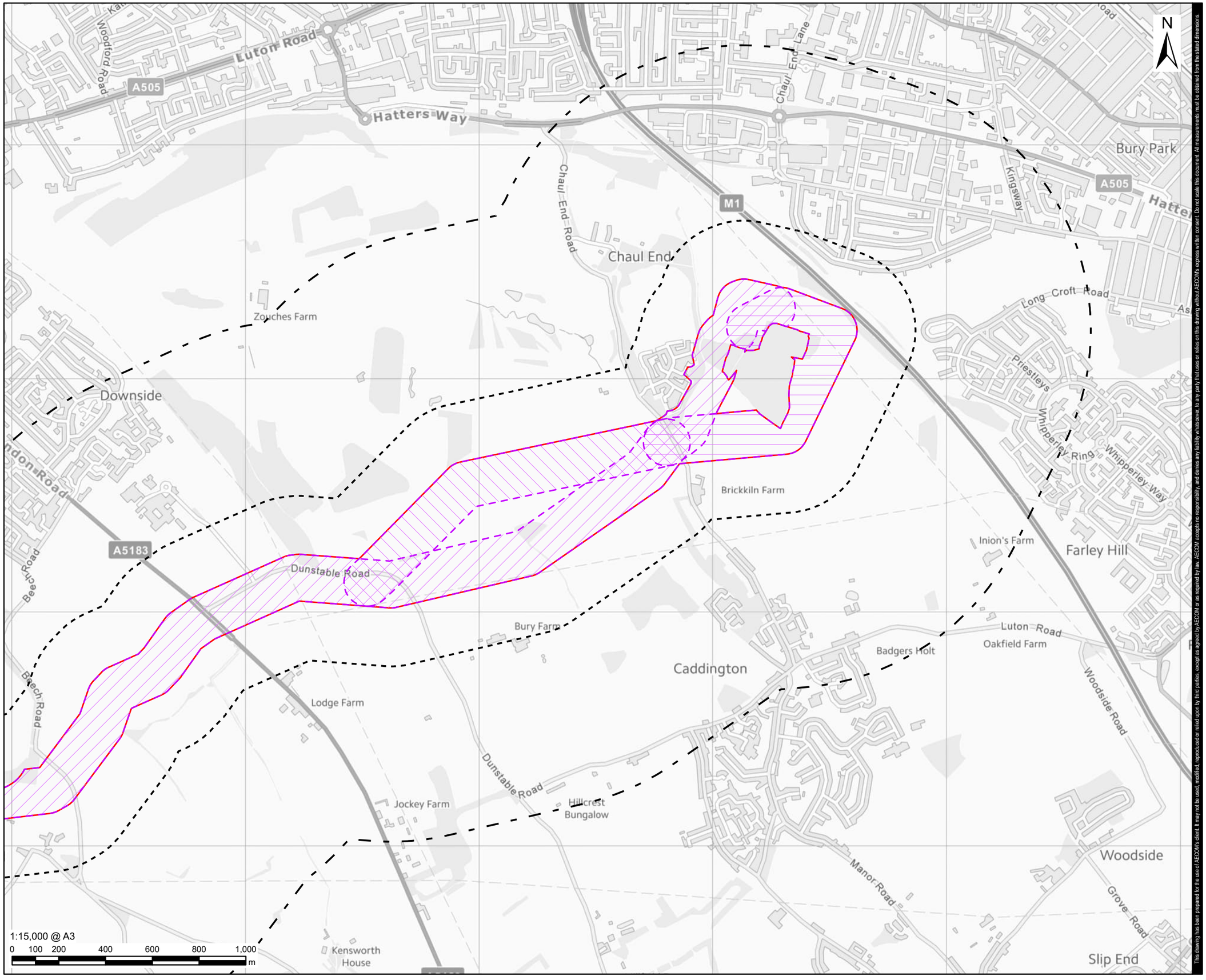
FIGURE NUMBER

Figure 14-1

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_1_Ground_Conditions_Study_Area.aprx

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 4b - SP10
- Part 4b - SP10B
- Part 4b - SP10C
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- 1km Study Area for Higher Permeability Aquifers (e.g. Principal Aquifers and SPZs)
- EIA Scoping Boundary

NOTES

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FIGURE TITLE

Parts 1-4 Ground Conditions Study Area Sheet AJ

FIGURE NUMBER

Figure 14-1

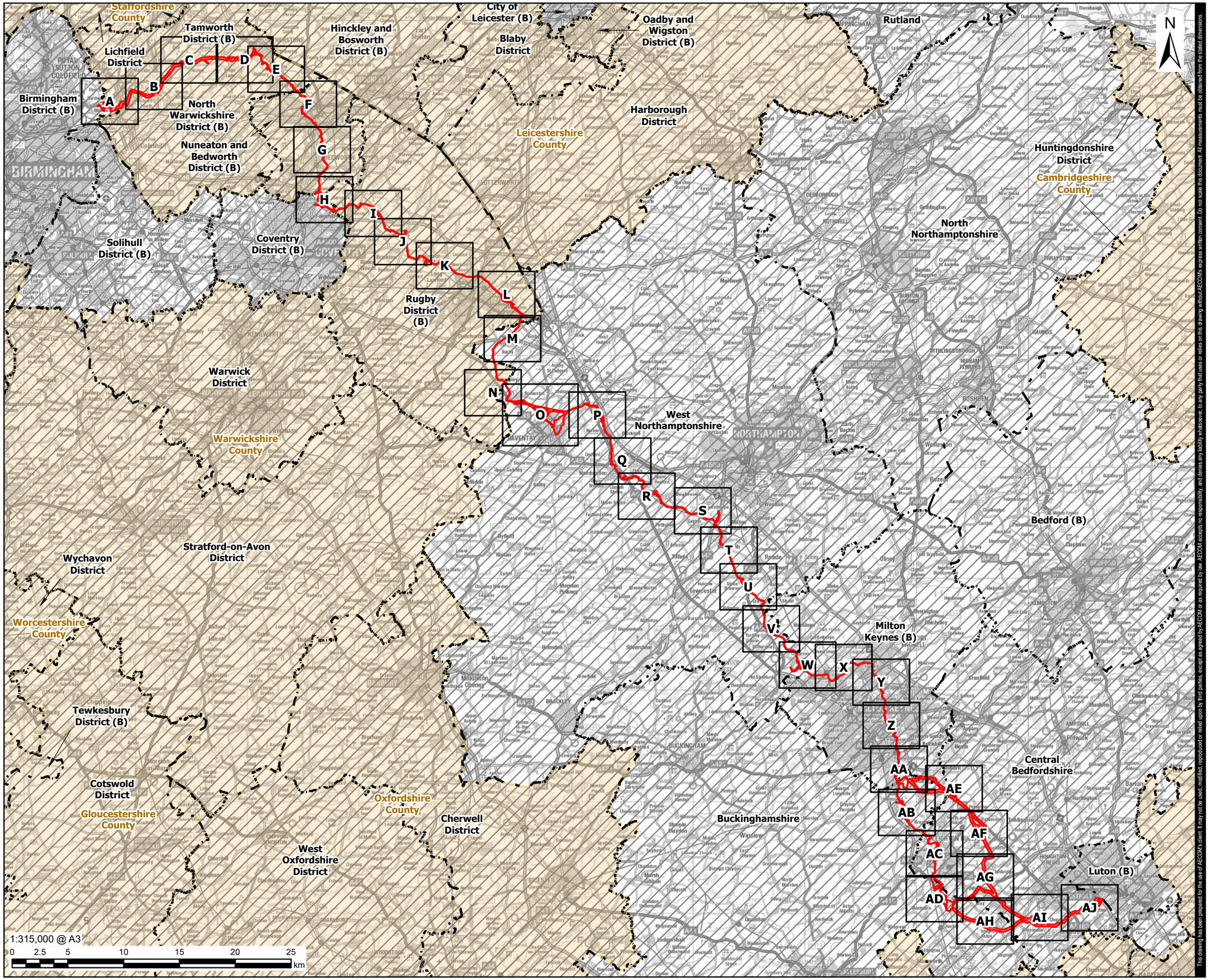
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Figure 14-2: Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground

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LEGEND

- EIA Scoping Boundary
- District Boundary
- County Boundary
- Figure Extent

NOTES

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2. Study areas are based on Parts 1a, 1b, 2 (Indicative Work Area), 3, 4a and 4b EIA Scoping Boundaries. Part 2 (Indicative Non-Work Area) EIA Scoping Boundary is excluded as no physical works are proposed.
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FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Overview

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 1a
- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, DEVENSIAN - SAND AND GRAVEL
- GLACIOLACUSTRINE DEPOSITS - CLAY AND SILT
- HEAD - CLAY, SILT, SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL

NOTES

1. These plans show the EIA Scoping Boundary which has been adopted for the purposes of seeking input as to how the environmental assessment of the Proposed Development will be carried out. Inclusion in this EIA Scoping Boundary does not mean that any feature or individual building is anticipated to be affected by physical works, please see the project description for detail.
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FIGURE TITLE

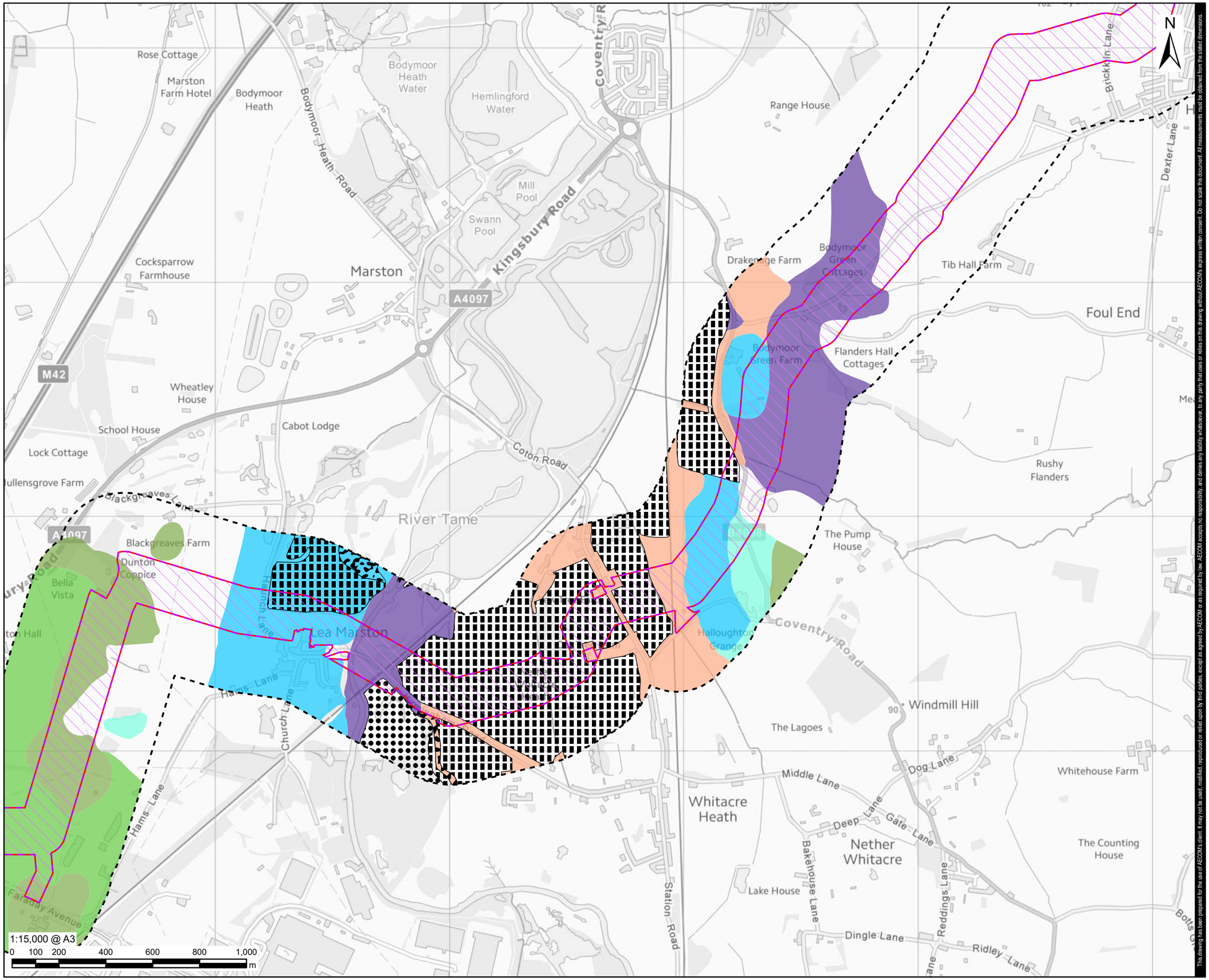
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet A

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT
- WORKED GROUND (UNDIVIDED) - VOID

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, DEVENSIAN - SAND AND GRAVEL
- GLACIOLACUSTRINE DEPOSITS - CLAY AND SILT
- HEAD - CLAY, SILT, SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL

NOTES

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FIGURE TITLE

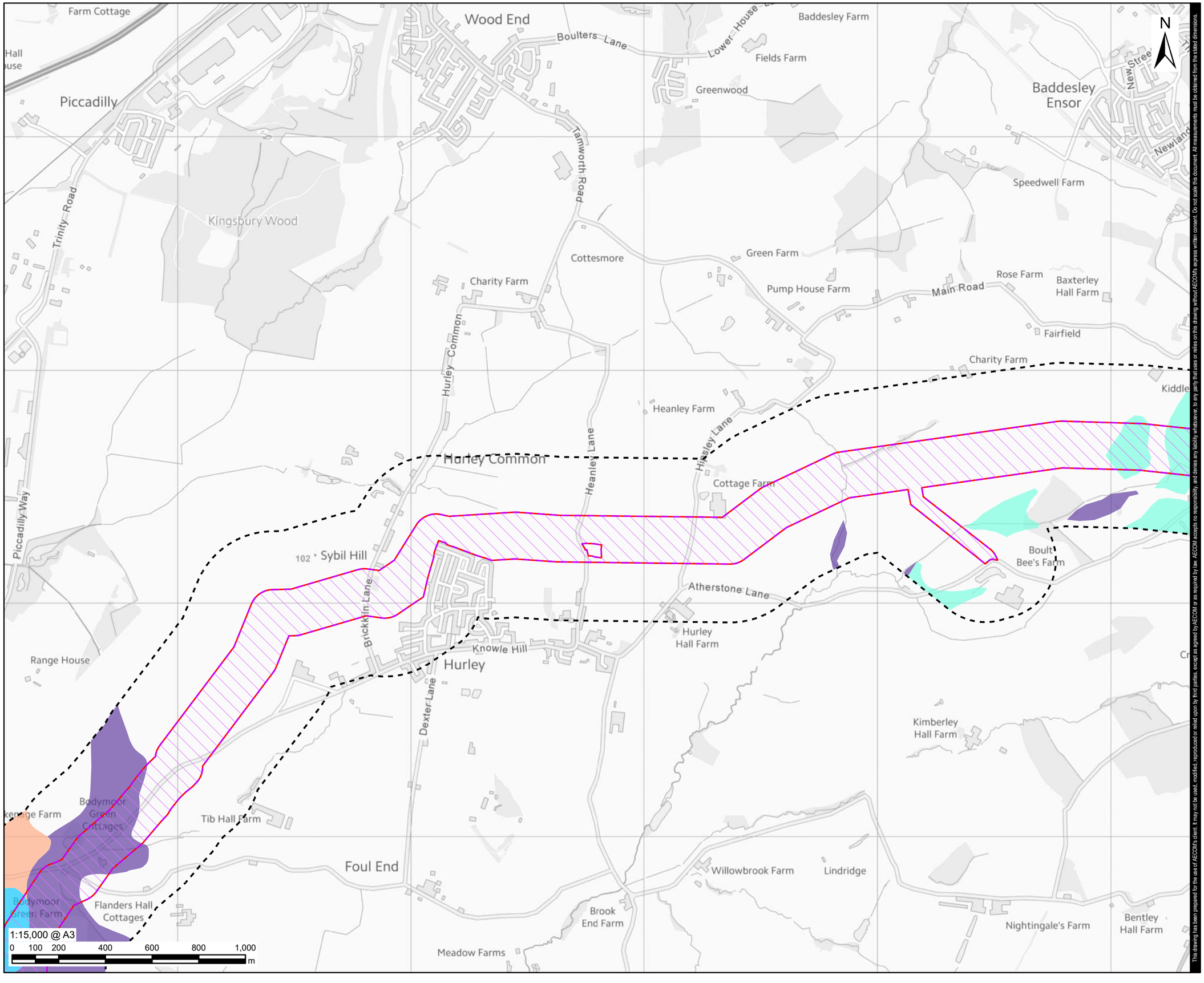
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet B

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL

NOTES

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FIGURE TITLE

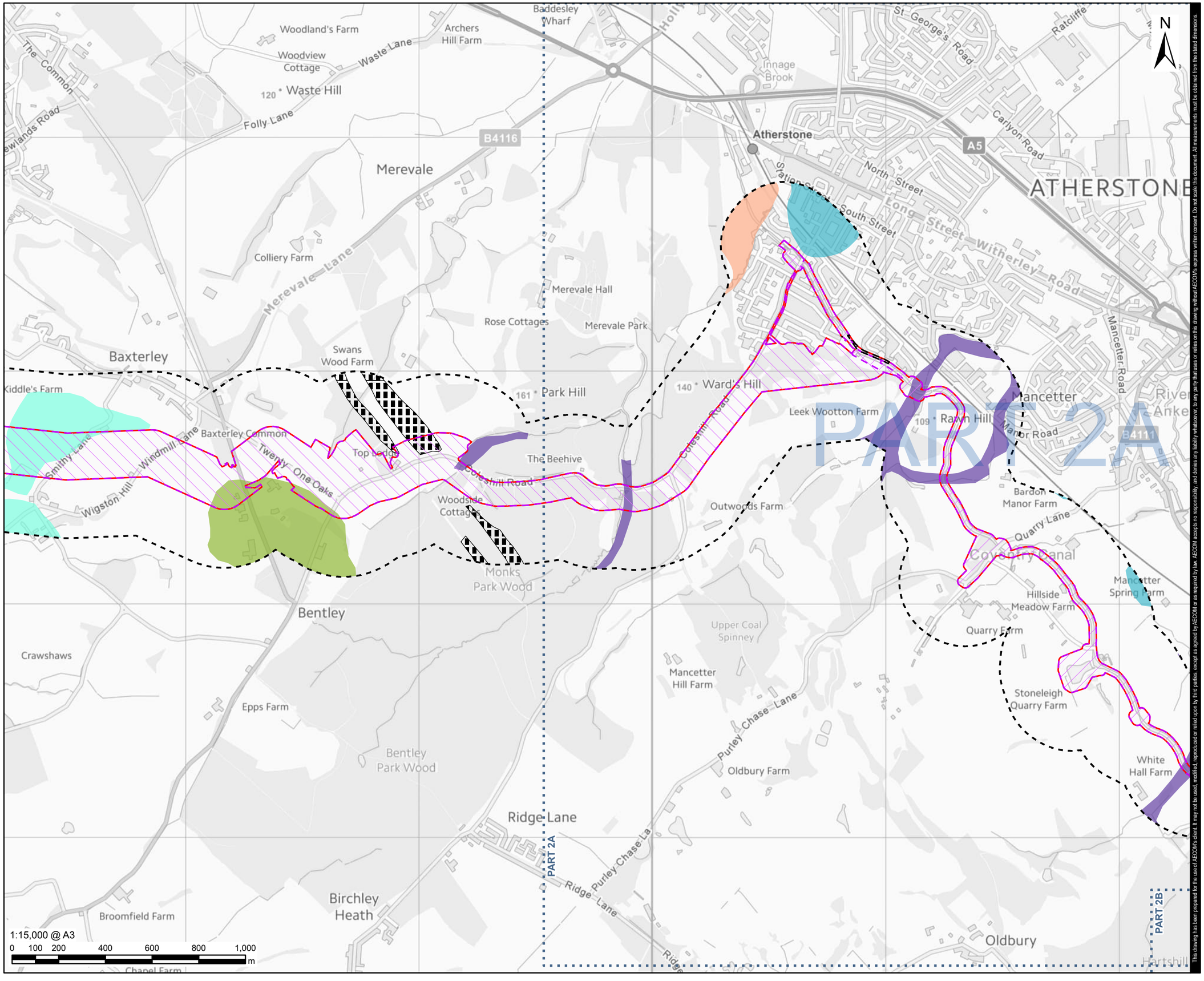
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet C

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 1b
- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- ANKER SAND AND GRAVEL - SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- THRUSSINGTON MEMBER - DIAMICTON

NOTES

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FIGURE TITLE

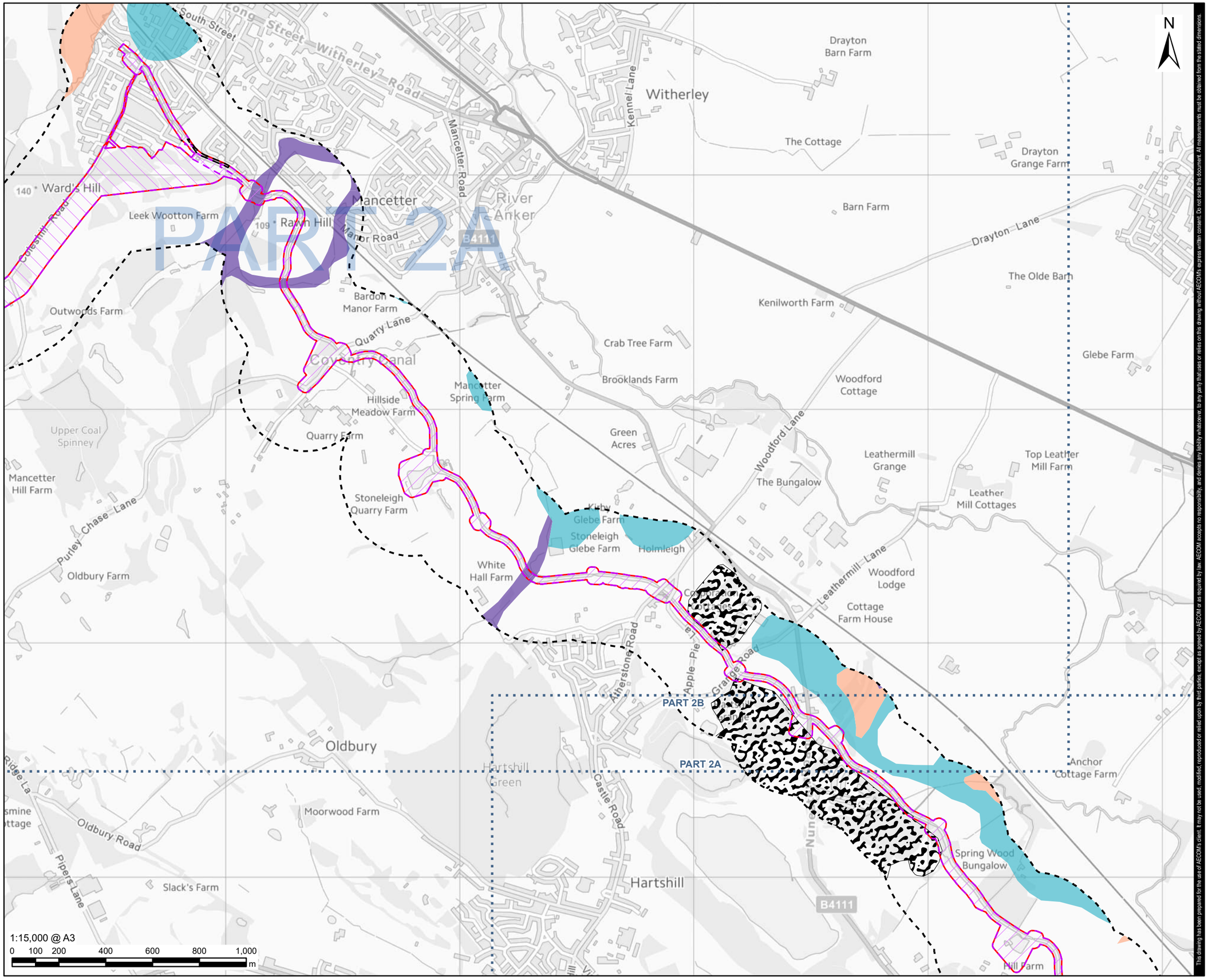
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet D

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 1b
- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- ANKER SAND AND GRAVEL - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL

NOTES

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FIGURE TITLE

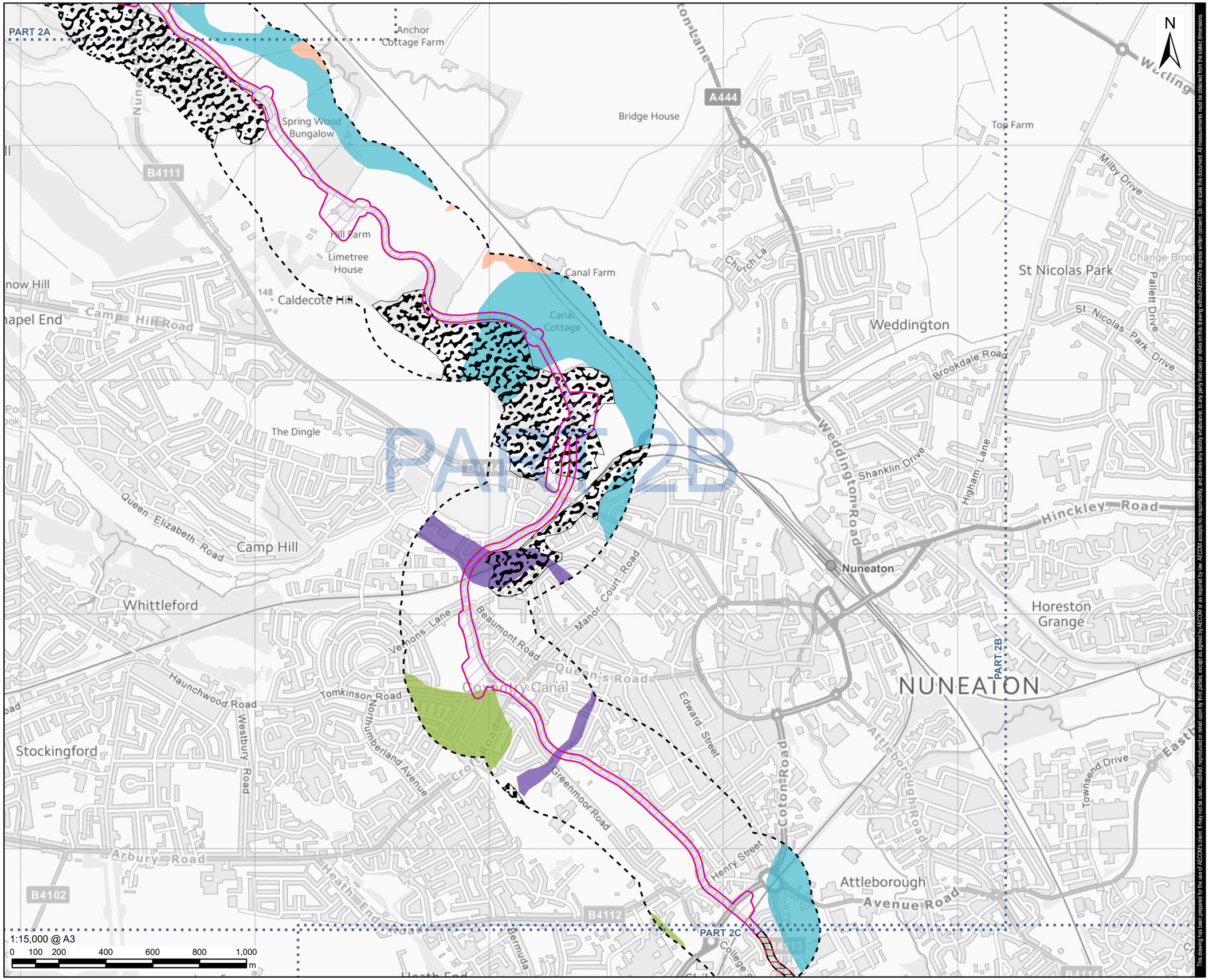
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet E

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- ANKER SAND AND GRAVEL - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- THRUSSINGTON MEMBER - DIAMICTON

NOTES

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FIGURE TITLE

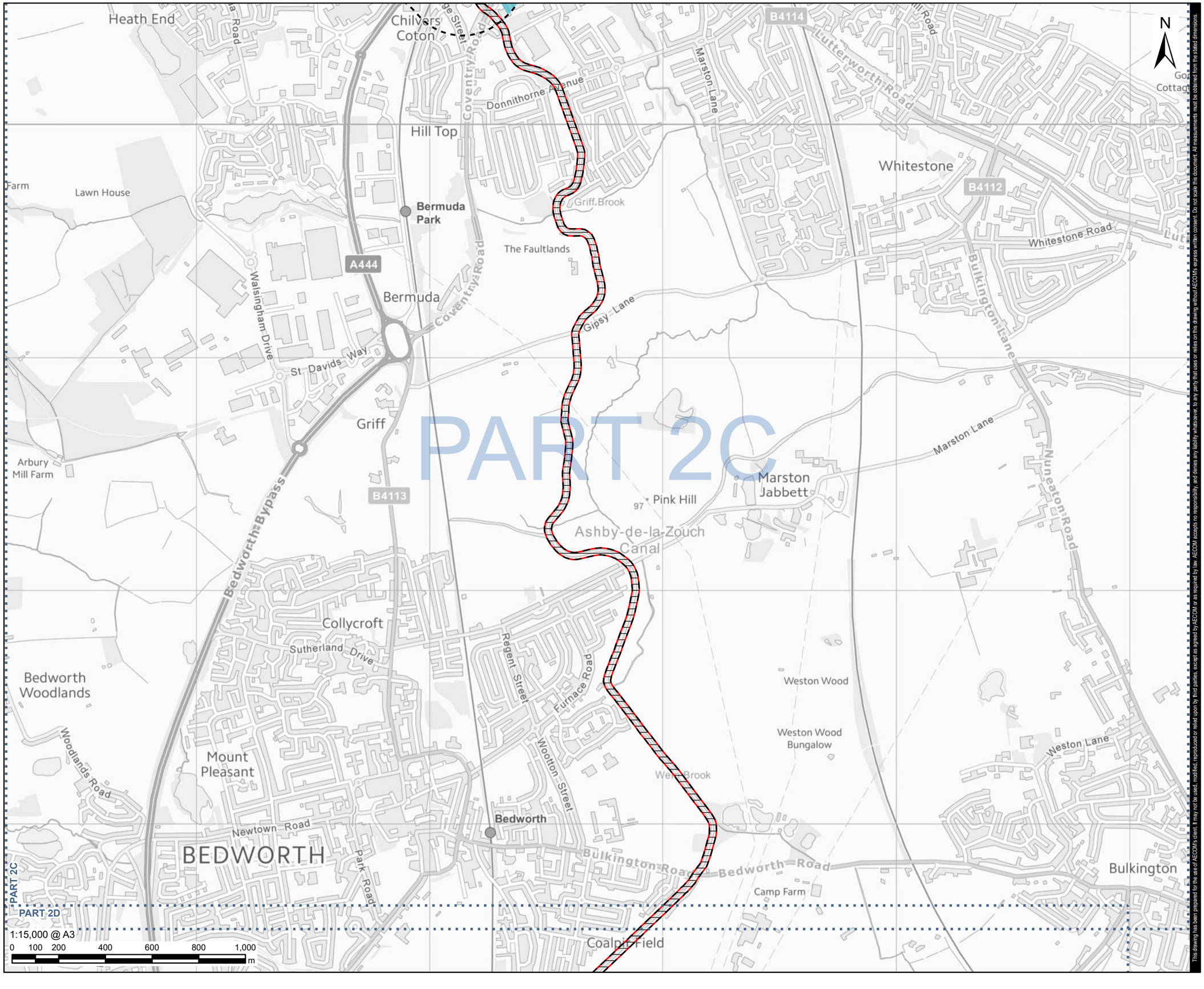
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet F

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ANKER SAND AND GRAVEL - SAND AND GRAVEL

NOTES

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FIGURE TITLE

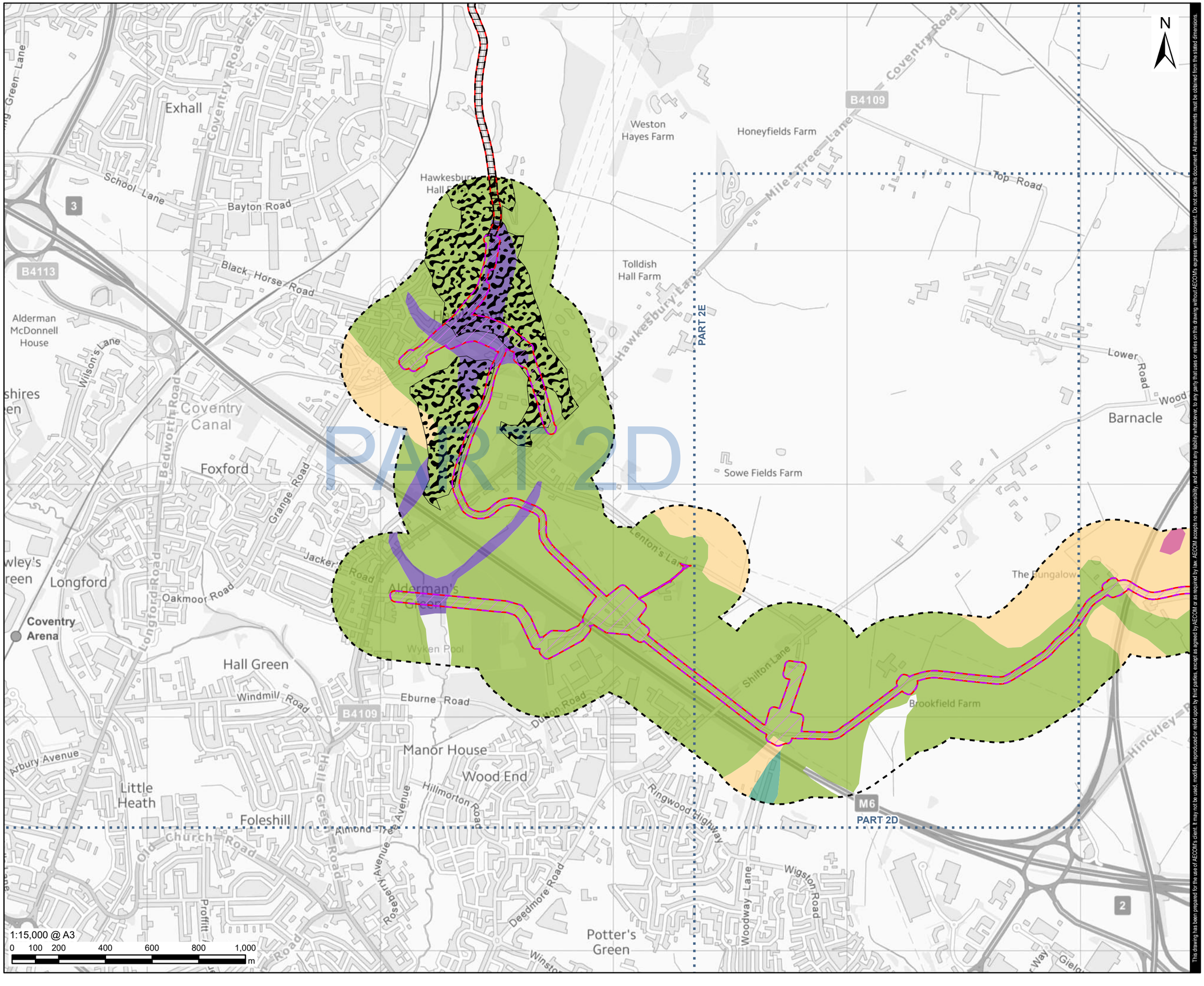
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet G

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- BOSWORTH CLAY MEMBER - CLAY AND SILT
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- THRUSSINGTON MEMBER - DIAMICTON

NOTES

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FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet H

FIGURE NUMBER

Figure 14-2

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Affinity Water, Severn Trent Water and Canal & River Trust

CONSULTANT

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Midpoint,
Alencon Link
Basingstoke, RG21 7PP
www.aecom.com

LEGEND

- Part 2 - Indicative Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- BOSWORTH CLAY MEMBER - CLAY AND SILT
- OADBY MEMBER - DIAMICTON
- THRUSSINGTON MEMBER - DIAMICTON
- WOLSTON SAND AND GRAVEL - SAND AND GRAVEL

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

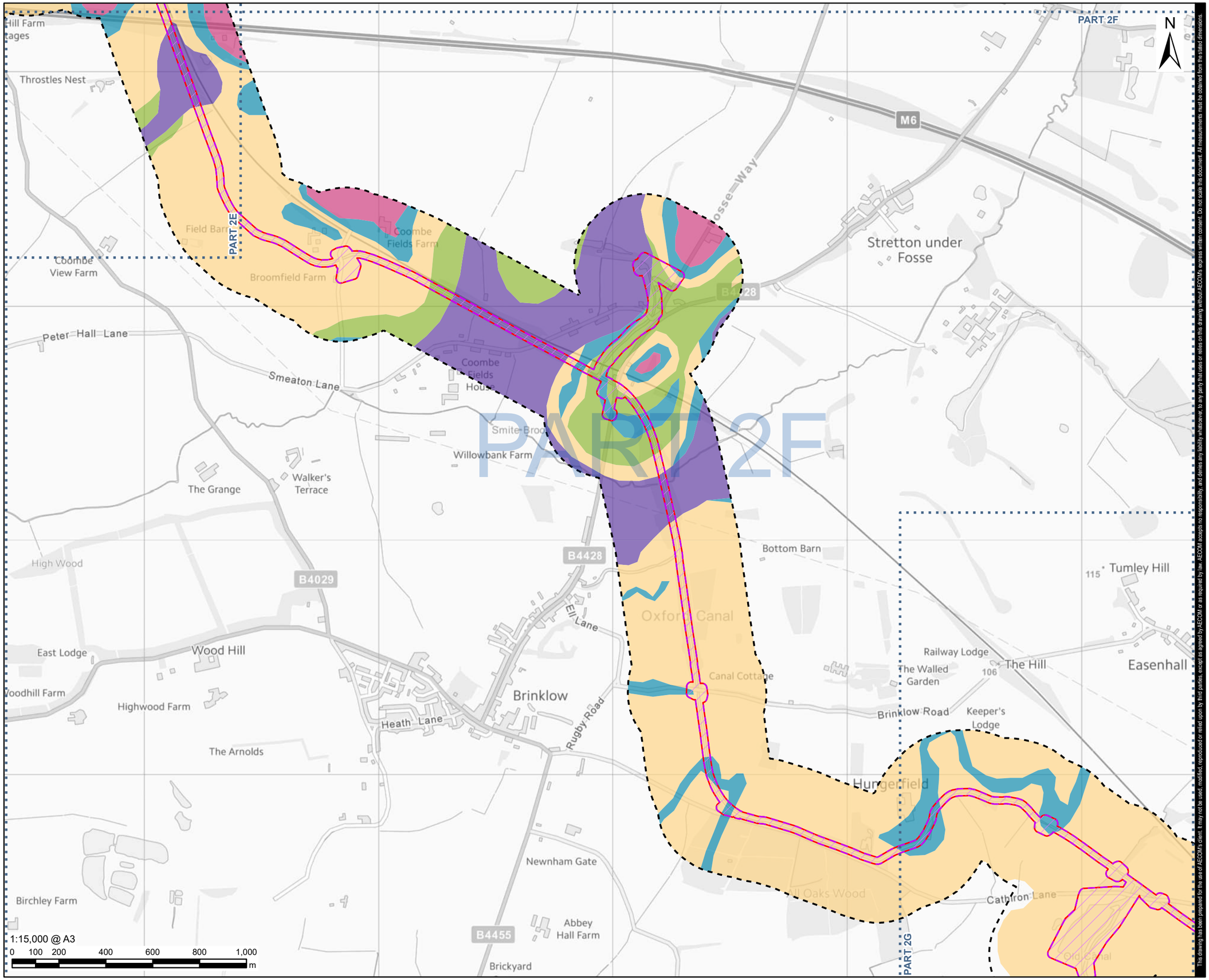
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet I

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_2_Superficial_Geology_and_Artificial_Ground.aprx



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LEGEND

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- Part 2 Areas
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- EIA Scoping Boundary

Superficial Geology

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- BOSWORTH CLAY MEMBER - CLAY AND SILT
- OADBY MEMBER - DIAMICTON
- THRUSSINGTON MEMBER - DIAMICTON
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ISSUE PURPOSE

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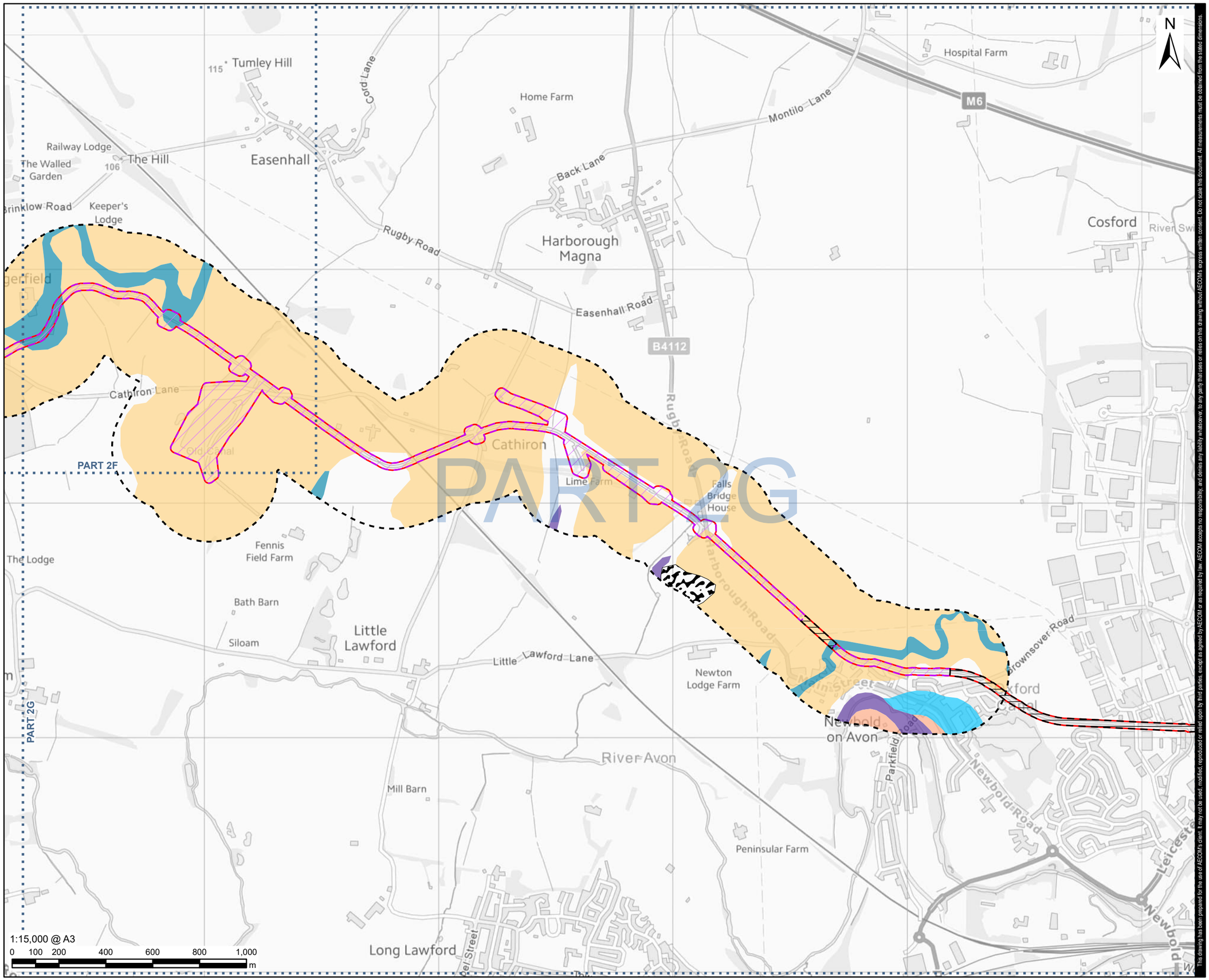
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet J

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- BOSWORTH CLAY MEMBER - CLAY AND SILT
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL
- WOLSTON SAND AND GRAVEL - SAND AND GRAVEL

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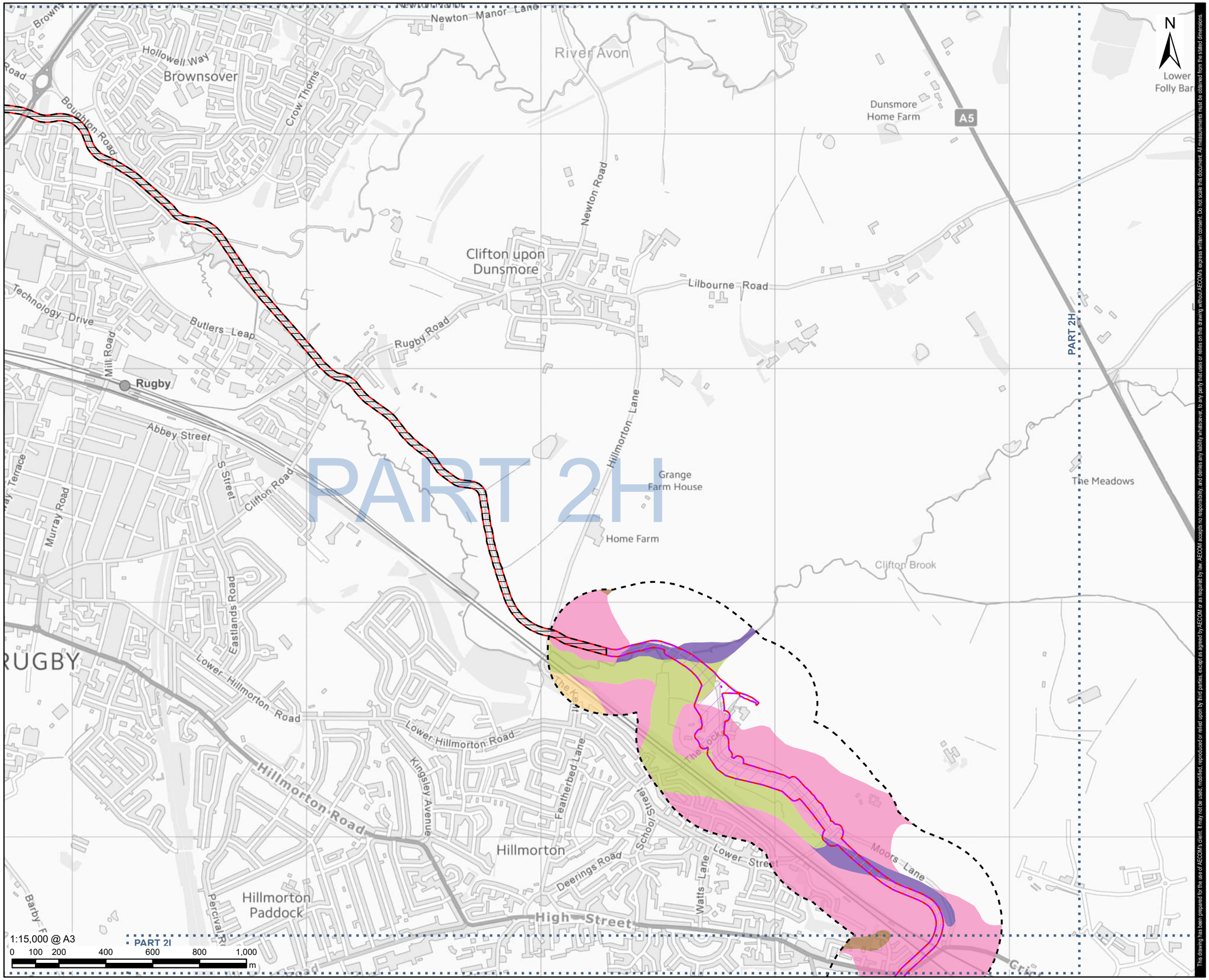
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet K

FIGURE NUMBER

Figure 14-2

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LEGEND

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- Part 2 Areas
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- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- BOSWORTH CLAY MEMBER - CLAY AND SILT
- DUNSMORE GRAVEL - SAND AND GRAVEL
- HILLMORTON SAND - SAND
- PEAT - PEAT

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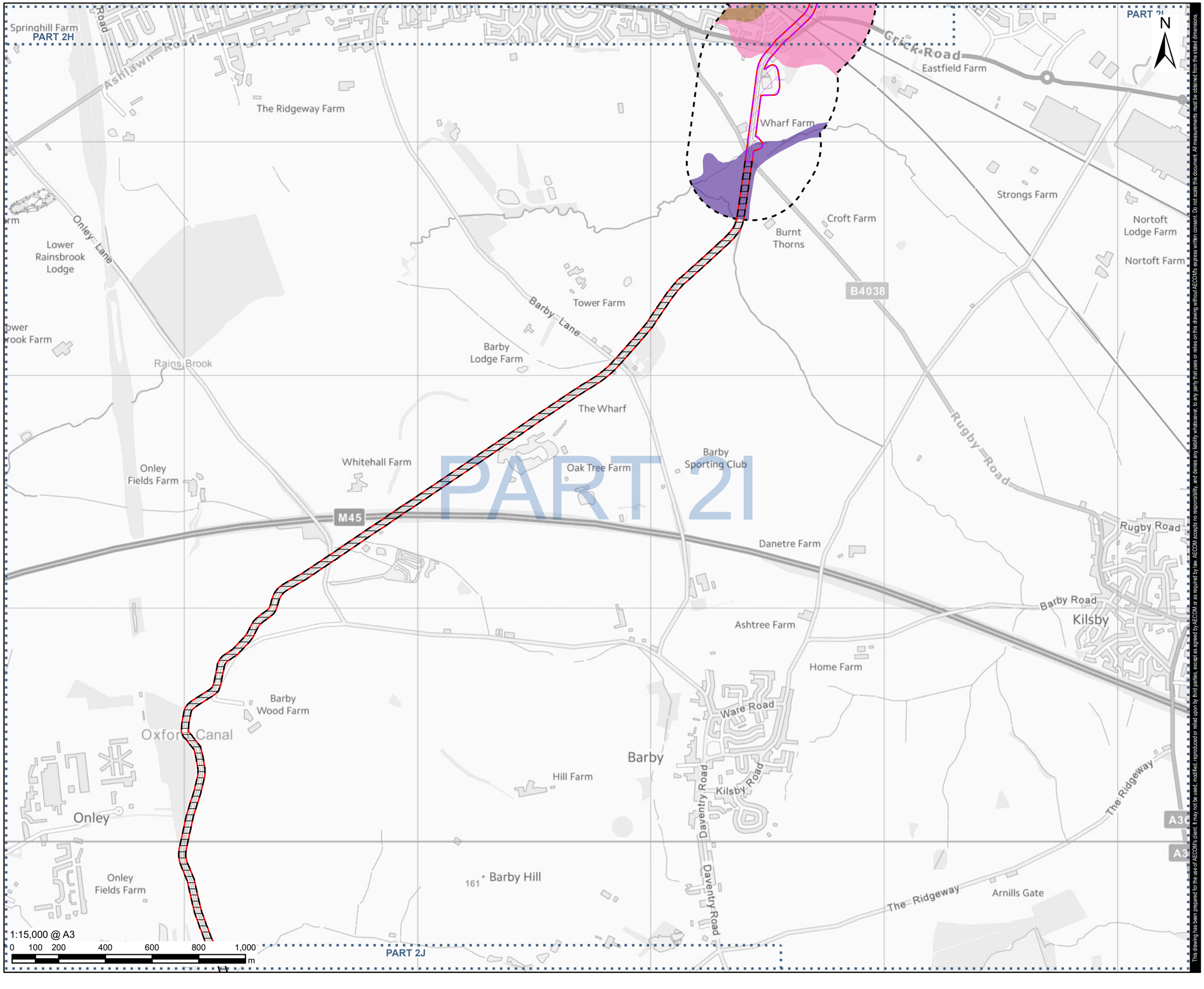
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet L

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- DUNSMORE GRAVEL - SAND AND GRAVEL
- HILLMORTON SAND - SAND

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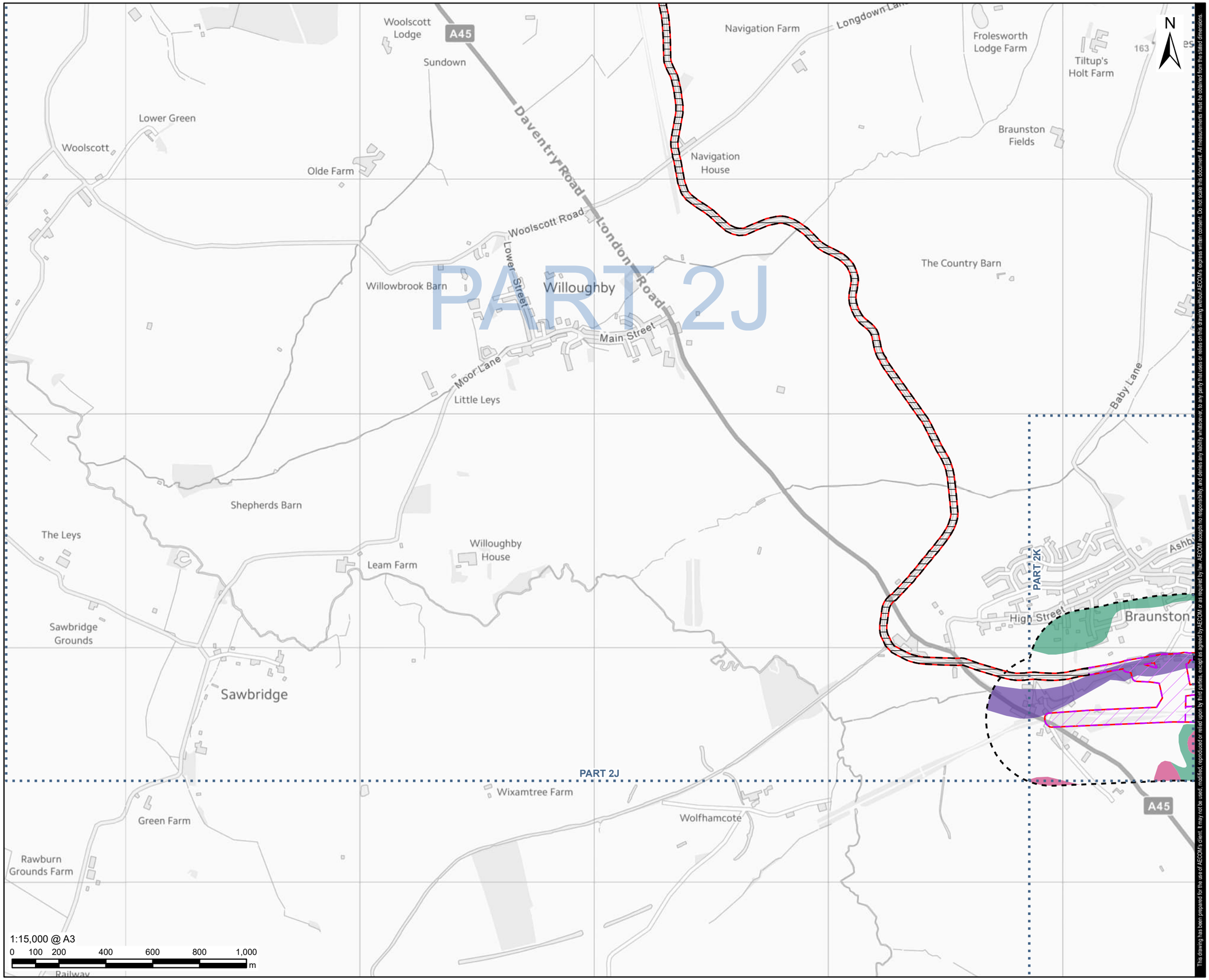
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FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet M

FIGURE NUMBER

Figure 14-2



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 3
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON

NOTES

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ISSUE PURPOSE

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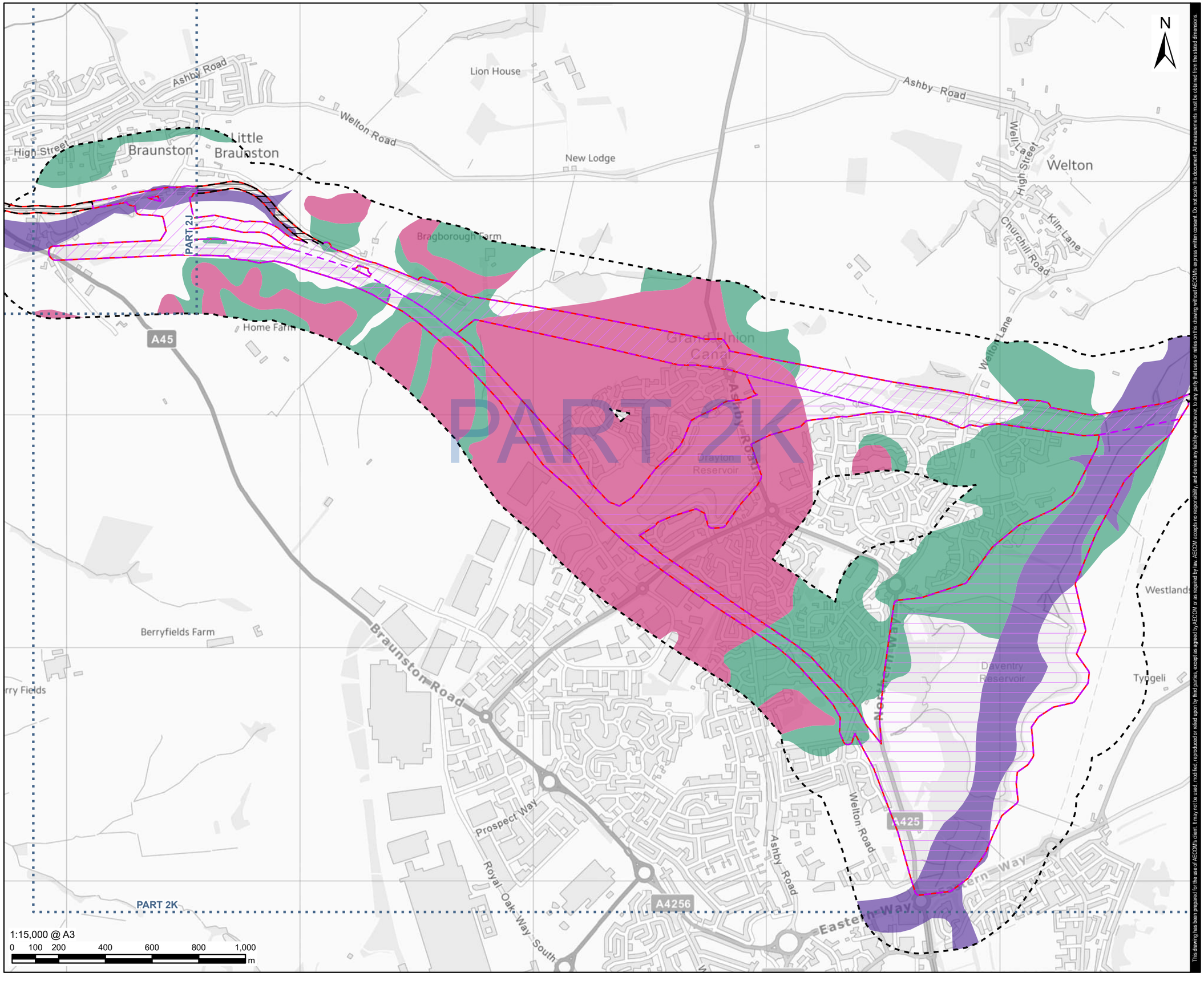
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet N

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 3
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON

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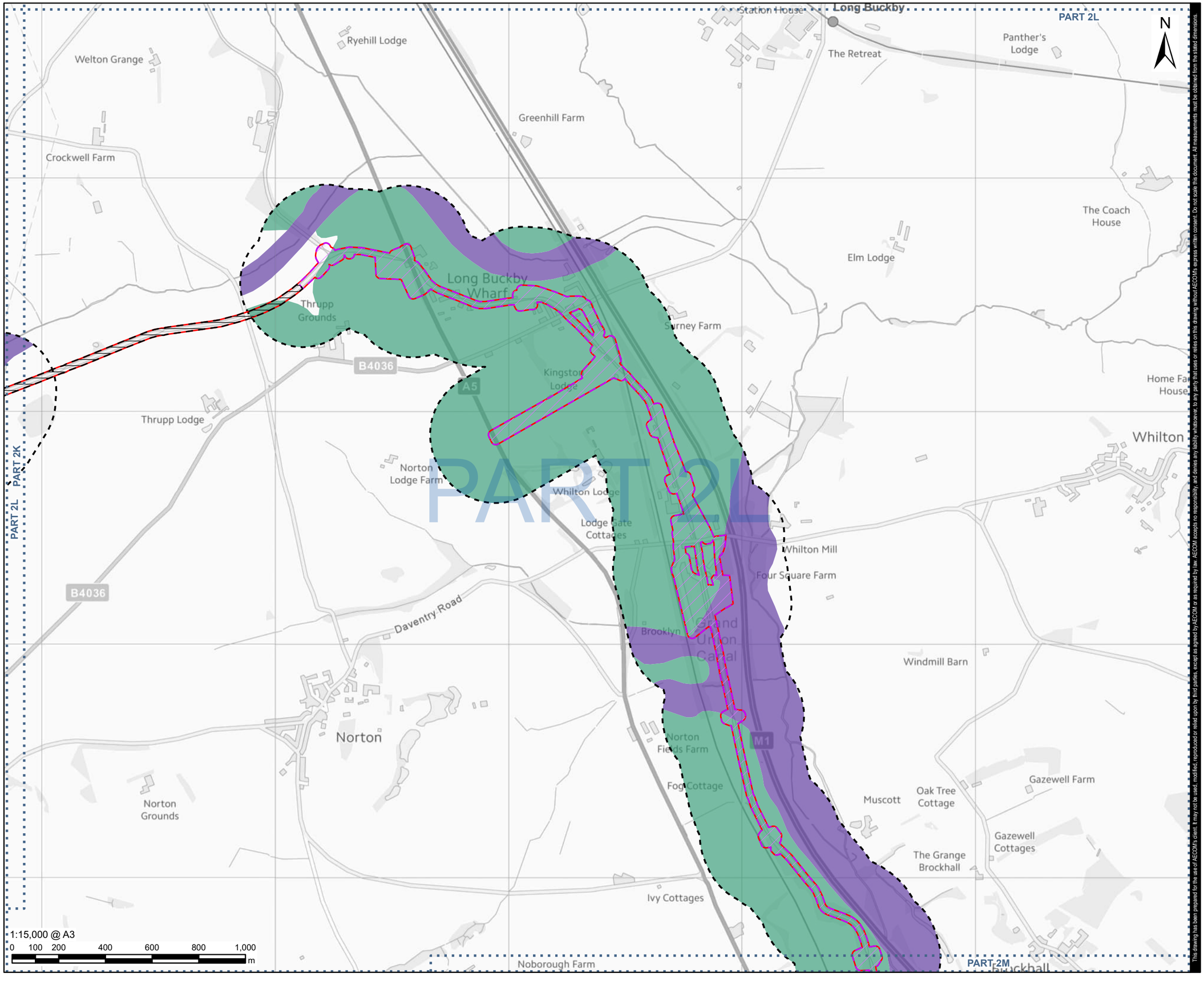
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet O

FIGURE NUMBER

Figure 14-2

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LEGEND

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- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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Superficial Geology

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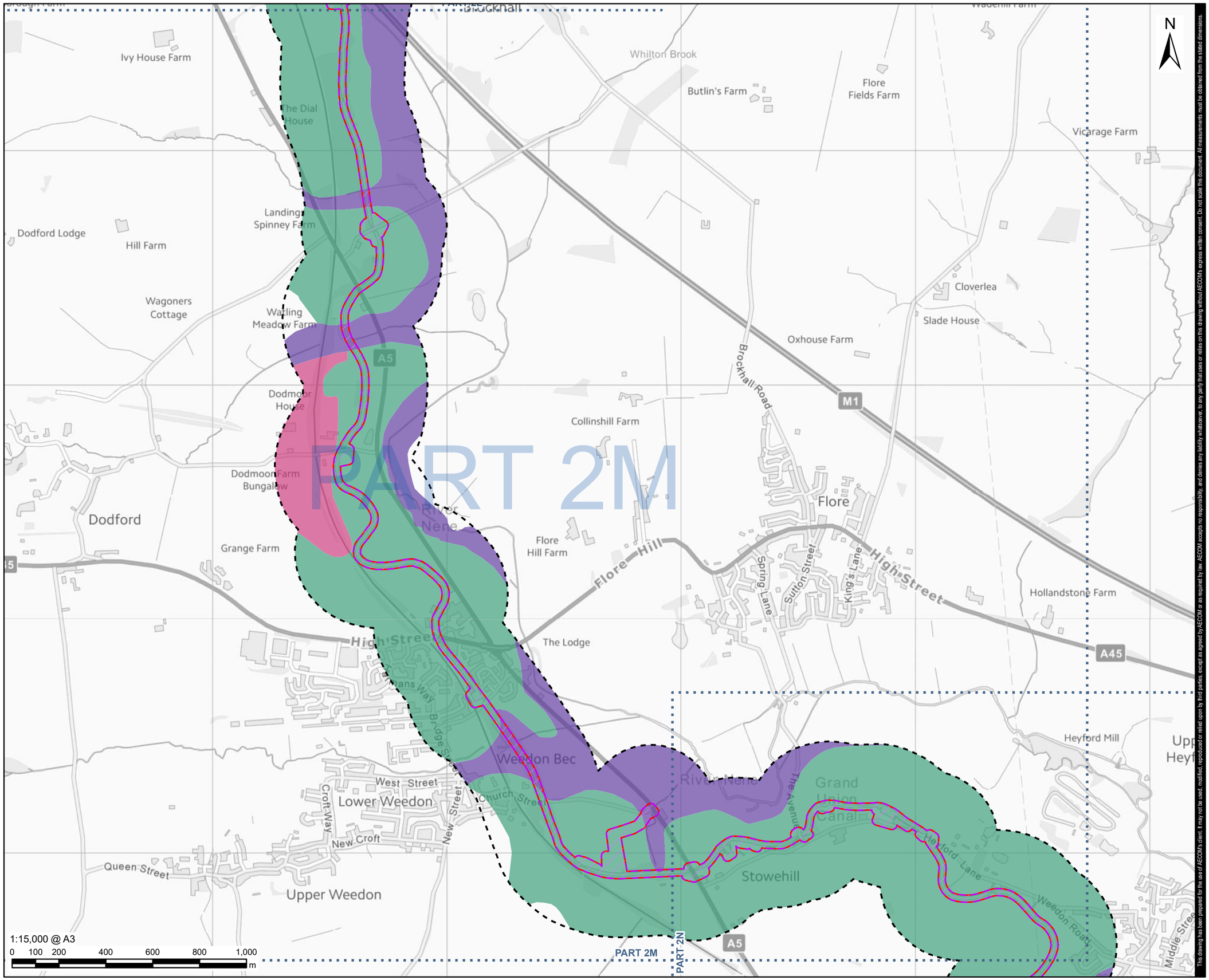
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet P

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
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- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON

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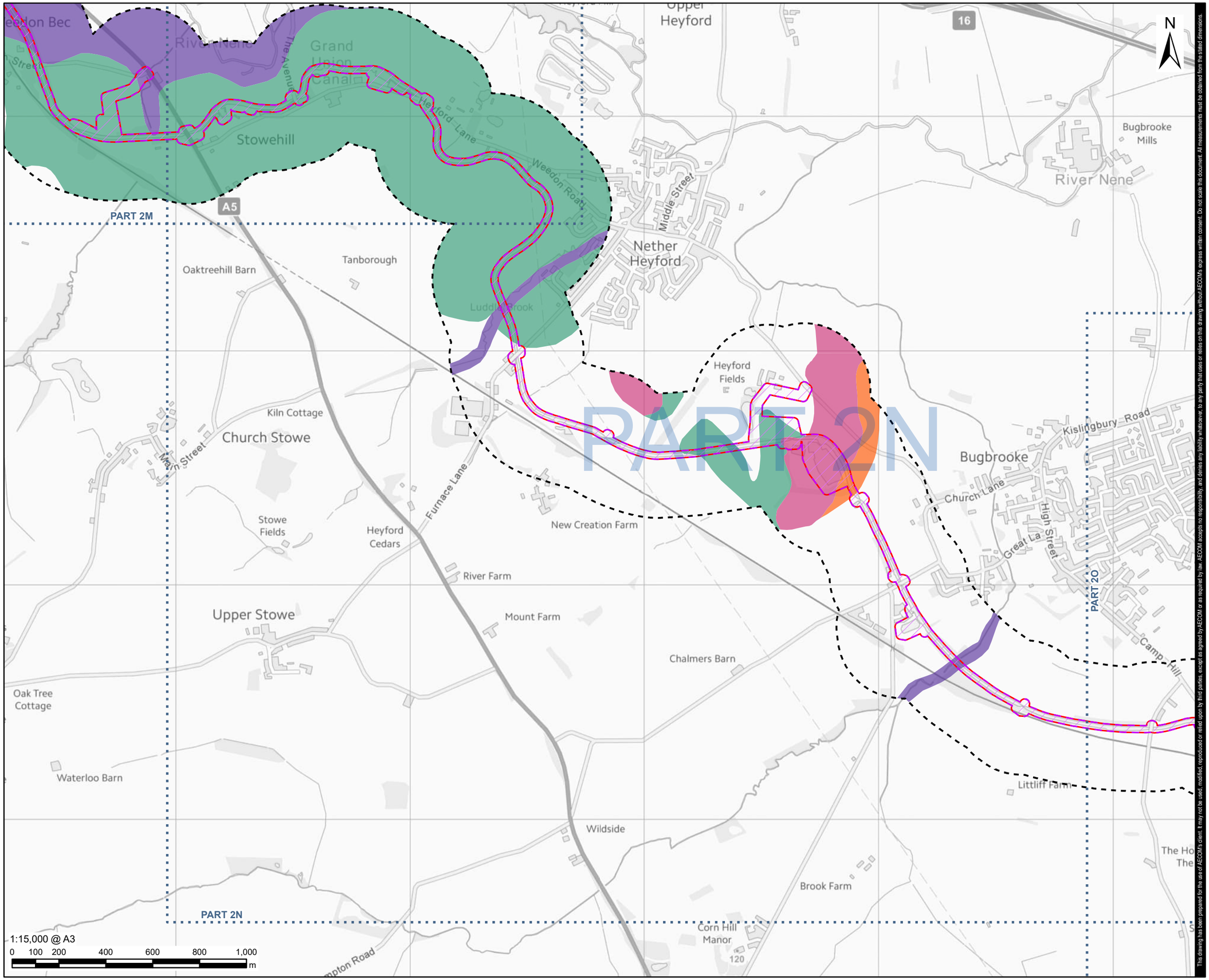
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet Q

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

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Superficial Geology

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- GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE - CLAY AND SILT
- OADBY MEMBER - DIAMICTON

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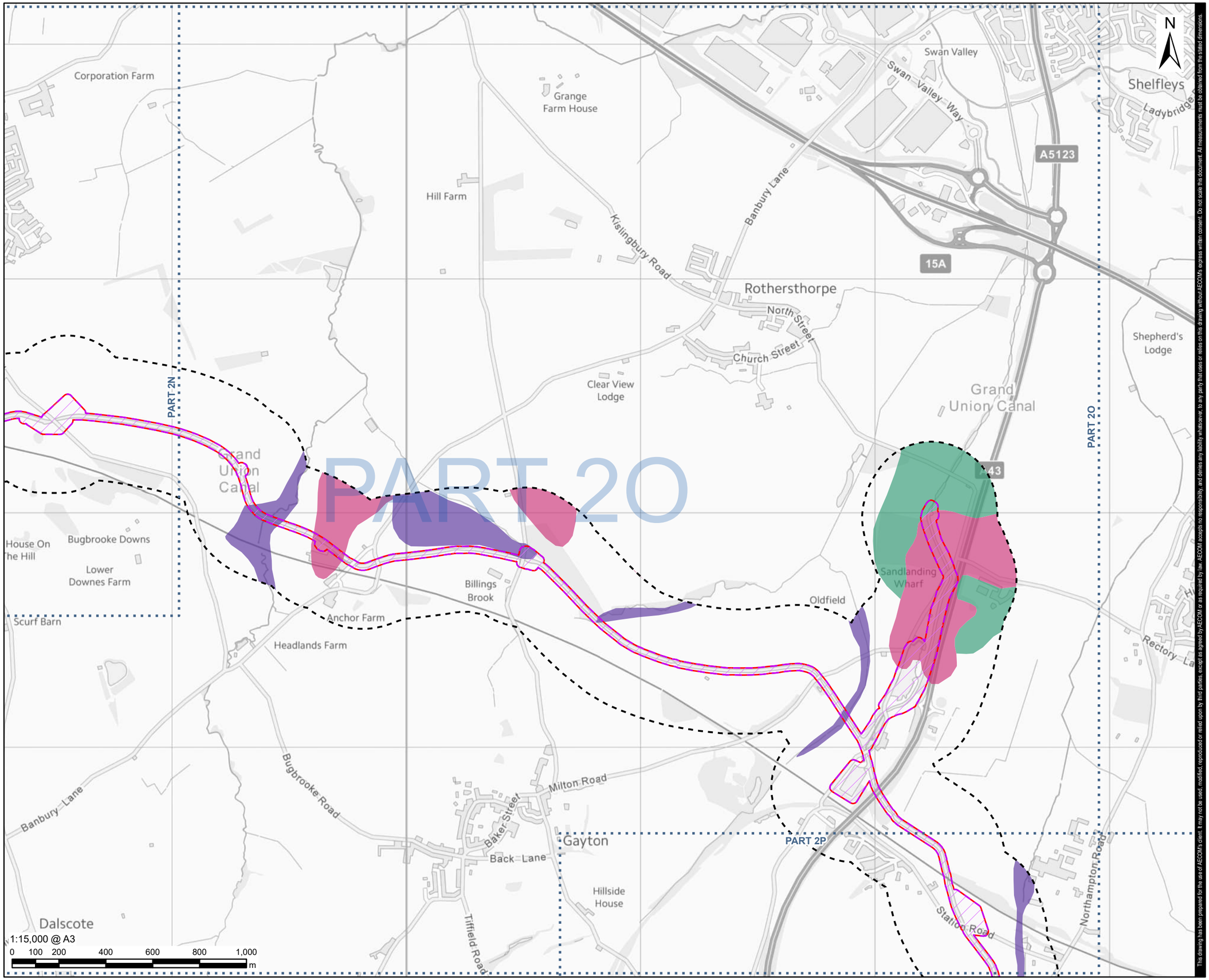
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet R

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LEGEND

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Superficial Geology

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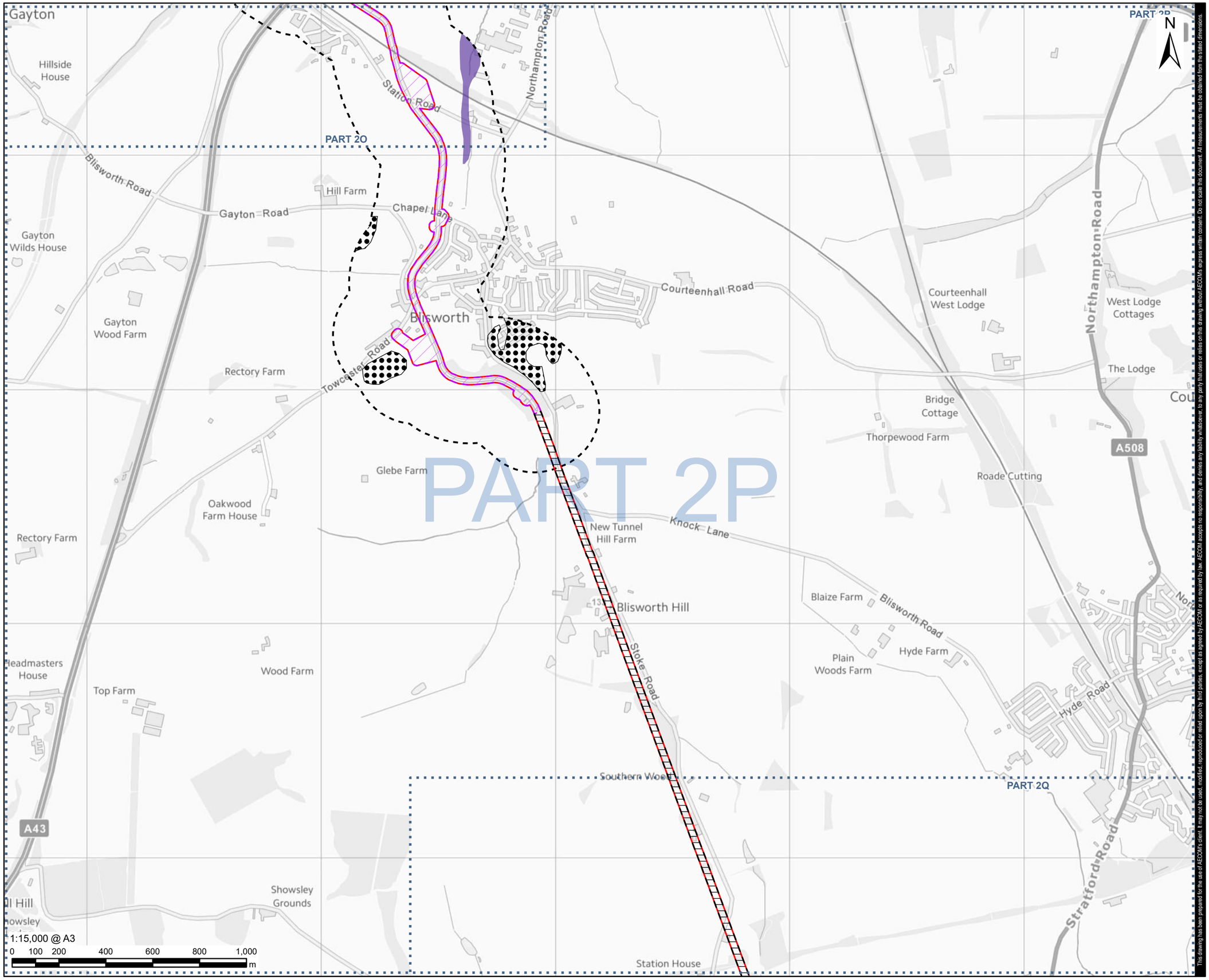
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet S

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_2_Superficial_Geology_and_Artificial_Ground.aprx



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CONSULTANT

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www.aecom.com

LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- WORKED GROUND (UNDIVIDED) - VOID

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL

NOTES

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FINAL

PROJECT NUMBER

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FIGURE TITLE

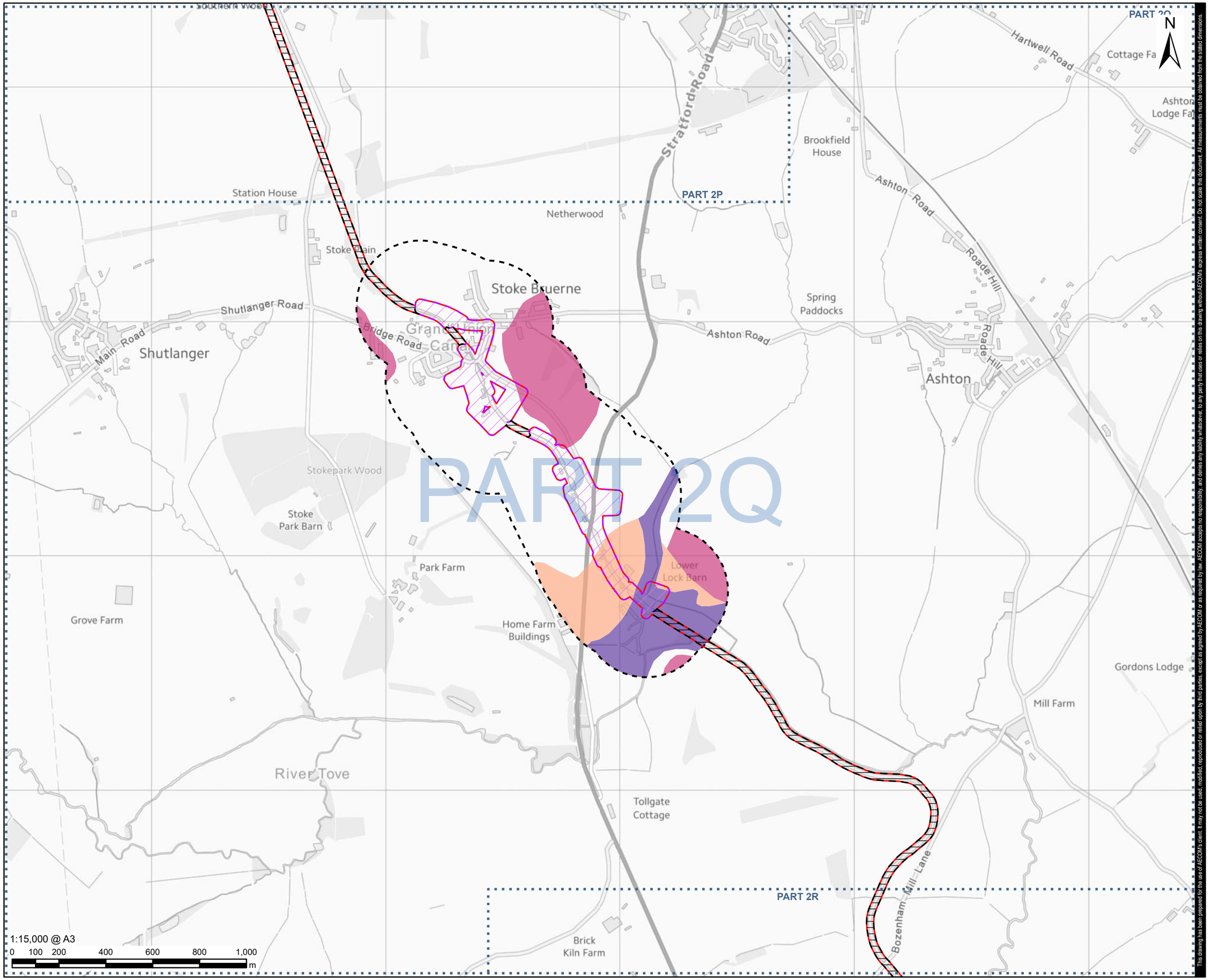
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet T

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL

NOTES

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FIGURE TITLE

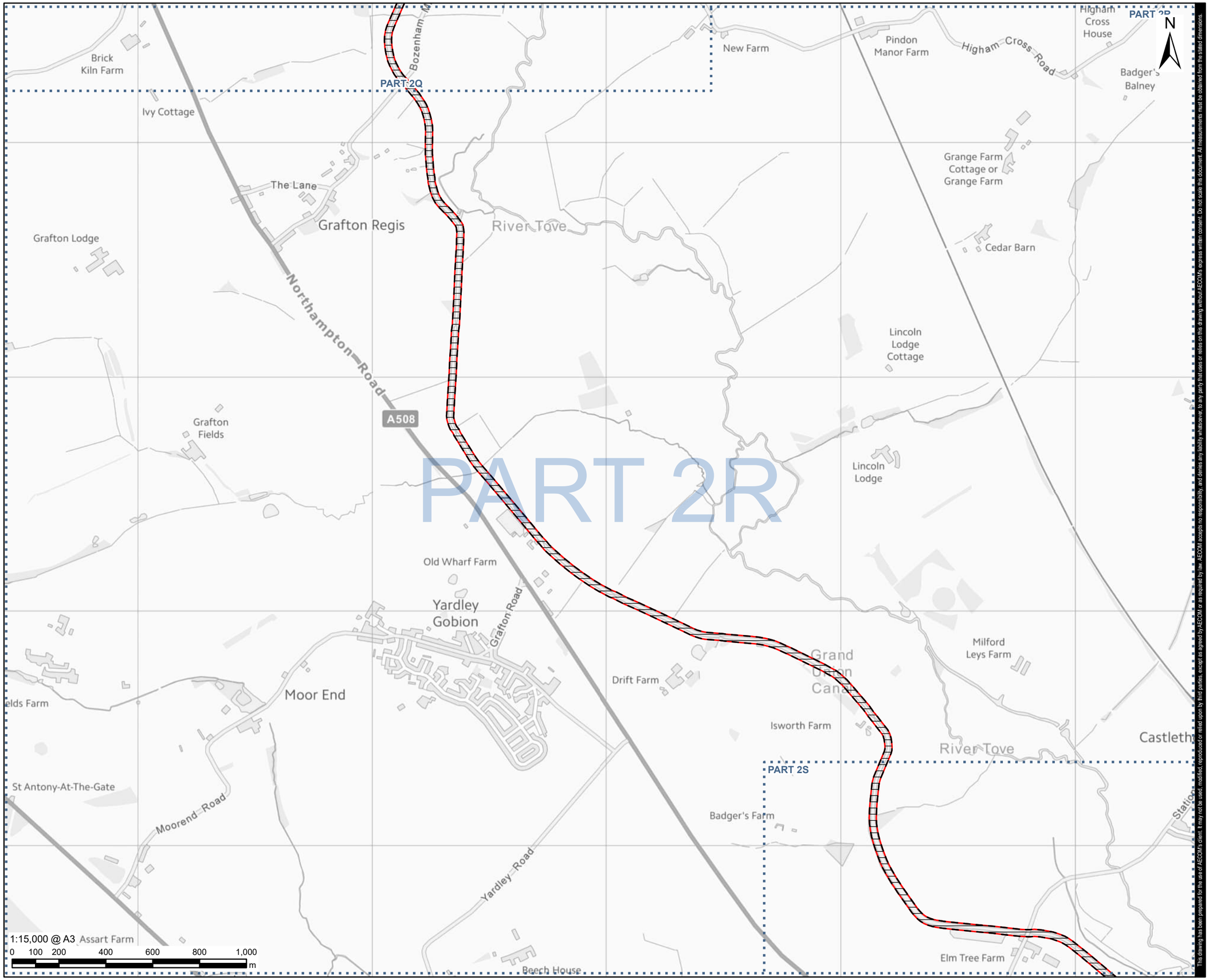
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet U

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

NOTES

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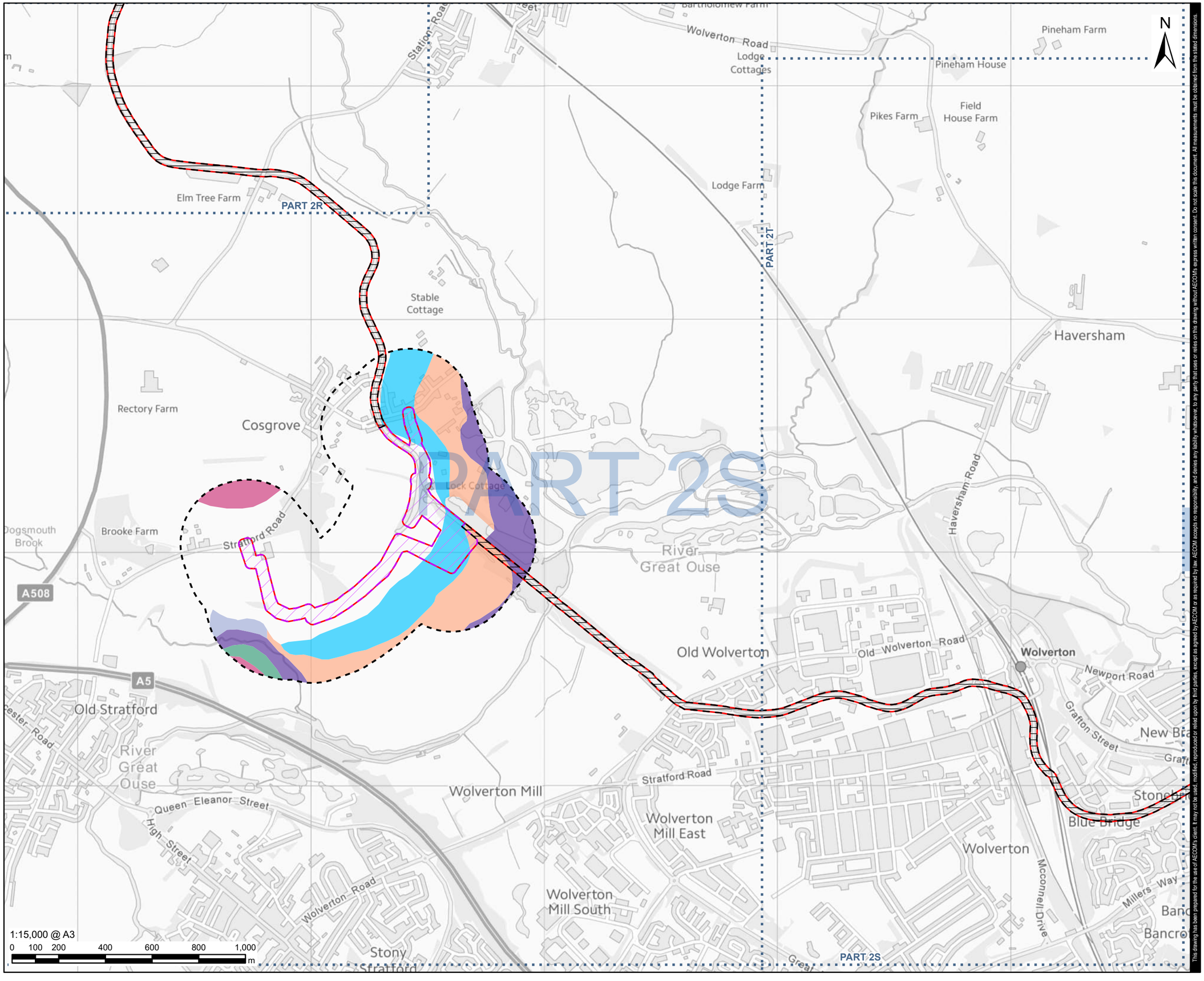
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet V

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL
- TUFA - TUFA, CALCAREOUS

NOTES

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FIGURE TITLE

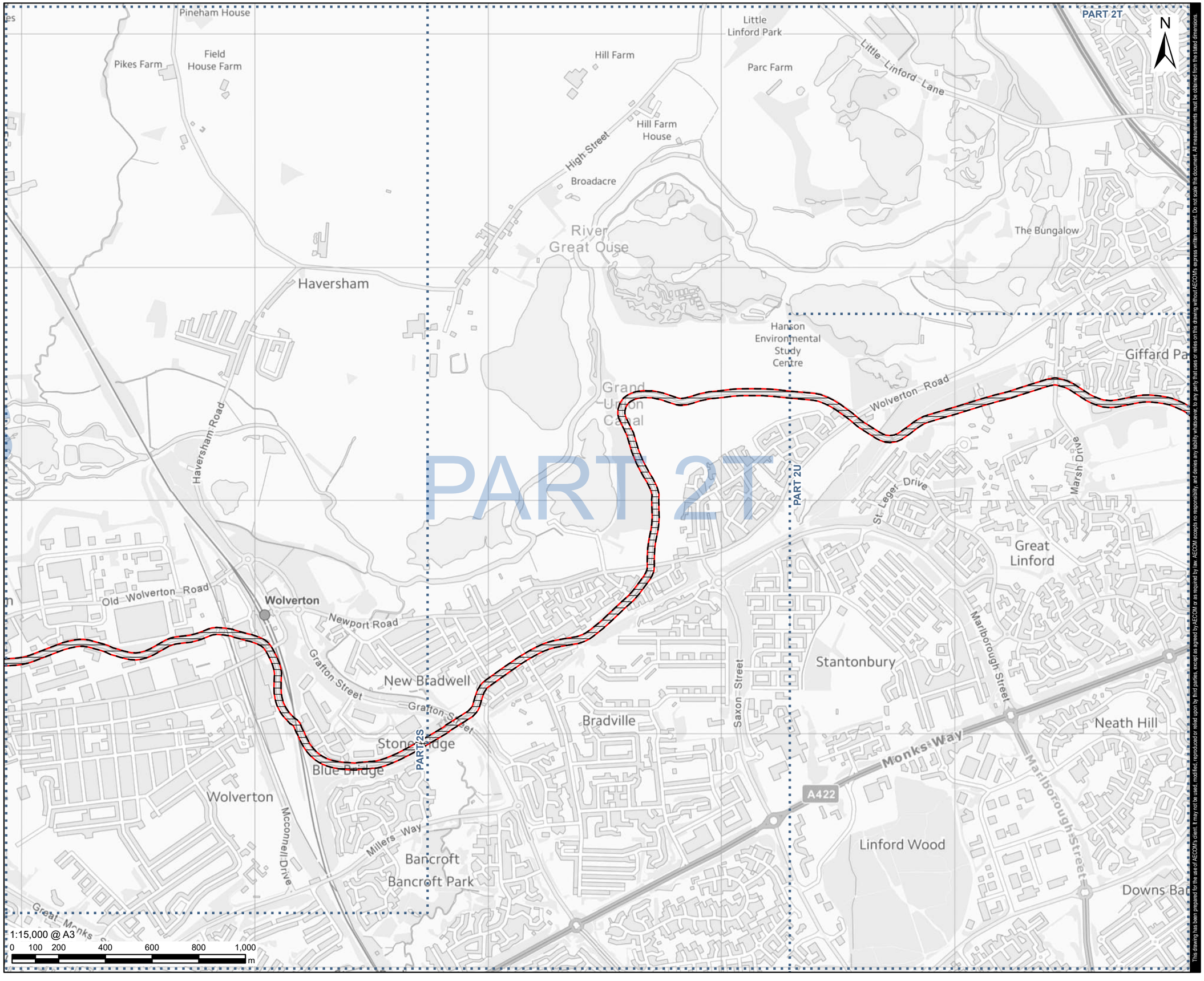
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet W

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

NOTES

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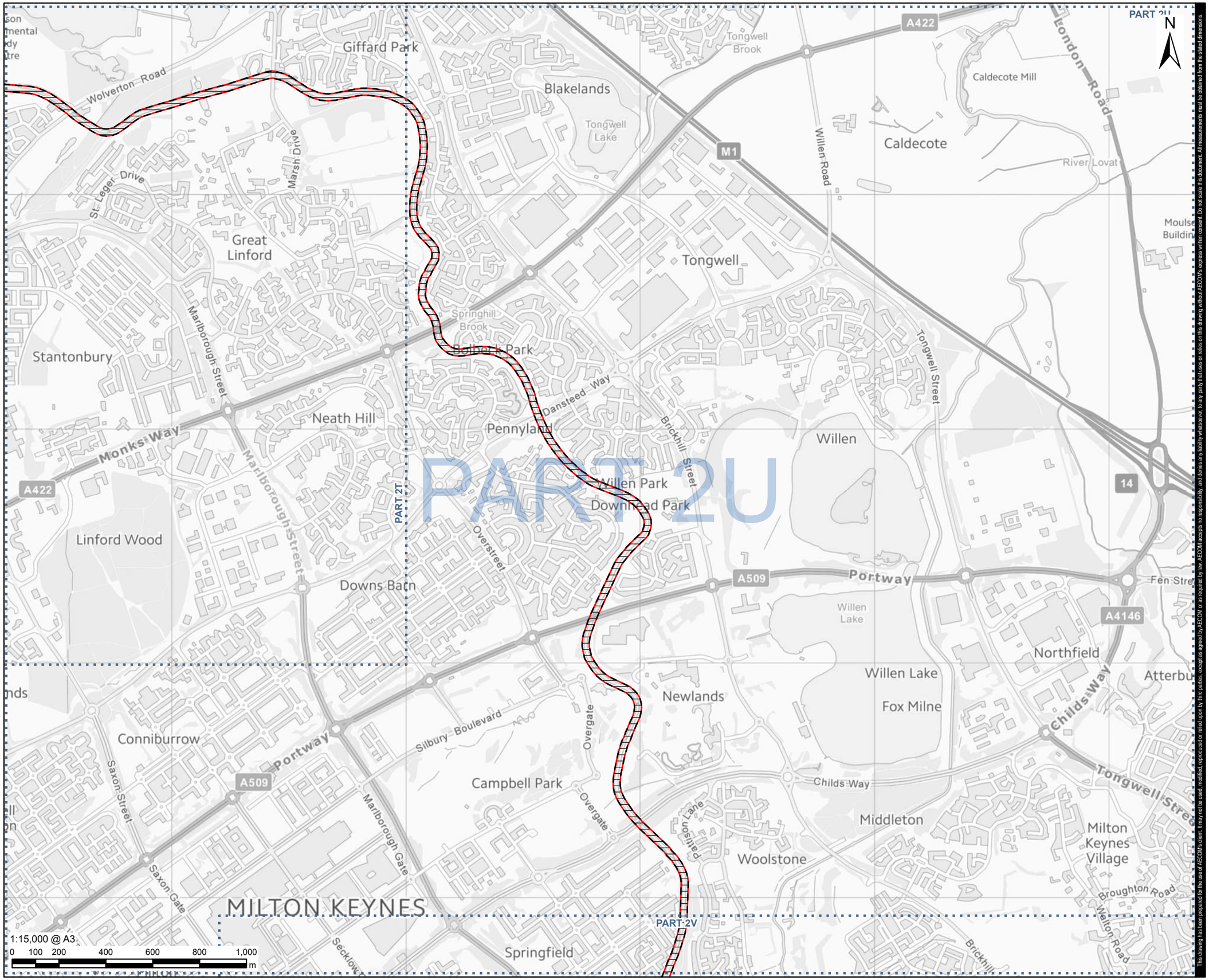
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FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet X

FIGURE NUMBER

Figure 14-2



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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

NOTES

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FIGURE TITLE

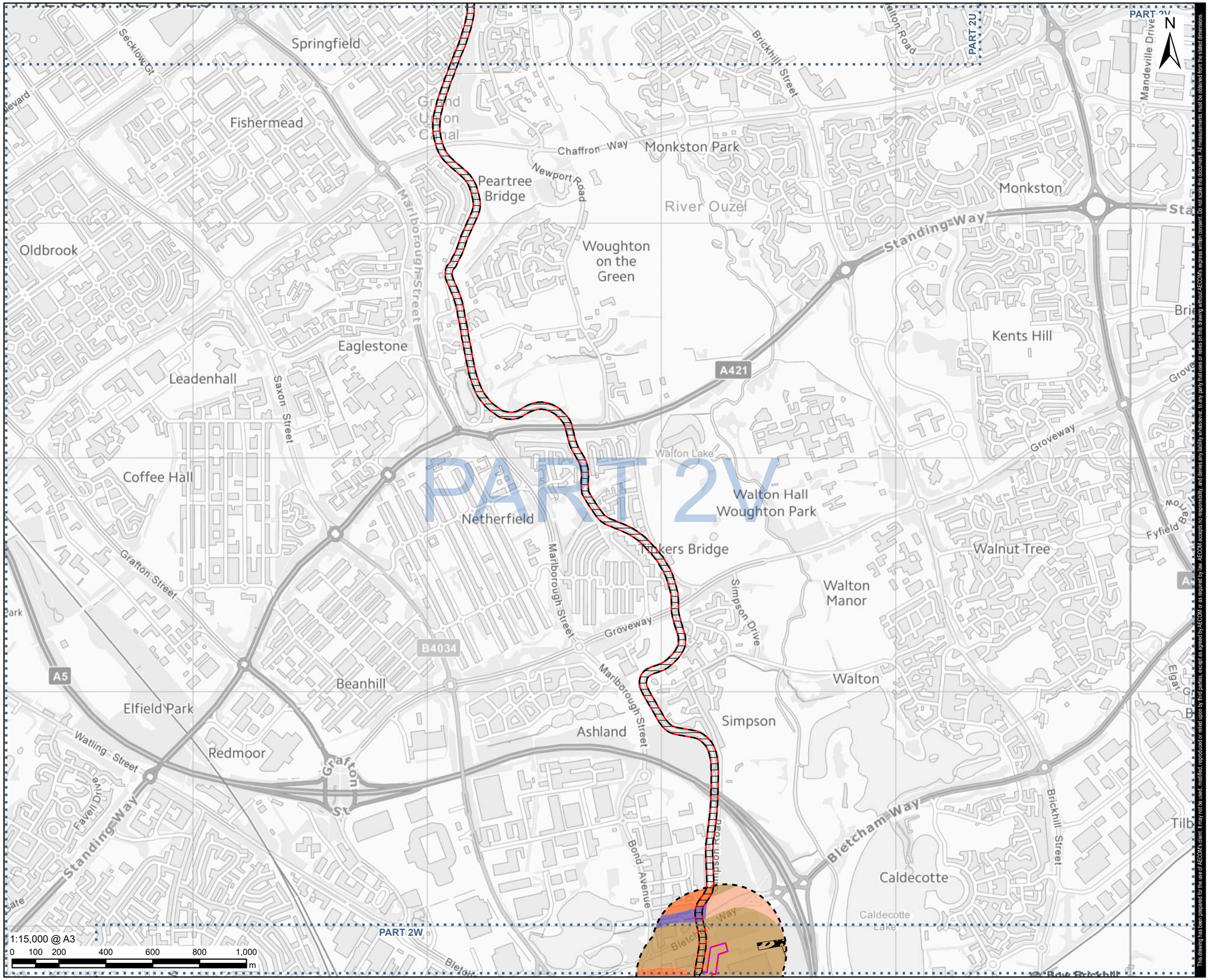
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet Y

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE - CLAY AND SILT
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- SAND AND GRAVEL OF UNCERTAIN AGE AND ORIGIN - SAND AND GRAVEL

NOTES

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PROJECT NUMBER

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FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet Z

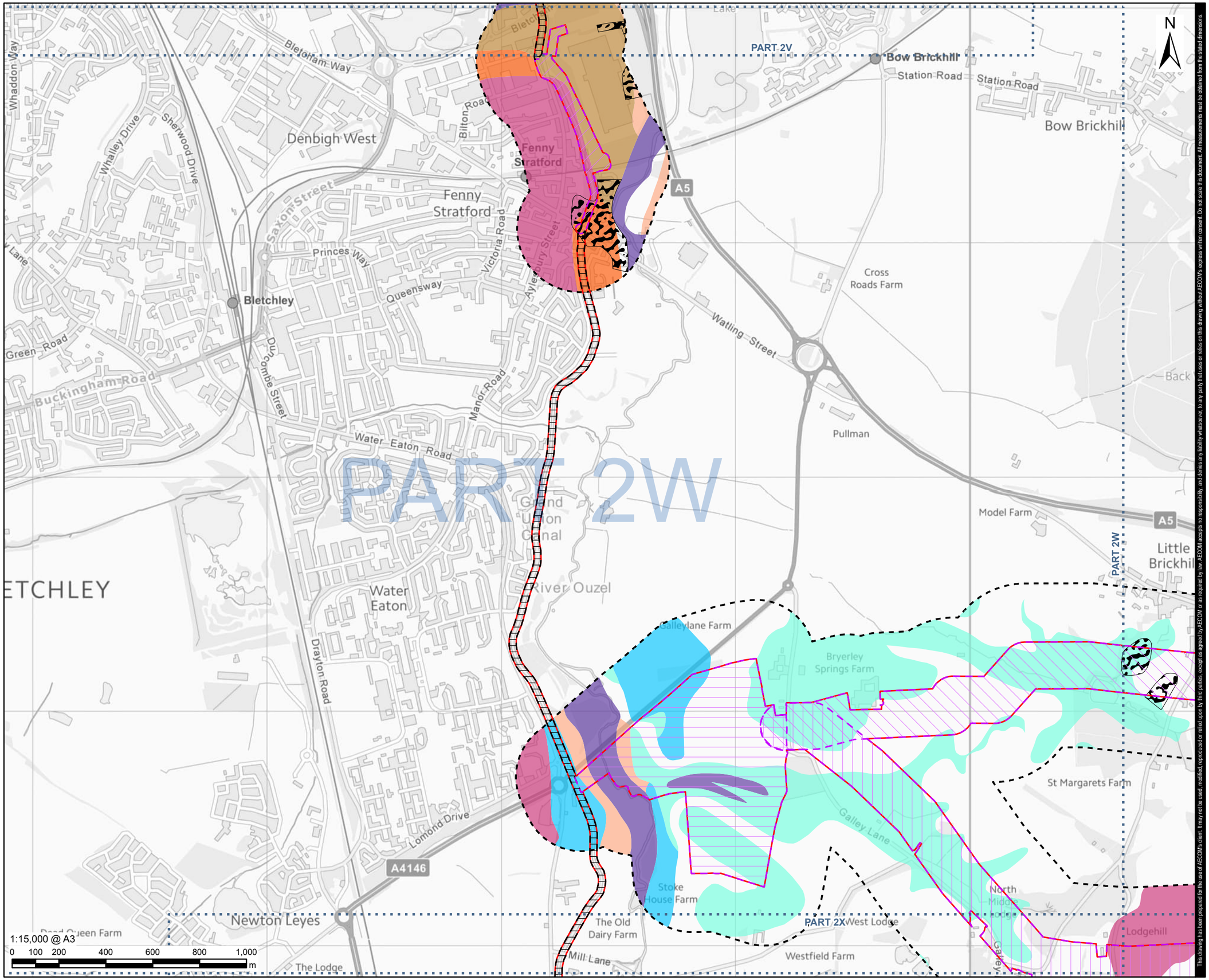
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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4a - Site B
- Part 4b - SP2
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE - CLAY AND SILT
- HEAD - CLAY, SILT, SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL
- SAND AND GRAVEL OF UNCERTAIN AGE AND ORIGIN - SAND AND GRAVEL

NOTES

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ISSUE PURPOSE

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FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AA

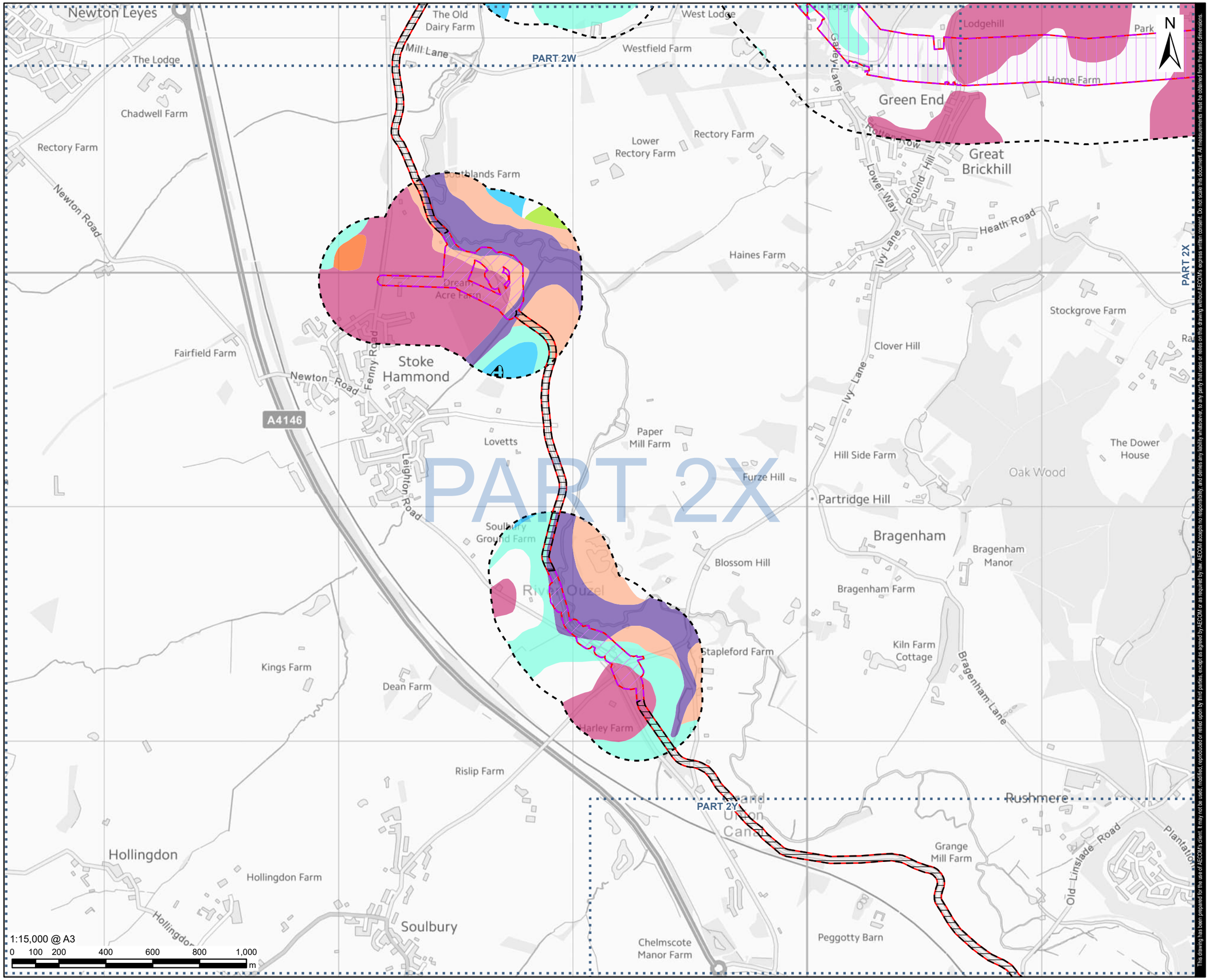
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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE - CLAY AND SILT
- HEAD - CLAY, SILT, SAND AND GRAVEL
- HEAD - GRAVEL, SAND, SILT AND CLAY
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- RIVER TERRACE DEPOSITS, 2 - SAND AND GRAVEL

NOTES

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FIGURE TITLE

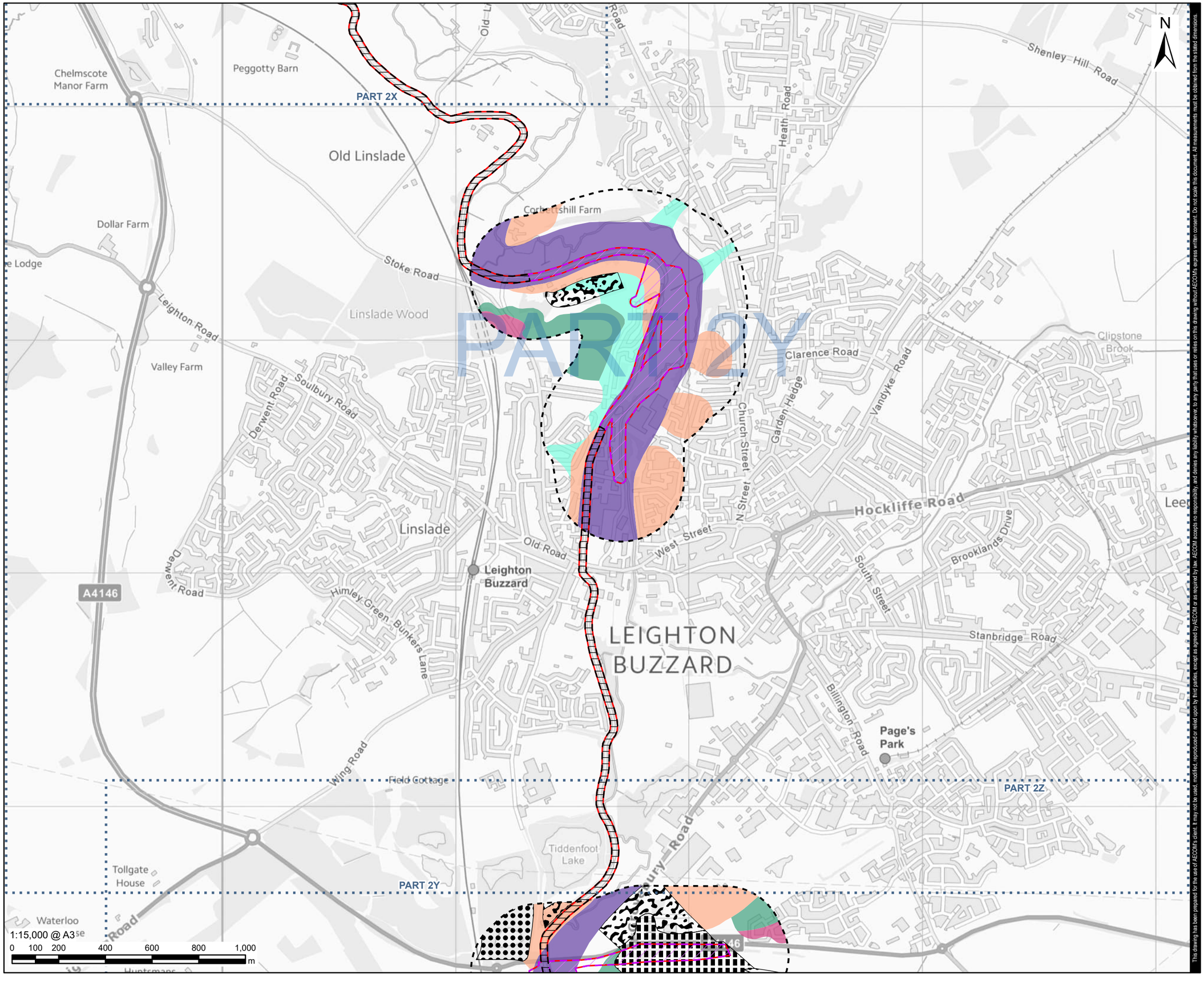
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AB

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT
- WORKED GROUND (UNDIVIDED) - VOID

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL

NOTES

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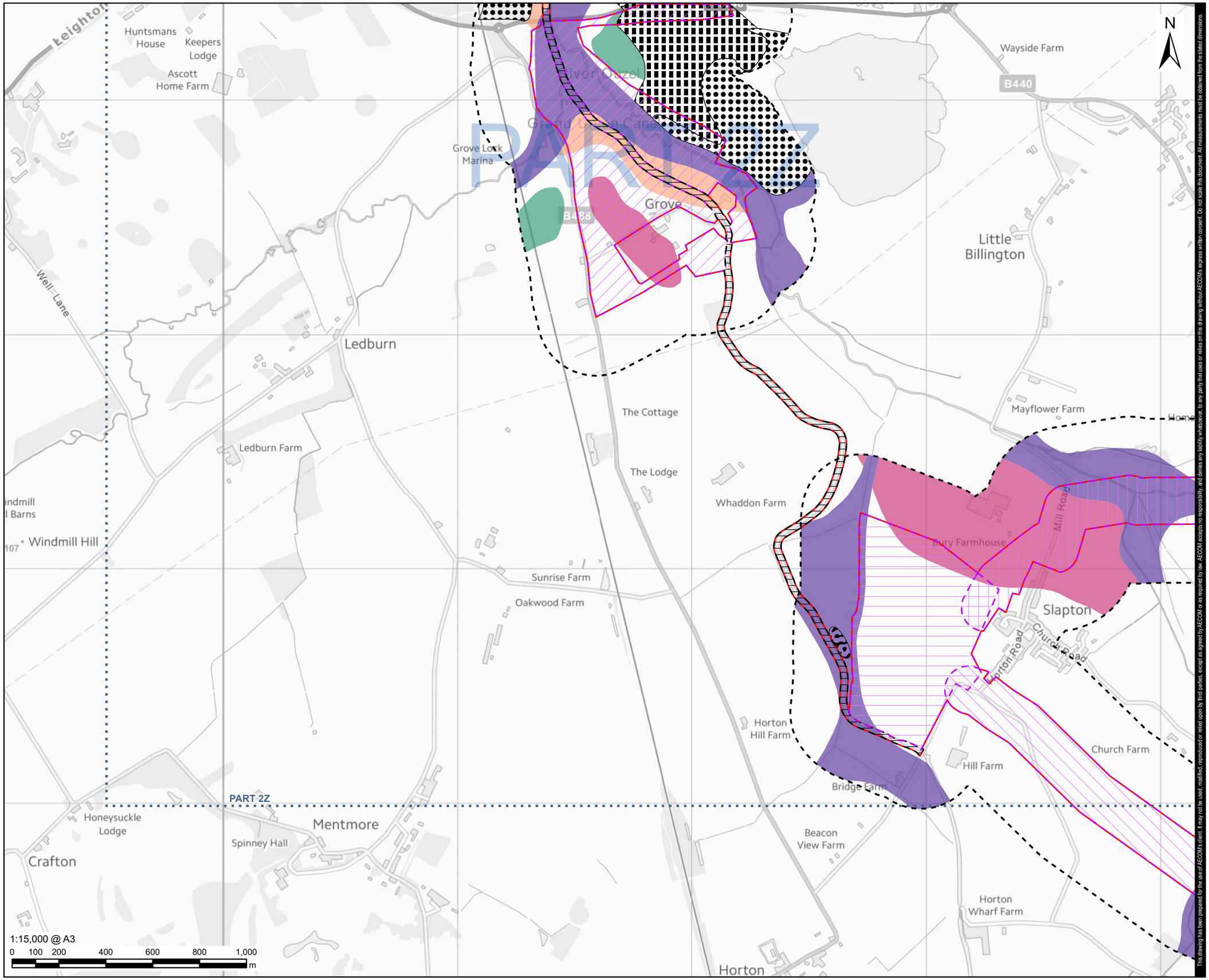
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AC

FIGURE NUMBER

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PART 2Z

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4a - Site H
- Part 4b - SP5
- Part 4b - SP6
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT
- WORKED GROUND (UNDIVIDED) - VOID

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AD

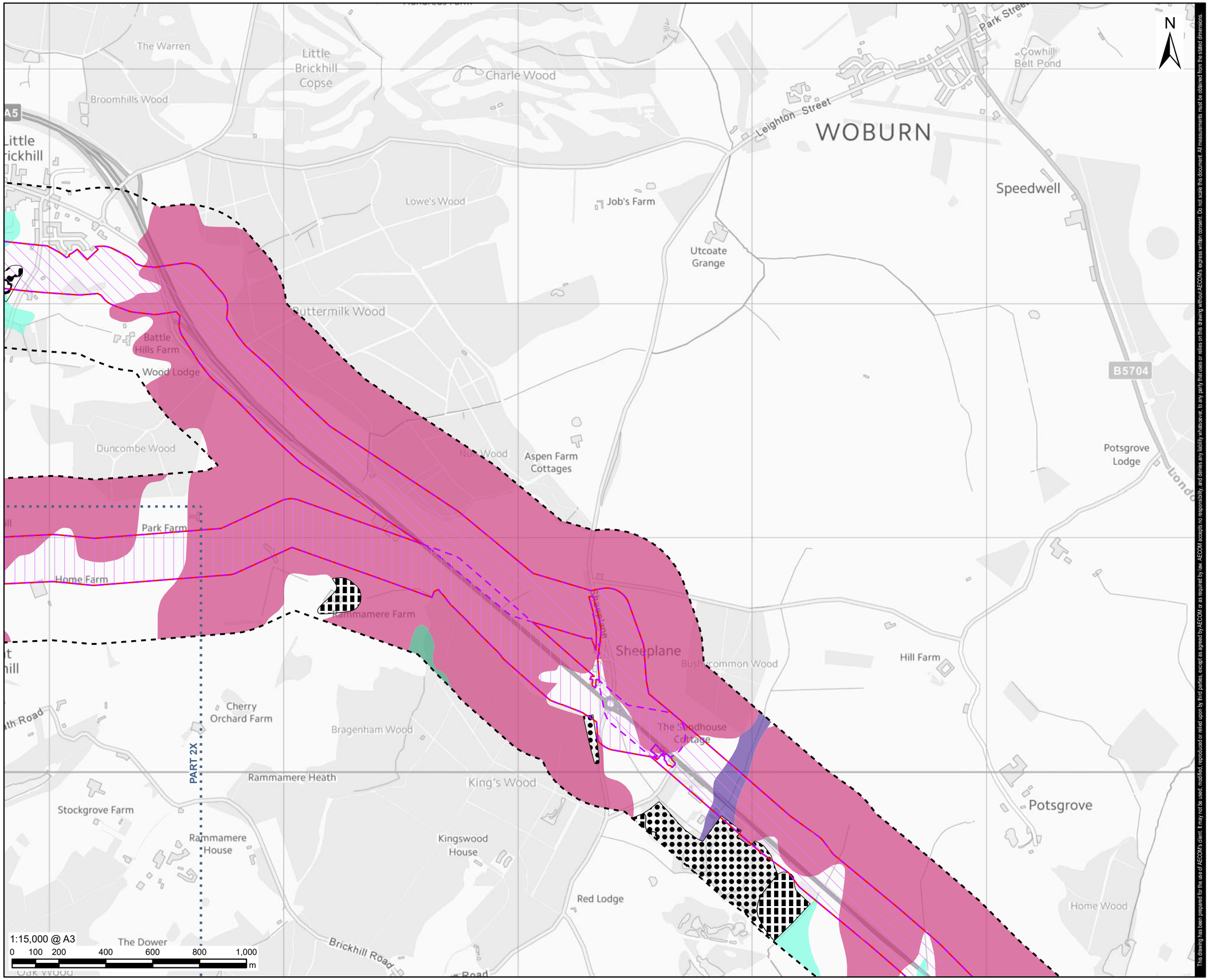
FIGURE NUMBER

Figure 14-2

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PROJECT

Grand Union Canal Transfer

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CONSULTANT

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www.aecom.com

LEGEND

- Part 4b - SP2
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT
- WORKED GROUND (UNDIVIDED) - VOID

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON

NOTES

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PROJECT NUMBER

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FIGURE TITLE

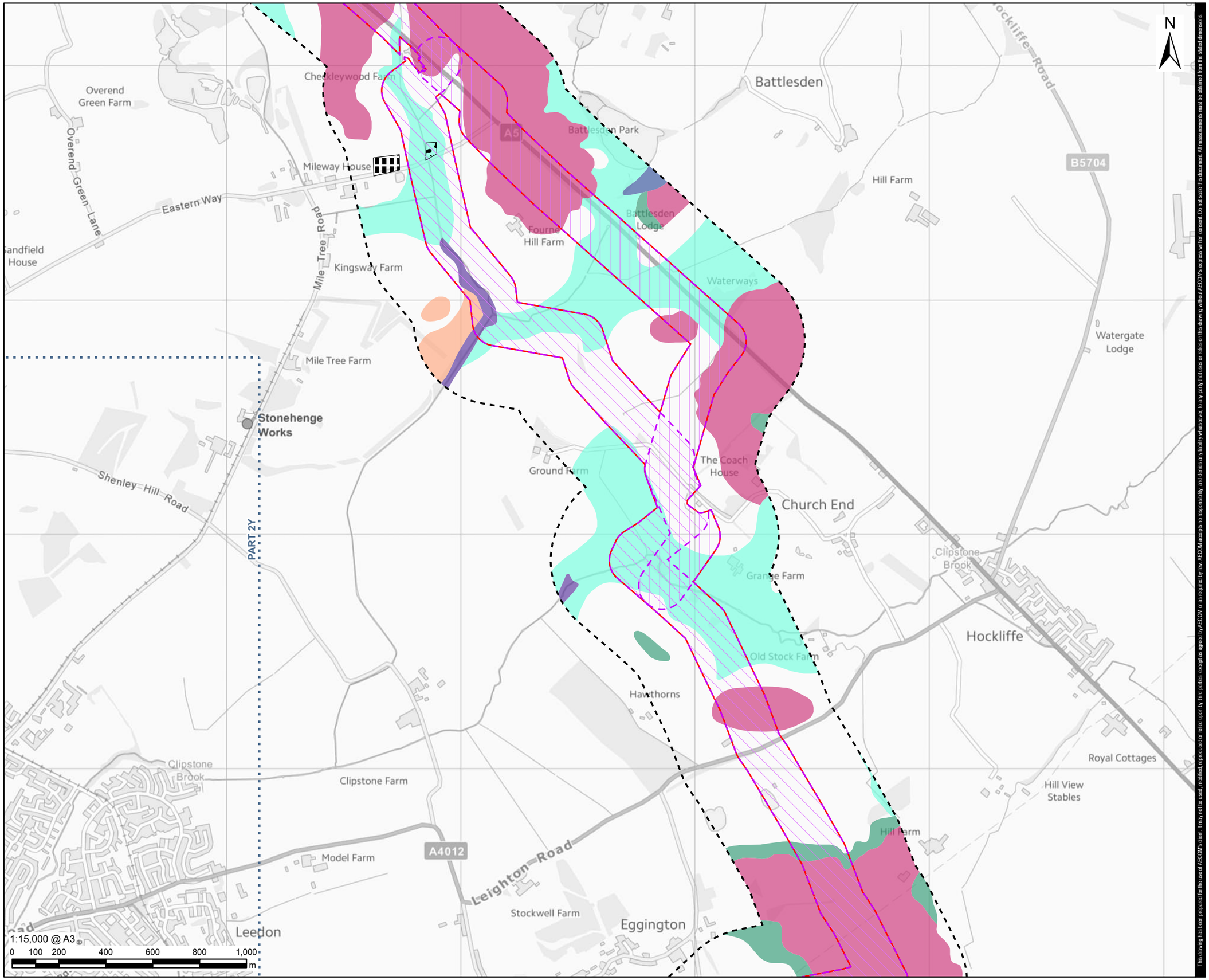
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AE

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_2_Superficial_Geology_and_Artificial_Ground.aprx



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LEGEND

- Part 4b - SP2
- Part 4b - SP2B
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT
- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- OADBY MEMBER - DIAMICTON
- RIVER TERRACE DEPOSITS, 1 - SAND AND GRAVEL
- SUPERFICIAL DEPOSITS - SEDIMENT

NOTES

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FIGURE TITLE

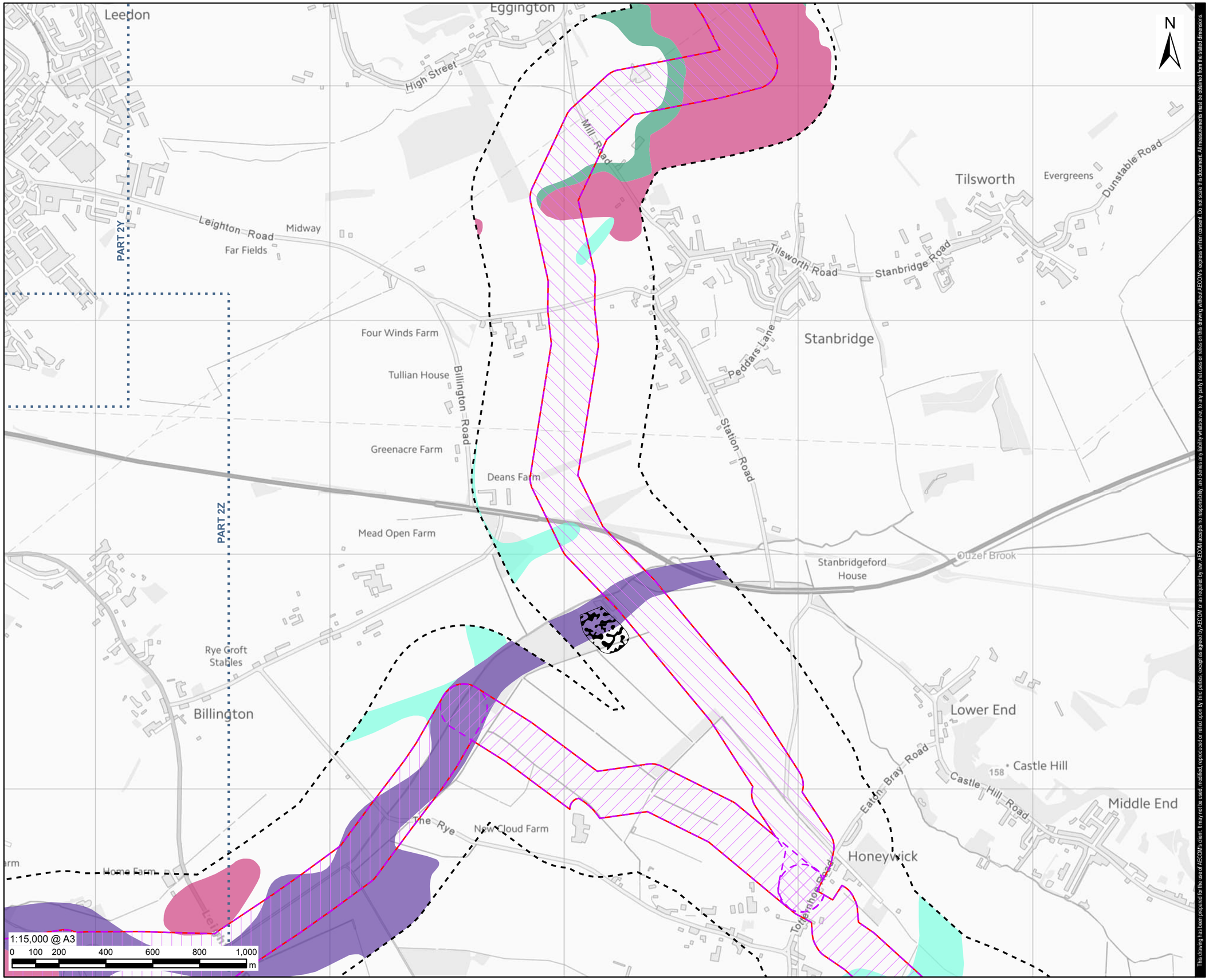
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AF

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 4b - SP2
- Part 4b - SP6
- Part 4b - SP7
- Part 4b - SP10
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE - SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- HEAD - GRAVEL, SAND, SILT AND CLAY
- OADBY MEMBER - DIAMICTON

NOTES

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FIGURE TITLE

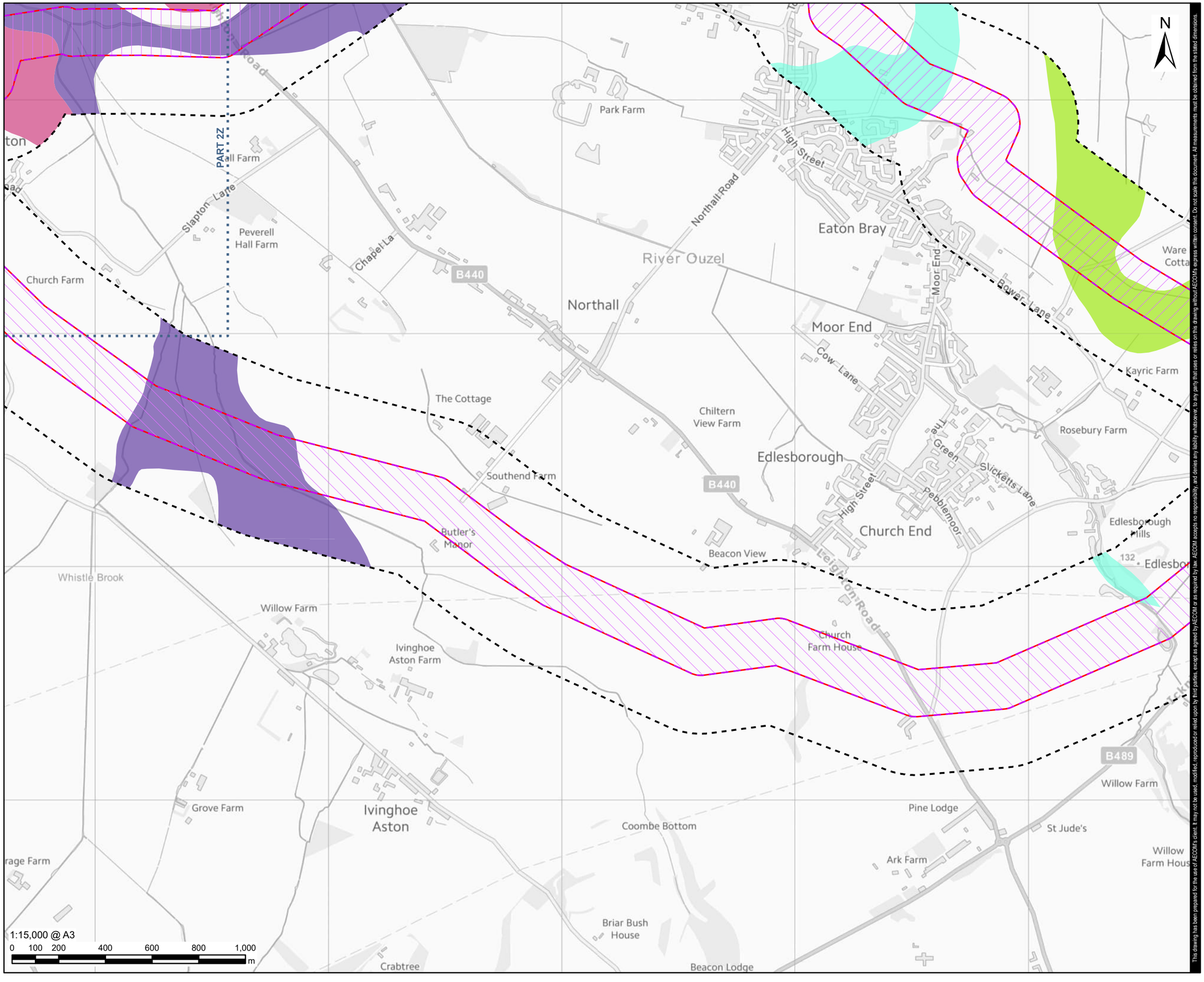
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AG

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 4b - SP5
- Part 4b - SP6
- Part 4b - SP10
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Superficial Geology

- ALLUVIUM - CLAY, SILT, SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- HEAD - GRAVEL, SAND, SILT AND CLAY
- OADBY MEMBER - DIAMICTON

NOTES

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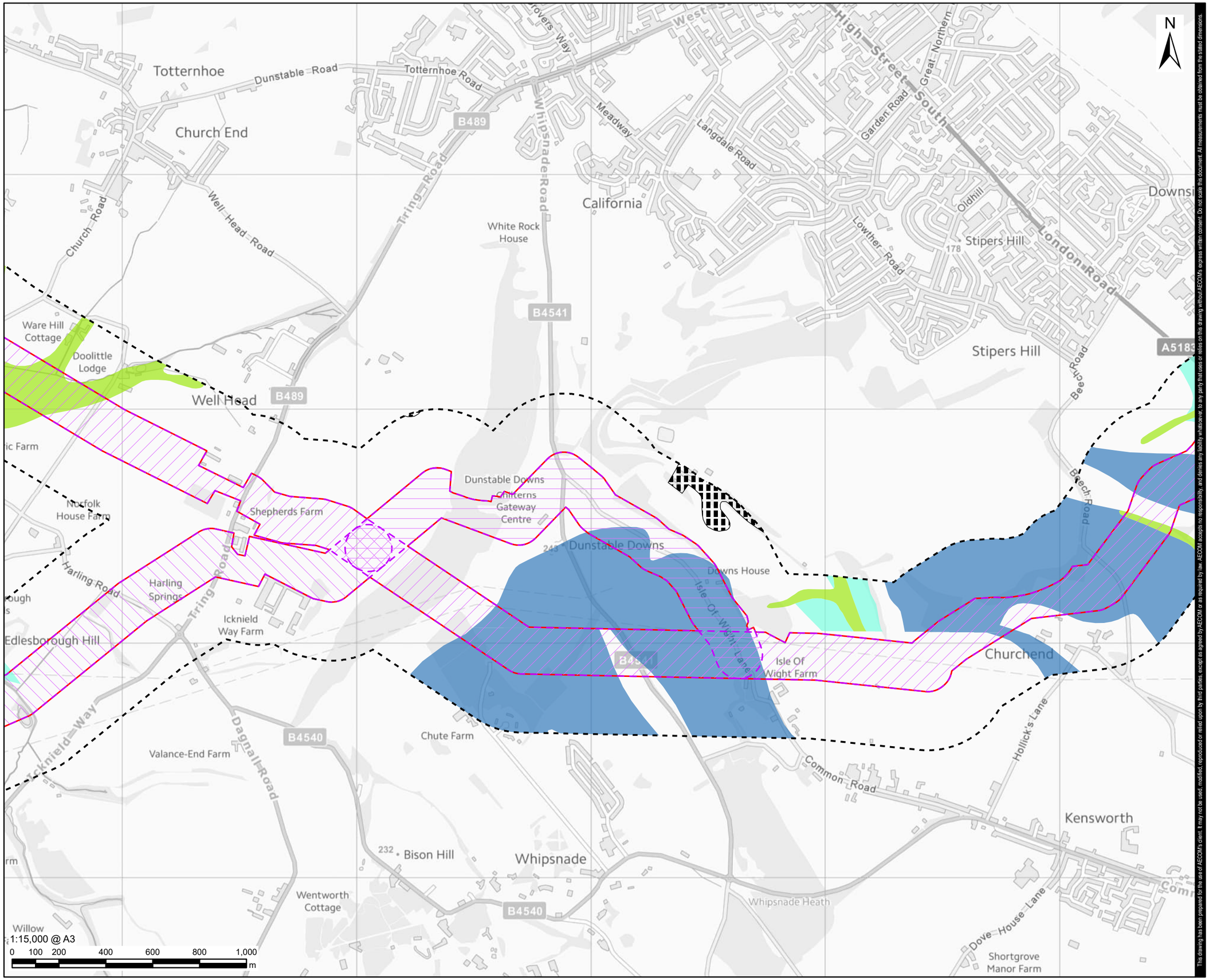
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AH

FIGURE NUMBER

Figure 14-2

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 4b - SP5
- Part 4b - SP10
- Part 4b - SP10A
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- INFILLED GROUND - ARTIFICIAL DEPOSIT

Superficial Geology

- CLAY-WITH-FLINTS FORMATION - CLAY, SILT, SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- HEAD - GRAVEL, SAND, SILT AND CLAY

NOTES

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ISSUE PURPOSE

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FIGURE TITLE

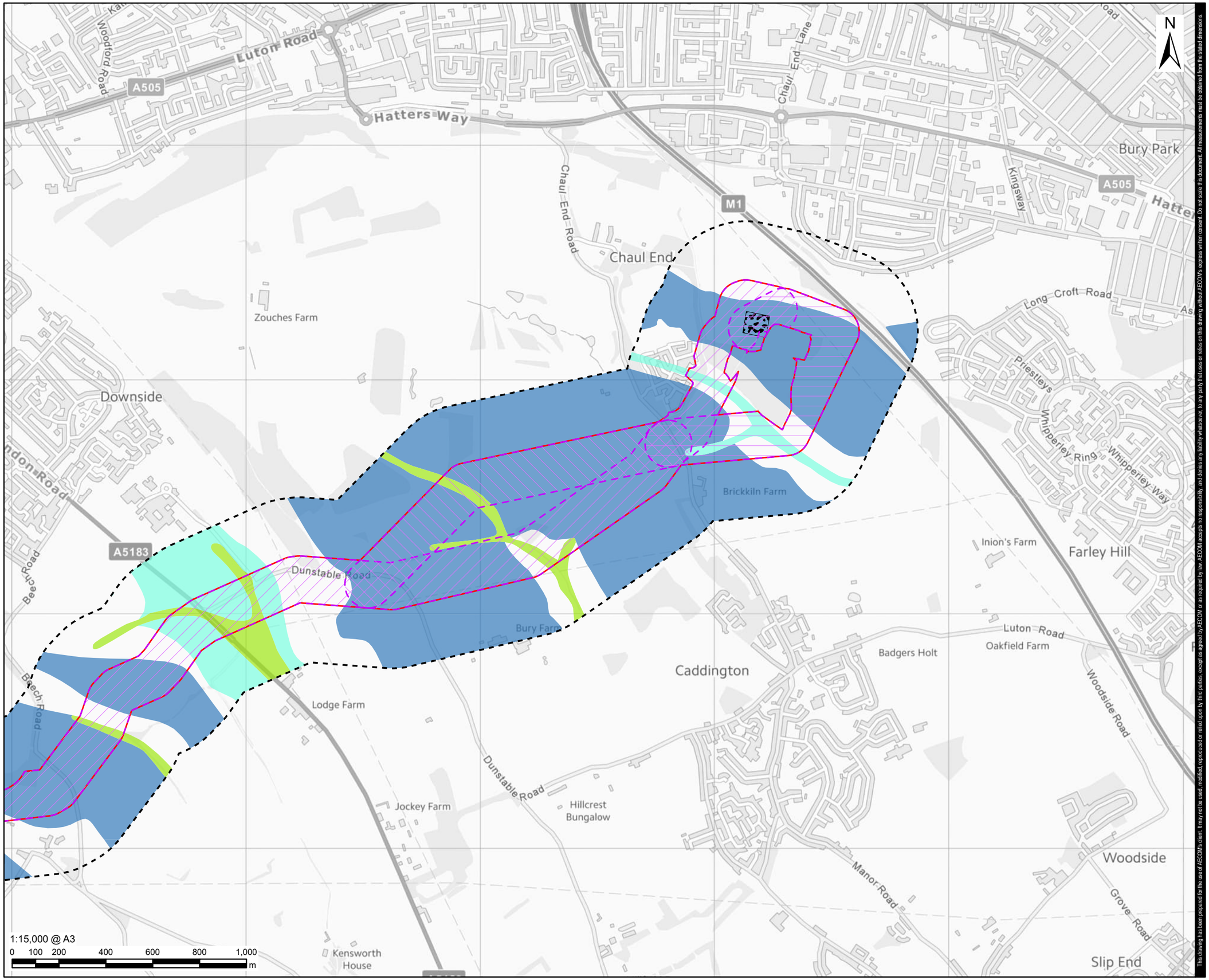
Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AI

FIGURE NUMBER

Figure 14-2

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LEGEND

- Part 4b - SP10
- Part 4b - SP10B
- Part 4b - SP10C
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

Artificial Ground

- MADE GROUND (UNDIVIDED) - ARTIFICIAL DEPOSIT

Superficial Geology

- CLAY-WITH-FLINTS FORMATION - CLAY, SILT, SAND AND GRAVEL
- HEAD - CLAY, SILT, SAND AND GRAVEL
- HEAD - GRAVEL, SAND, SILT AND CLAY

NOTES

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ISSUE PURPOSE

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PROJECT NUMBER

60720432

FIGURE TITLE

Parts 1-4 Map Indicating Superficial Geology and Artificial/Made Ground Sheet AJ

FIGURE NUMBER

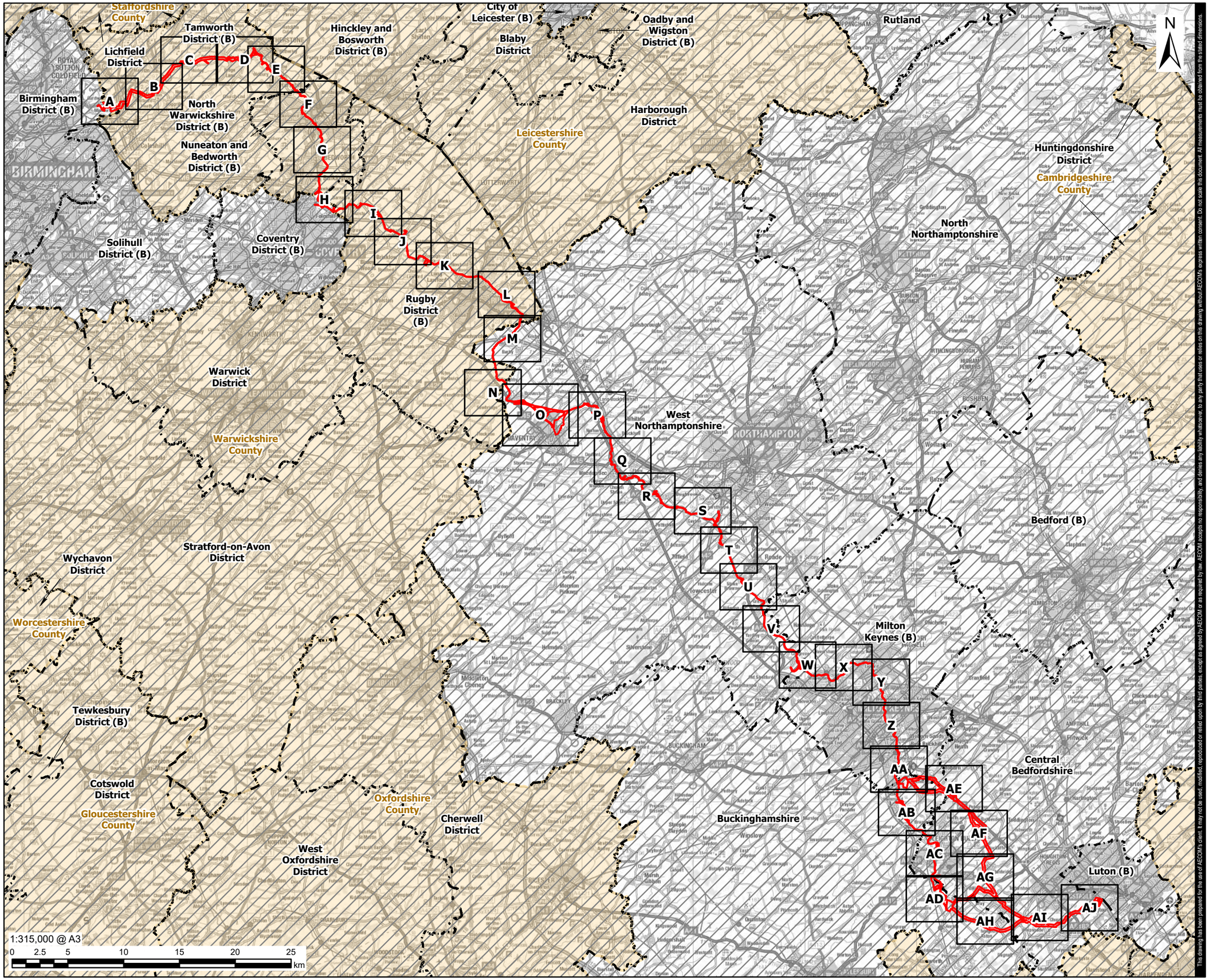
Figure 14-2

Grand Union Canal Transfer

Figure 14-3: Parts 1-4 Map Indicating Bedrock Geology and Linear Features

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- EIA Scoping Boundary
- District Boundary
- County Boundary
- Figure Extent

NOTES

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2. Study areas are based on Parts 1a, 1b, 2 (Indicative Work Area), 3, 4a and 4b EIA Scoping Boundaries. Part 2 (Indicative Non-Work Area) EIA Scoping Boundary is excluded as no physical works are proposed.
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FIGURE TITLE

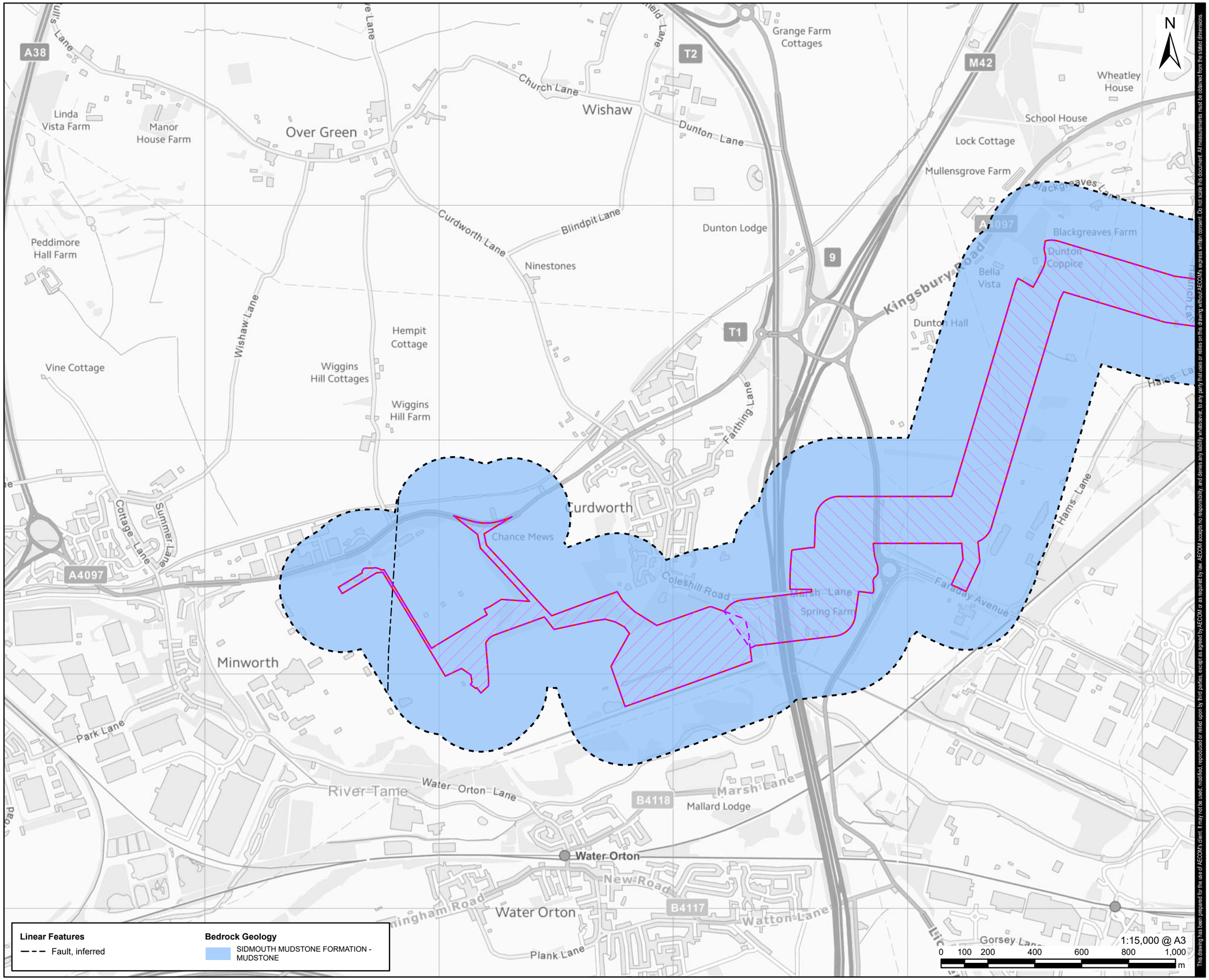
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Overview

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



Linear Features

- Fault, inferred

Bedrock Geology

- SIDMOUTH MUDSTONE FORMATION - MUDSTONE

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LEGEND

- Part 1a
- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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FIGURE TITLE

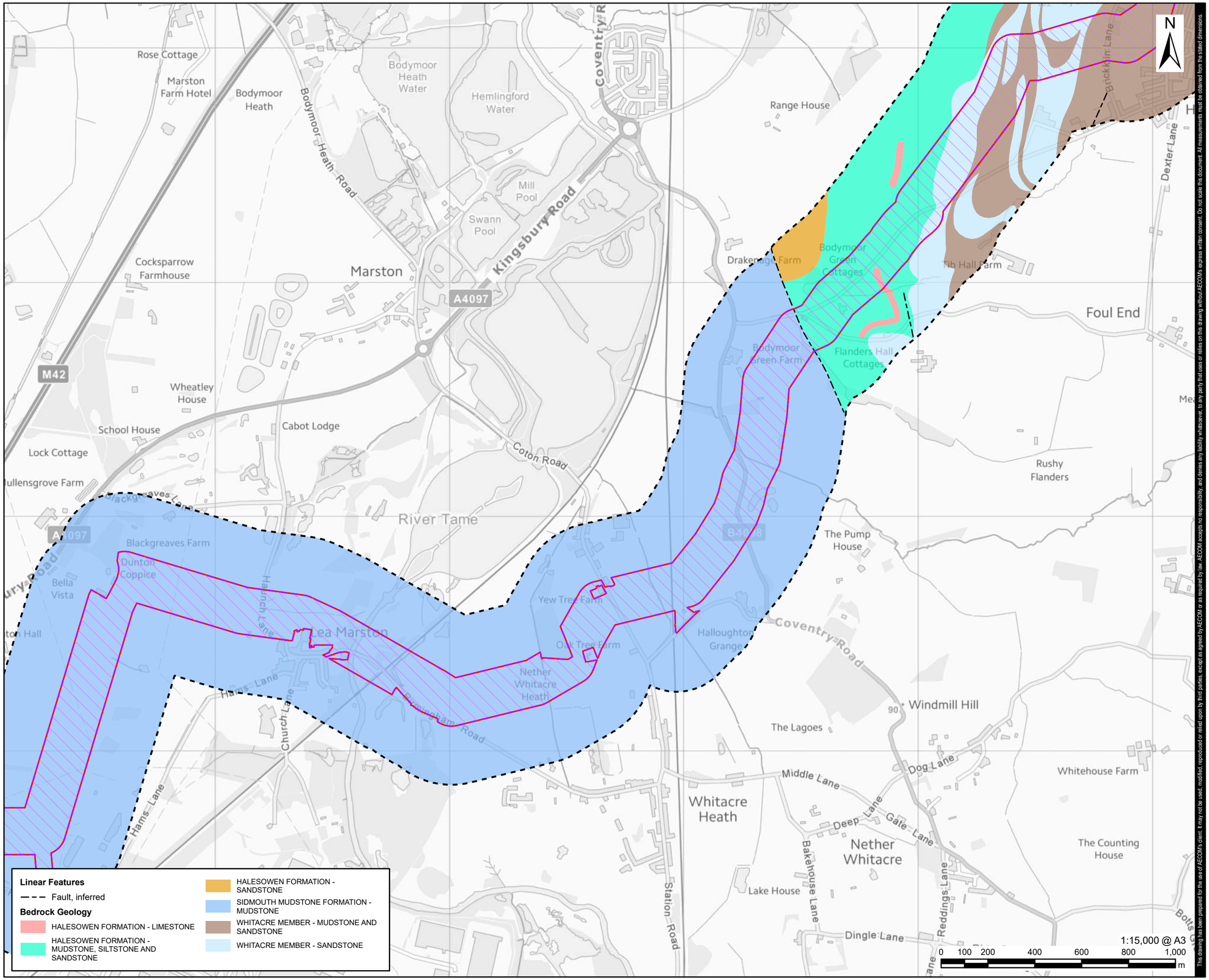
Parts 1-4 Map Indicating Bedrock Geology and Linear Features
Sheet A

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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Linear Features

Fault, inferred

Bedrock Geology

- HALESOWEN FORMATION - LIMESTONE
- HALESOWEN FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- HALESOWEN FORMATION - SANDSTONE
- SIDMOUTH MUDSTONE FORMATION - MUDSTONE
- WHITACRE MEMBER - MUDSTONE AND SANDSTONE
- WHITACRE MEMBER - SANDSTONE

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LEGEND

- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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FIGURE TITLE

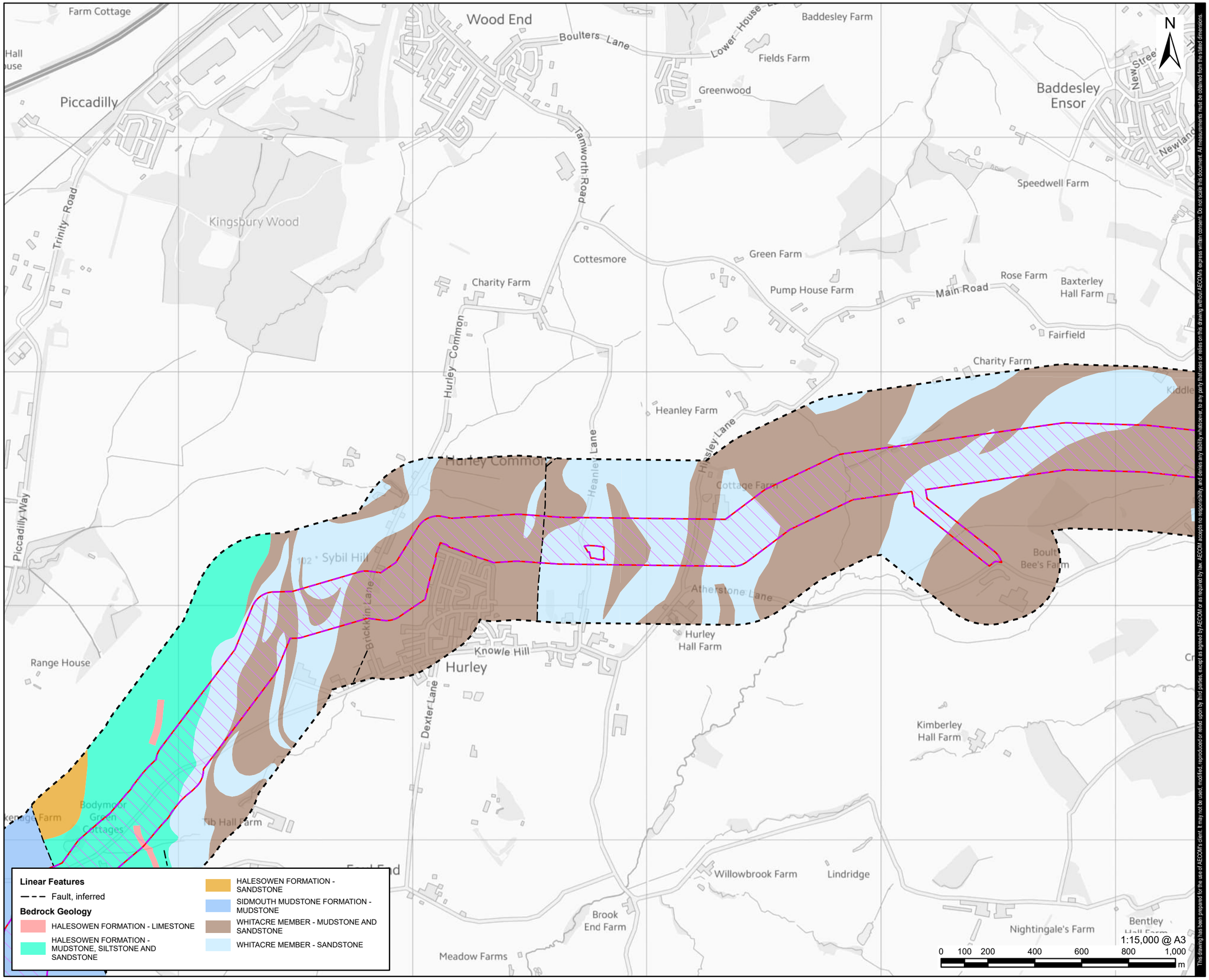
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet B

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 1b
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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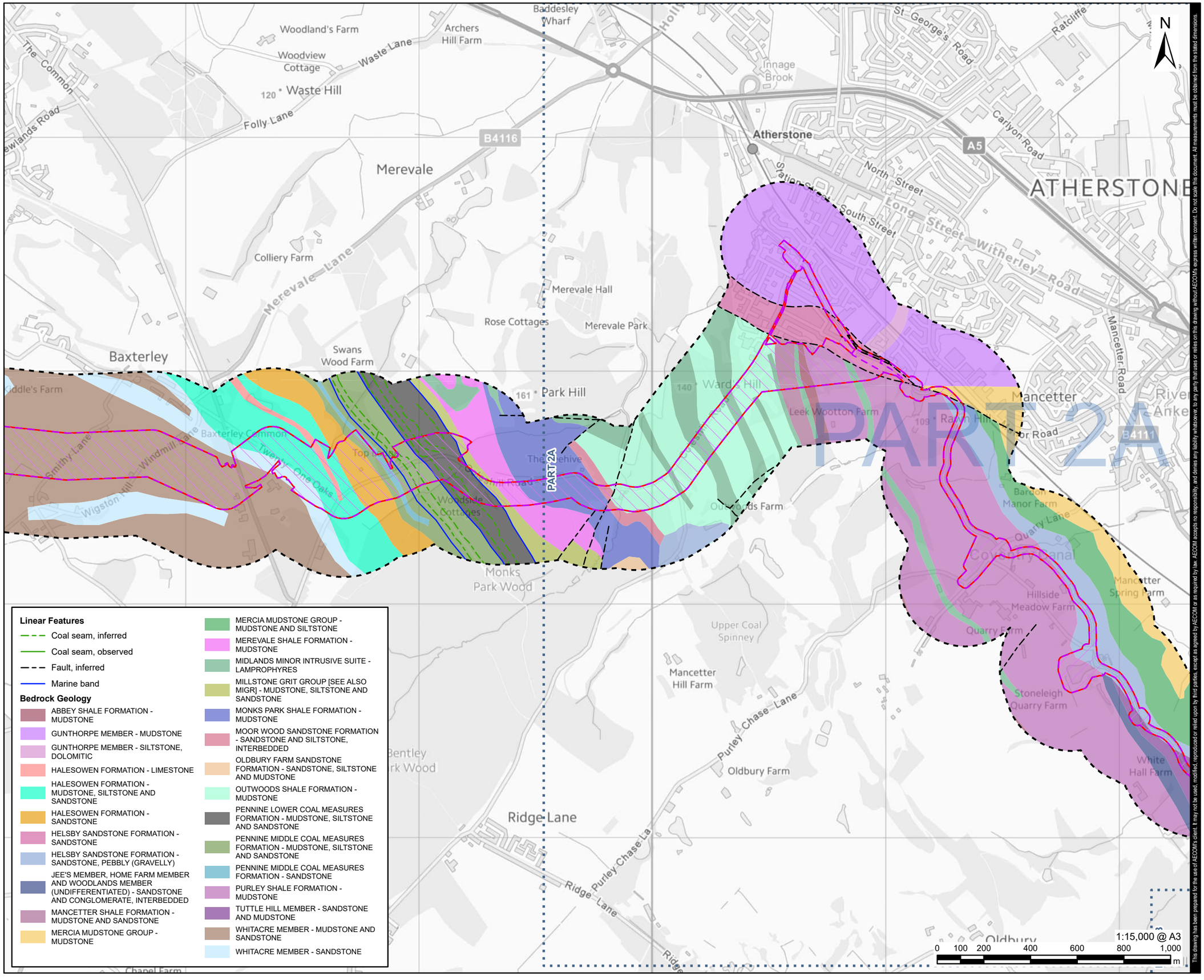
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet C

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



Linear Features

- Coal seam, inferred
- Coal seam, observed
- Fault, inferred
- Marine band

Bedrock Geology

- ABBEY SHALE FORMATION - MUDSTONE
- GUNTHORPE MEMBER - MUDSTONE
- GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC
- HALESOWEN FORMATION - LIMESTONE
- HALESOWEN FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- HALESOWEN FORMATION - SANDSTONE
- HELSBY SANDSTONE FORMATION - SANDSTONE
- HELSBY SANDSTONE FORMATION - SANDSTONE, PEBBLY (GRAVELLY)
- JEE'S MEMBER, HOME FARM MEMBER AND WOODLANDS MEMBER (UNDIFFERENTIATED) - SANDSTONE AND CONGLOMERATE, INTERBEDDED
- MANCETTER SHALE FORMATION - MUDSTONE AND SANDSTONE
- MERCIA MUDSTONE GROUP - MUDSTONE
- MERCIA MUDSTONE GROUP - MUDSTONE AND SILTSTONE
- MEREVALE SHALE FORMATION - MUDSTONE
- MIDLANDS MINOR INTRUSIVE SUITE - LAMPROPHYRES
- MILLSTONE GRIT GROUP [SEE ALSO MIGR] - MUDSTONE, SILTSTONE AND SANDSTONE
- MONKS PARK SHALE FORMATION - MUDSTONE
- MOOR WOOD SANDSTONE FORMATION - SANDSTONE AND SILTSTONE, INTERBEDDED
- OLDBURY FARM SANDSTONE FORMATION - SANDSTONE, SILTSTONE AND MUDSTONE
- OUTWOODS SHALE FORMATION - MUDSTONE
- PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE
- PURLEY SHALE FORMATION - MUDSTONE
- TUTTLE HILL MEMBER - SANDSTONE AND MUDSTONE
- WHITACRE MEMBER - MUDSTONE AND SANDSTONE
- WHITACRE MEMBER - SANDSTONE

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LEGEND

- Part 1b
- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

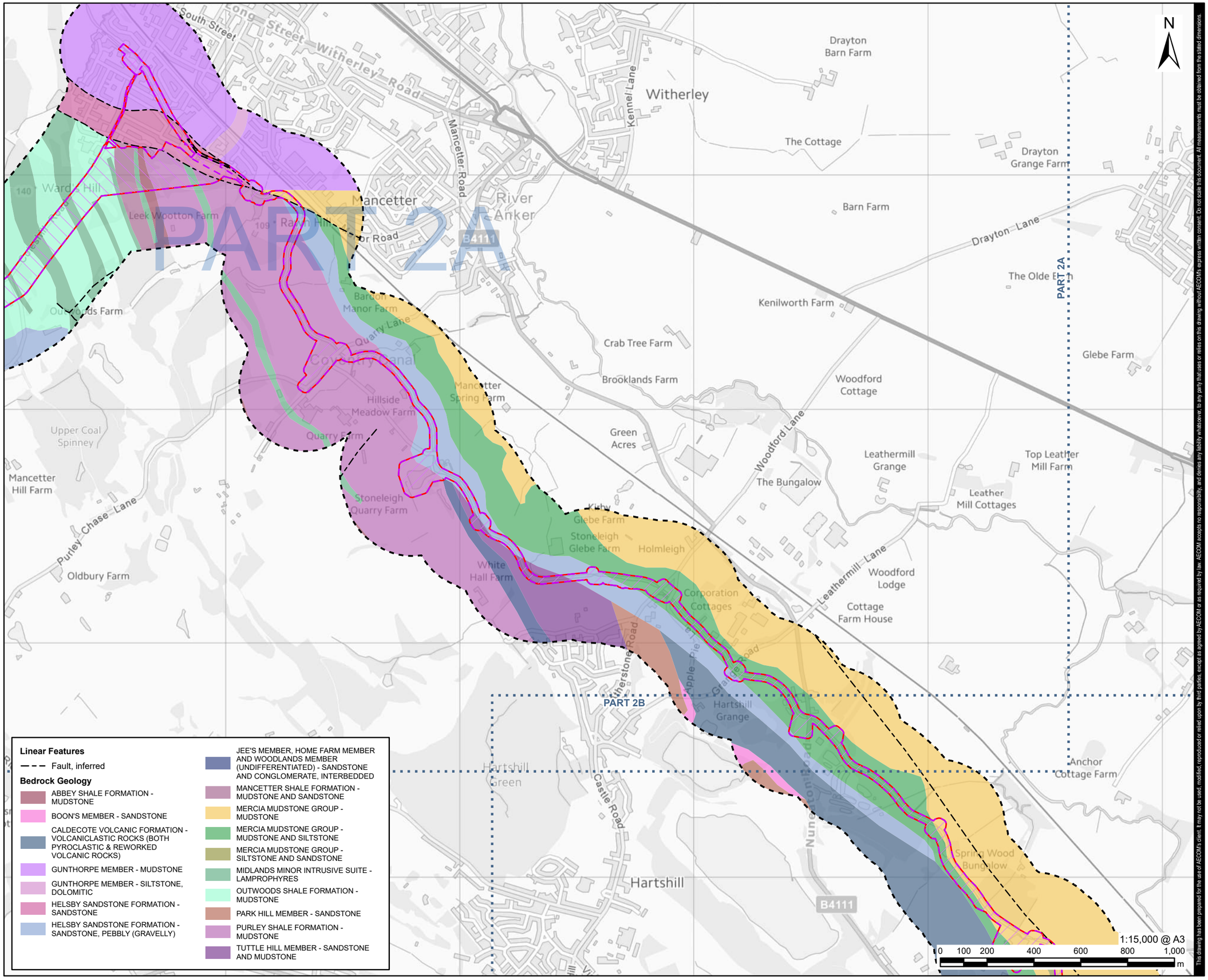
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet D

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



Linear Features

- Fault, inferred

Bedrock Geology

- ABBEY SHALE FORMATION - MUDSTONE
- BOON'S MEMBER - SANDSTONE
- CALDECOTE VOLCANIC FORMATION - VOLCANICLASTIC ROCKS (BOTH PYROCLASTIC & REWORKED VOLCANIC ROCKS)
- GUNTHORPE MEMBER - MUDSTONE
- GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC
- HELSBY SANDSTONE FORMATION - SANDSTONE
- HELSBY SANDSTONE FORMATION - SANDSTONE, PEBBLY (GRAVELLY)
- JEE'S MEMBER, HOME FARM MEMBER AND WOODLANDS MEMBER (UNDIFFERENTIATED) - SANDSTONE AND CONGLOMERATE, INTERBEDDED
- MANCETTER SHALE FORMATION - MUDSTONE AND SANDSTONE
- MERCIA MUDSTONE GROUP - MUDSTONE
- MERCIA MUDSTONE GROUP - MUDSTONE AND SILTSTONE
- MERCIA MUDSTONE GROUP - SILTSTONE AND SANDSTONE
- MIDLANDS MINOR INTRUSIVE SUITE - LAMPROPHYRES
- OUTWOODS SHALE FORMATION - MUDSTONE
- PARK HILL MEMBER - SANDSTONE
- PURLEY SHALE FORMATION - MUDSTONE
- TUTTLE HILL MEMBER - SANDSTONE AND MUDSTONE

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LEGEND

- Part 1b
- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

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FIGURE TITLE

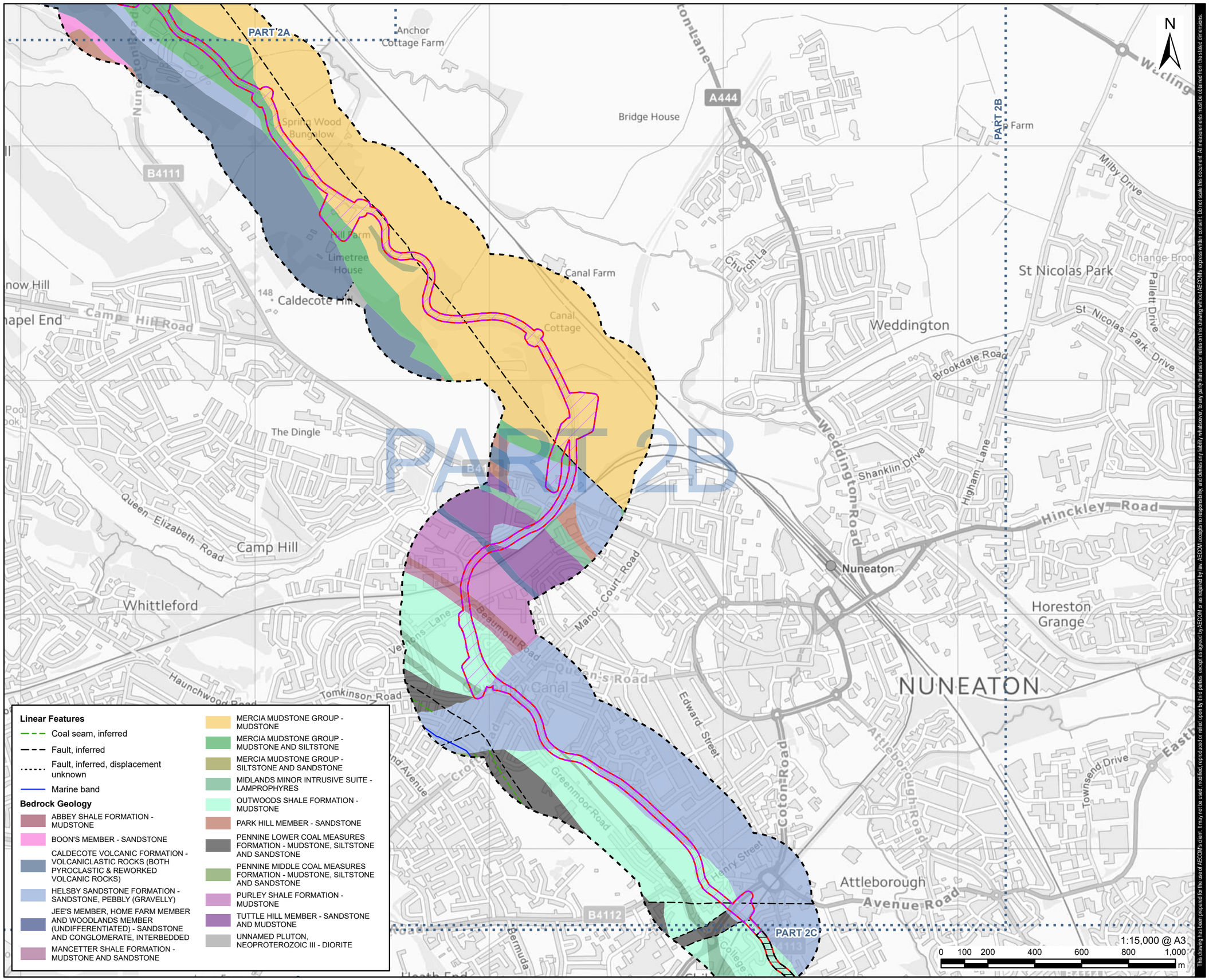
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet E

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



Linear Features

- Coal seam, inferred
- Fault, inferred
- Fault, inferred, displacement unknown
- Marine band

Bedrock Geology

- ABBEY SHALE FORMATION - MUDSTONE
- BOON'S MEMBER - SANDSTONE
- CALDECOTE VOLCANIC FORMATION - VOLCANICLASTIC ROCKS (BOTH PYROCLASTIC & REWORKED VOLCANIC ROCKS)
- HELSBY SANDSTONE FORMATION - SANDSTONE, PEBBLY (GRAVELLY)
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- MERCIA MUDSTONE GROUP - MUDSTONE
- MERCIA MUDSTONE GROUP - MUDSTONE AND SILTSTONE
- MERCIA MUDSTONE GROUP - SILTSTONE AND SANDSTONE
- MIDLANDS MINOR INTRUSIVE SUITE - LAMPROPHYRES
- OUTWOODS SHALE FORMATION - MUDSTONE
- PARK HILL MEMBER - SANDSTONE
- PENNINE LOWER COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE
- PURLEY SHALE FORMATION - MUDSTONE
- TUTTLE HILL MEMBER - SANDSTONE AND MUDSTONE
- UNNAMED PLUTON, NEOPROTEROZOIC III - DIORITE

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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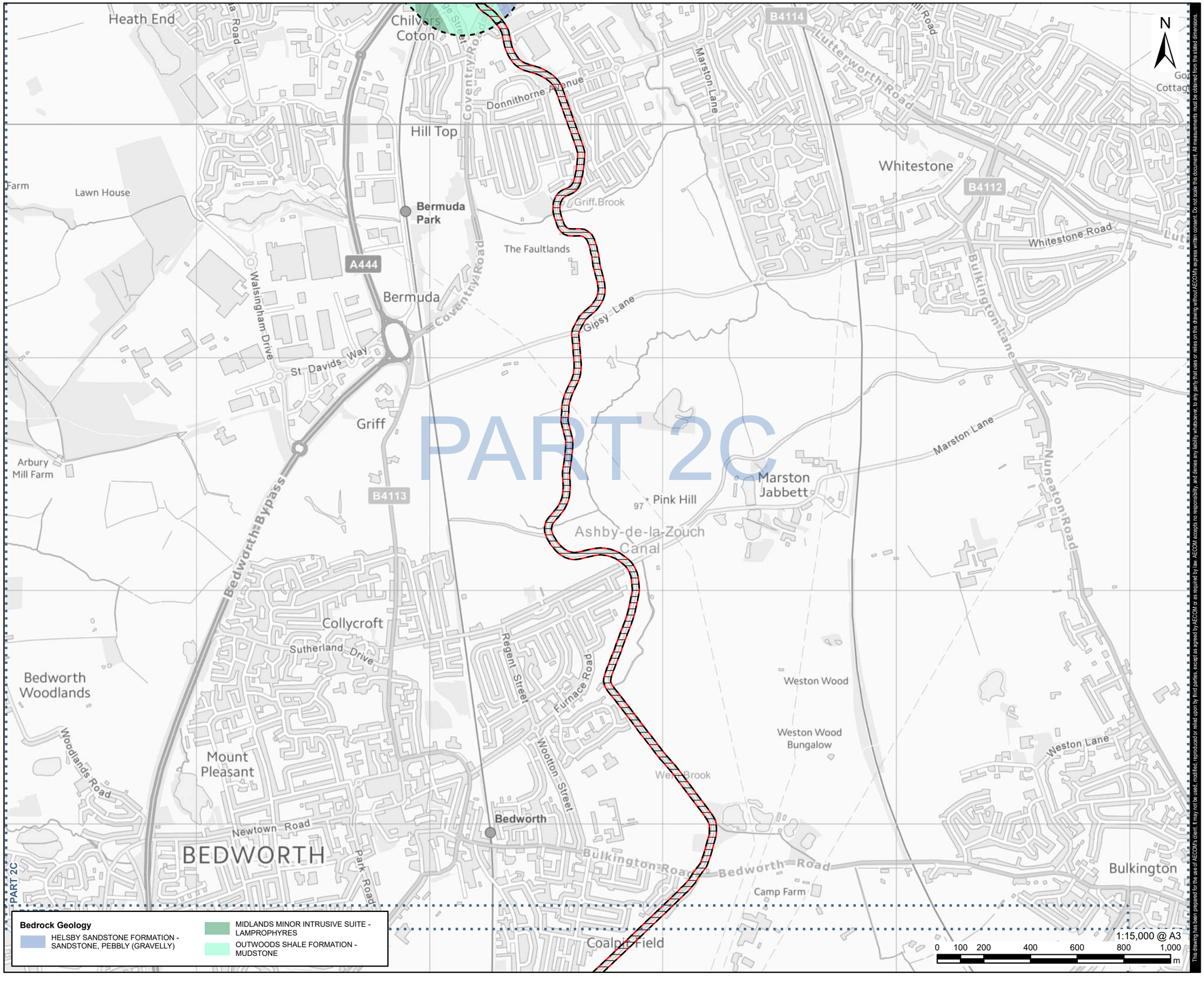
Parts 1-4 Map Indicating Bedrock Geology and Linear Features
Sheet F

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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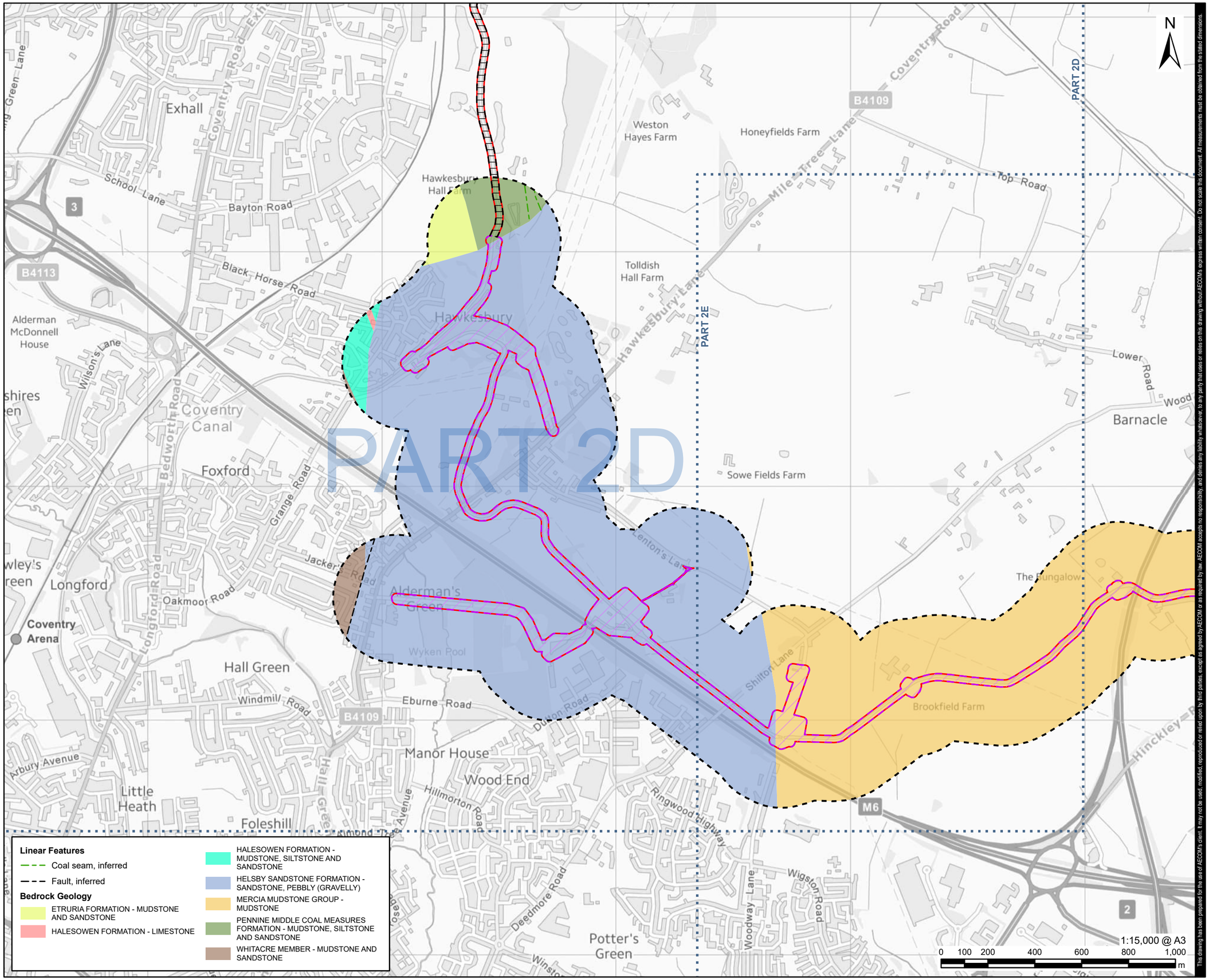
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet G

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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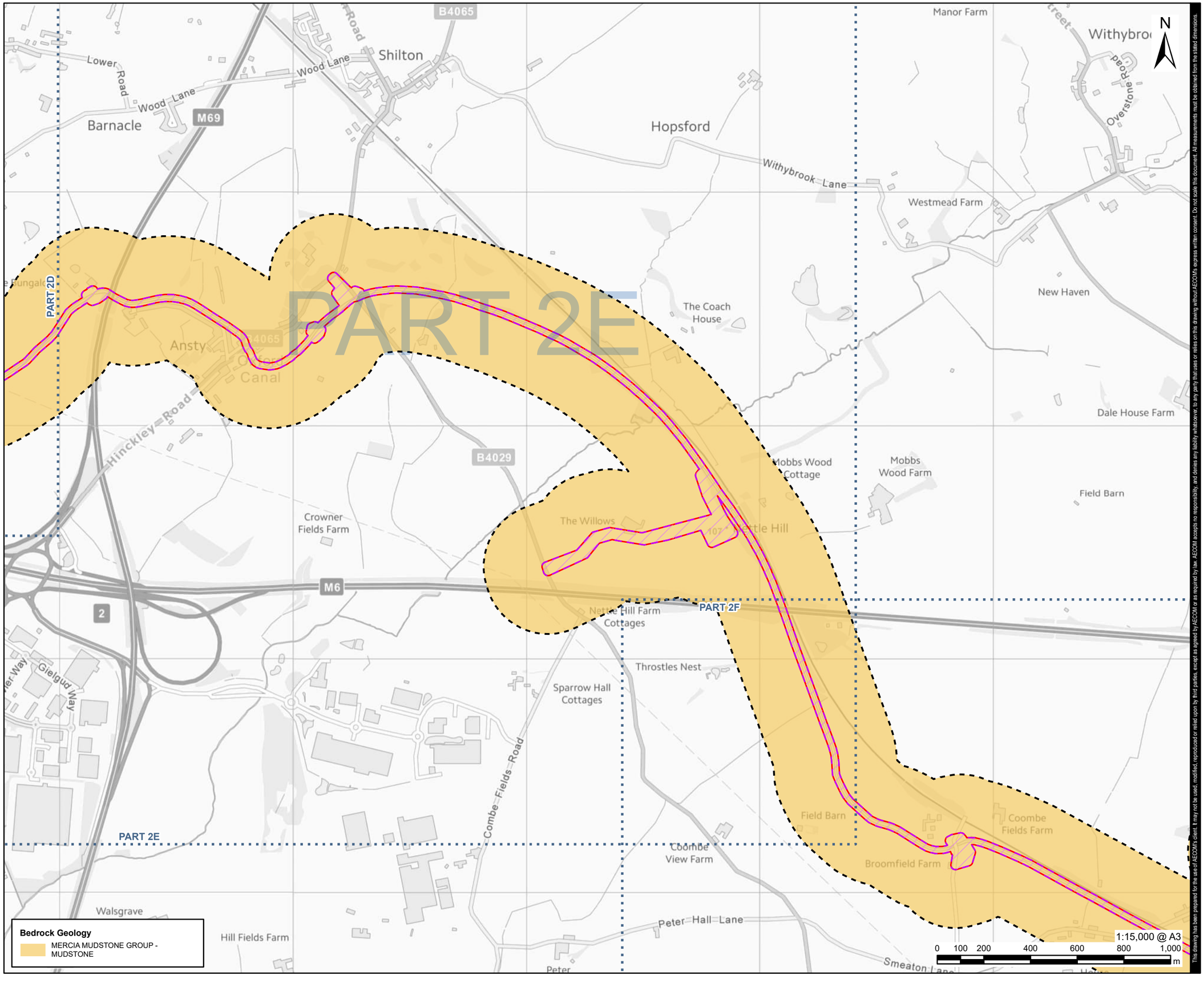
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet H

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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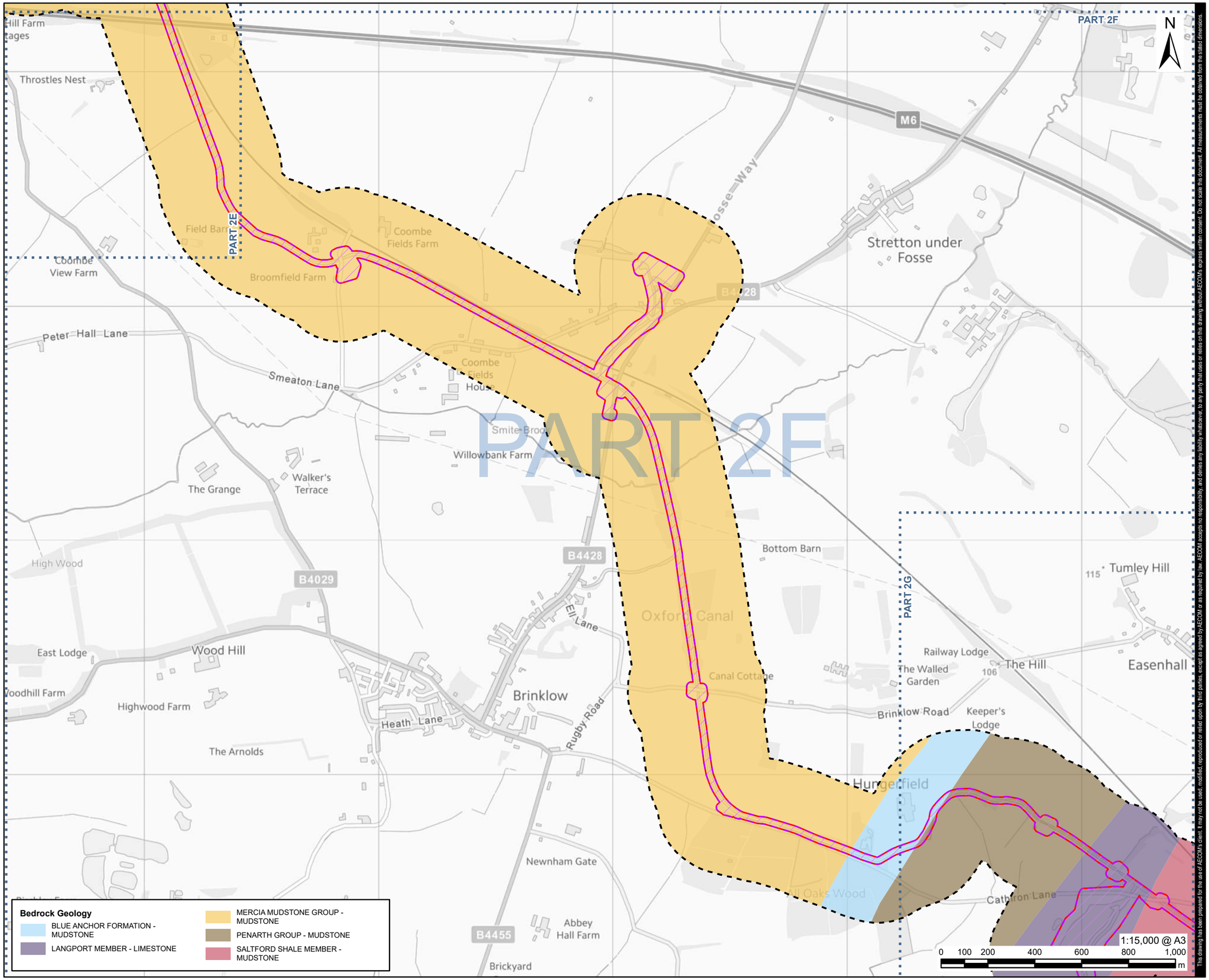
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet I

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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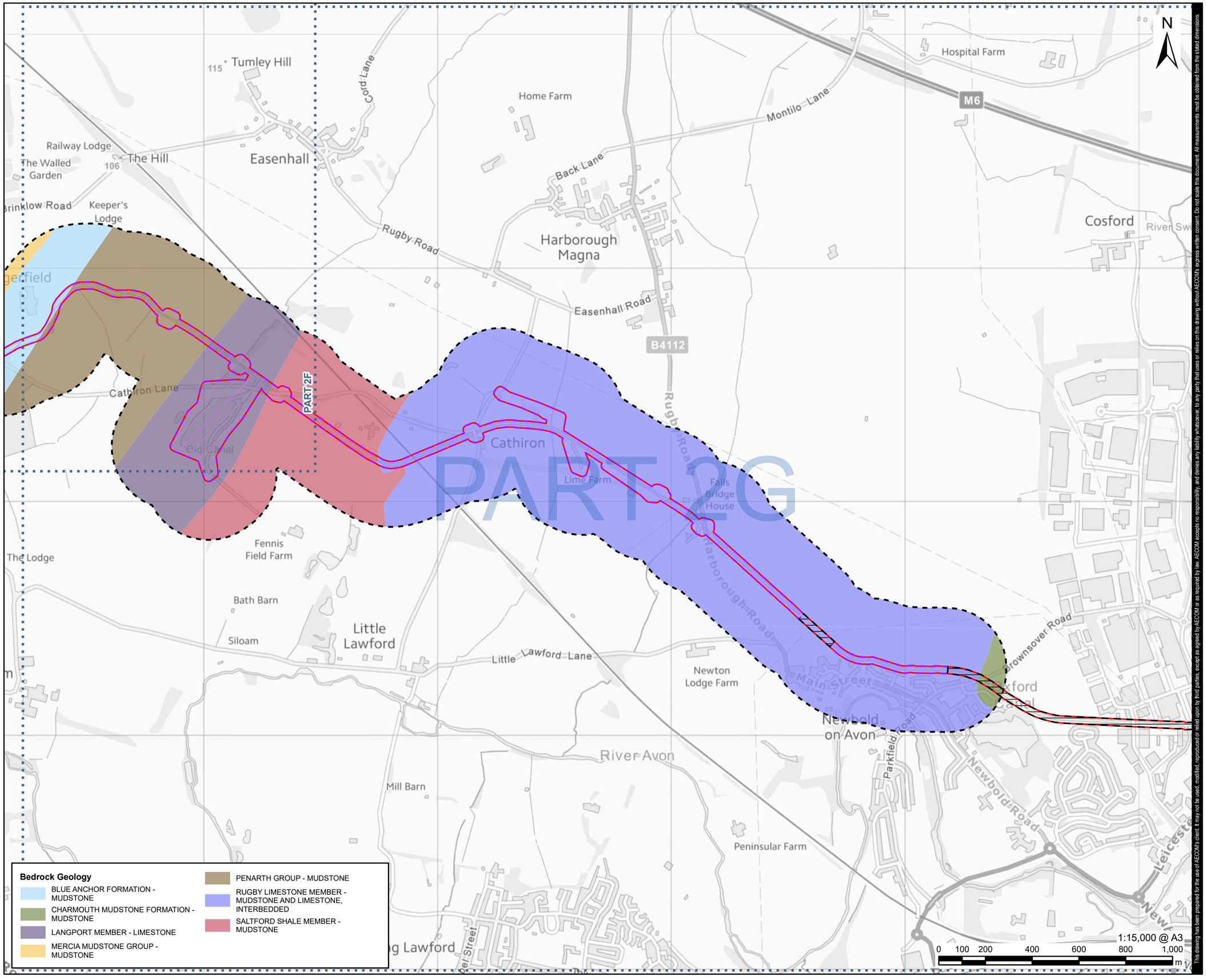
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet J

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



Bedrock Geology

- BLUE ANCHOR FORMATION - MUDSTONE
- CHARMOUTH MUDSTONE FORMATION - MUDSTONE
- LANGPORT MEMBER - LIMESTONE
- MERCIA MUDSTONE GROUP - MUDSTONE
- PENARTH GROUP - MUDSTONE
- RUGBY LIMESTONE MEMBER - MUDSTONE AND LIMESTONE, INTERBEDDED
- SALTFORD SHALE MEMBER - MUDSTONE

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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ISSUE PURPOSE

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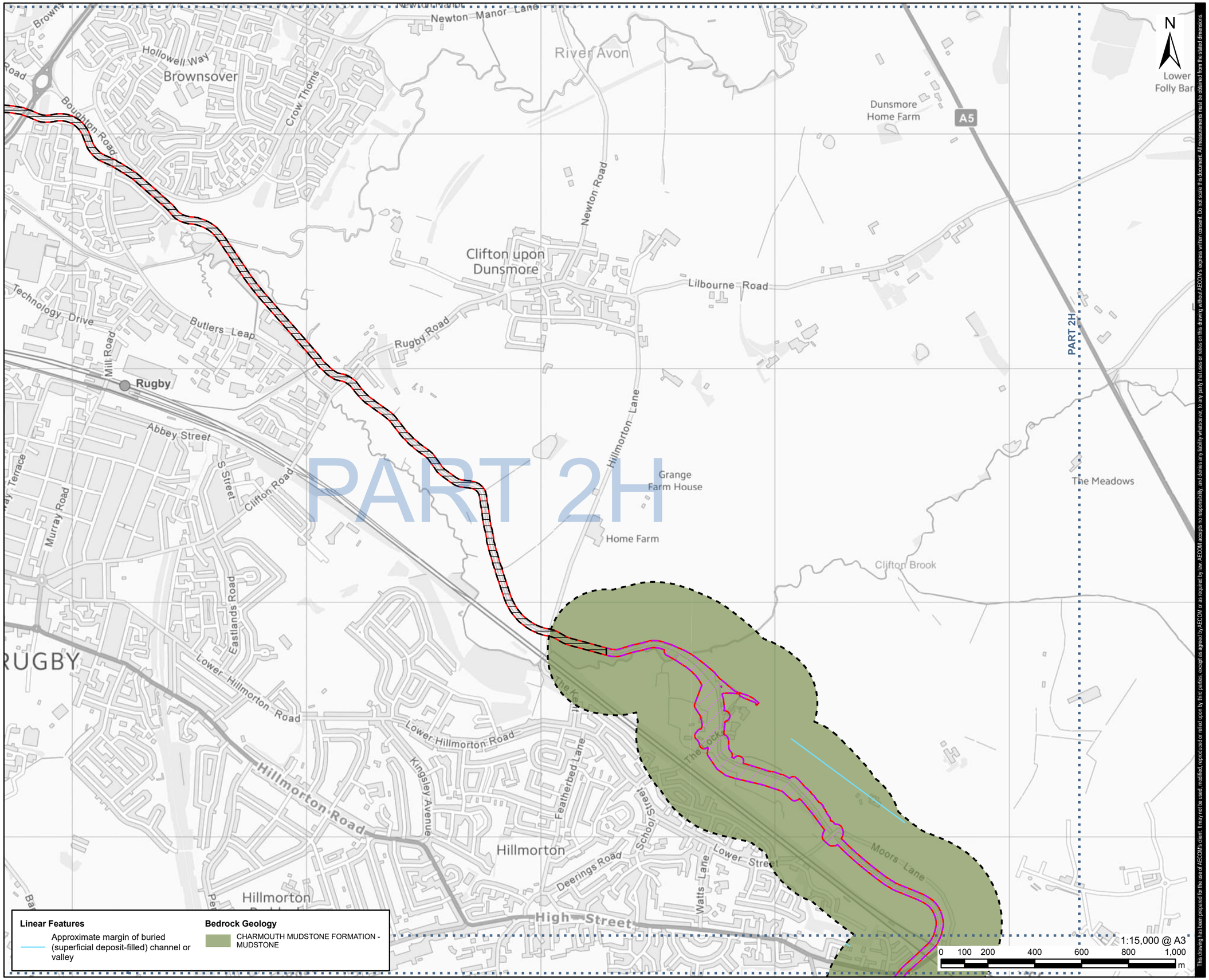
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet K

FIGURE NUMBER

Figure 14-3

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Linear Features

- Approximate margin of buried (superficial deposit-filled) channel or valley

Bedrock Geology

- CHARMOUTH MUDSTONE FORMATION - MUDSTONE

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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ISSUE PURPOSE

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PROJECT NUMBER

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FIGURE TITLE

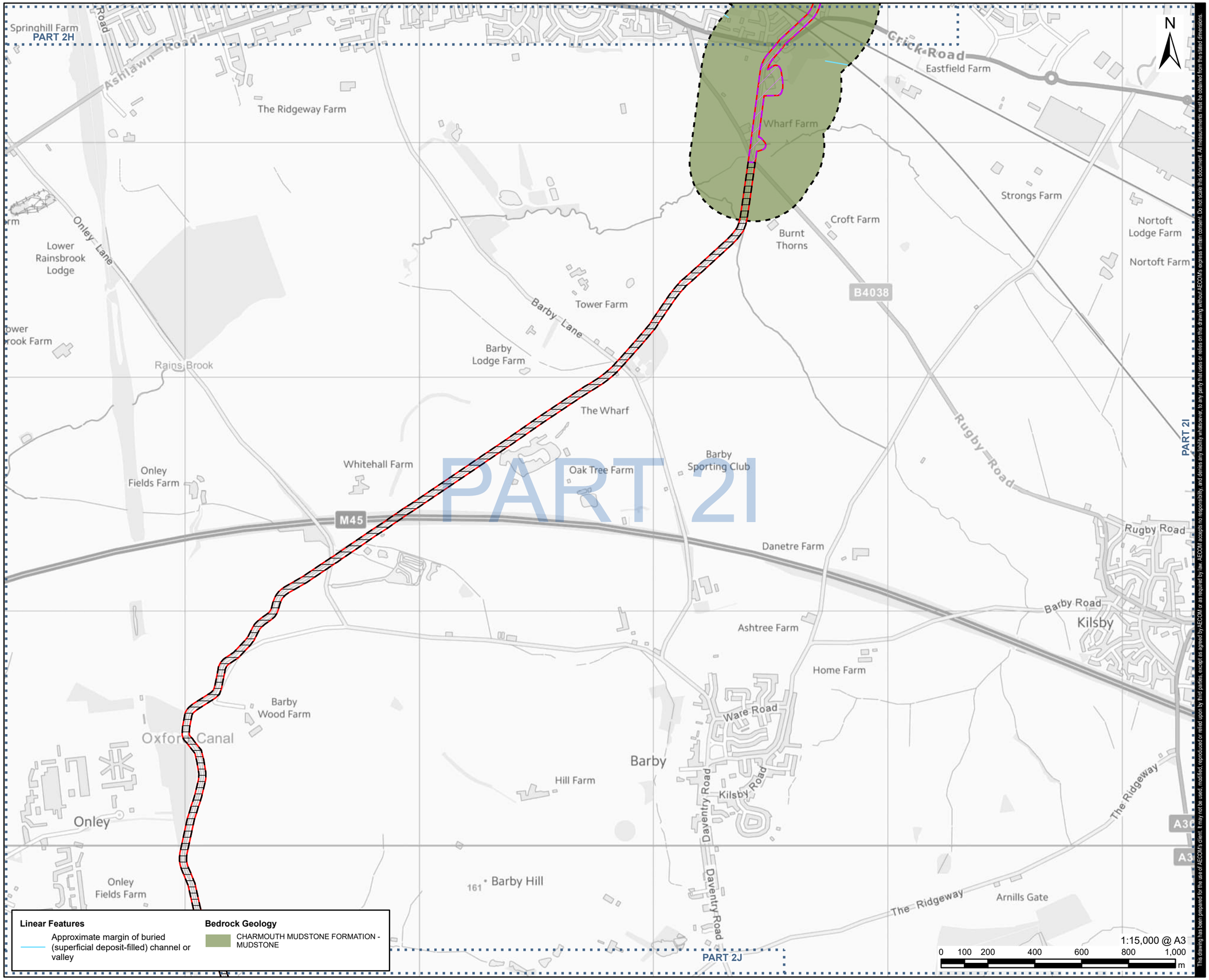
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet L

FIGURE NUMBER

Figure 14-3

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
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- 250m Study Area for Geology, Land Contamination and Hydrogeology
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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

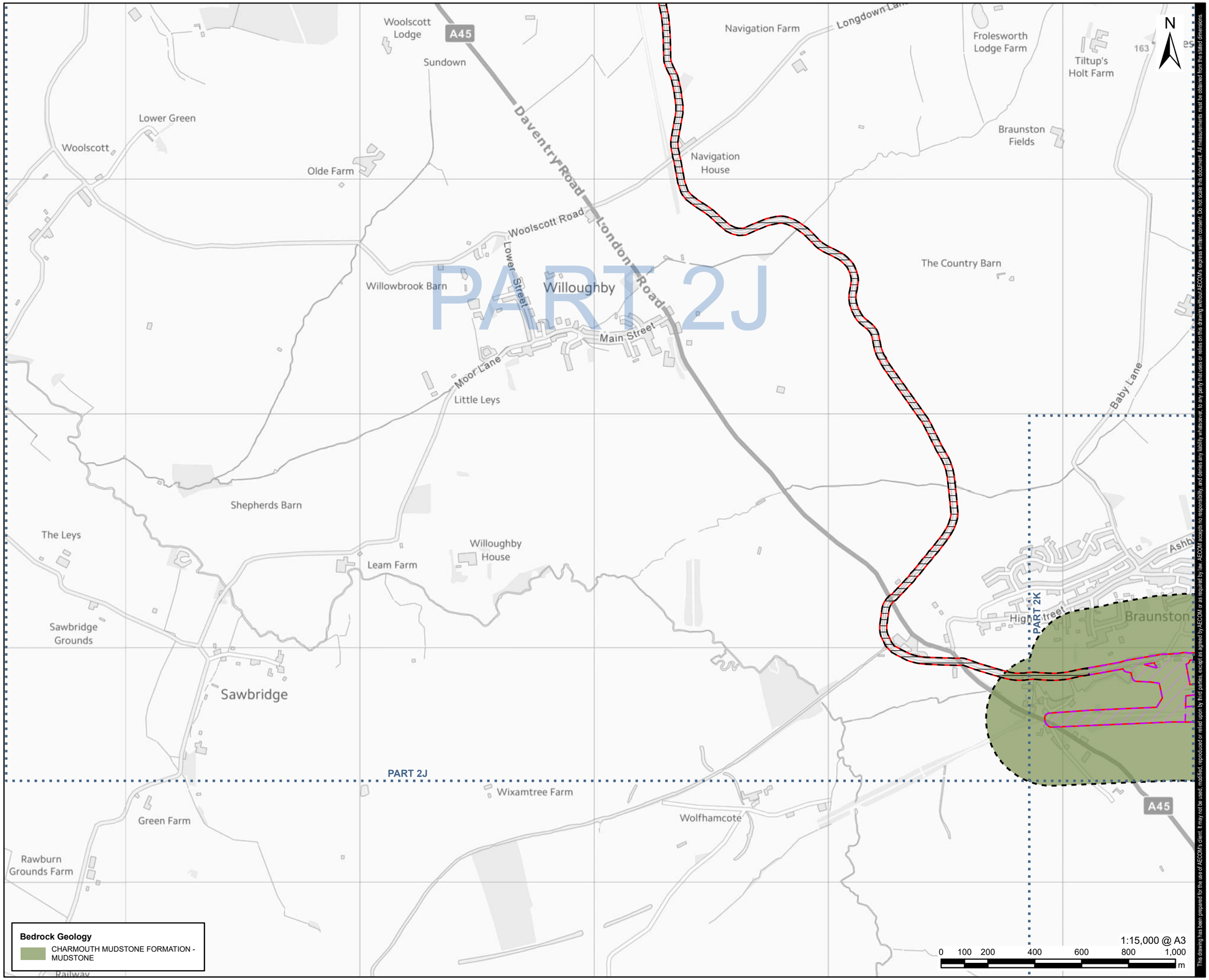
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet M

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



PART 2J

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 3
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

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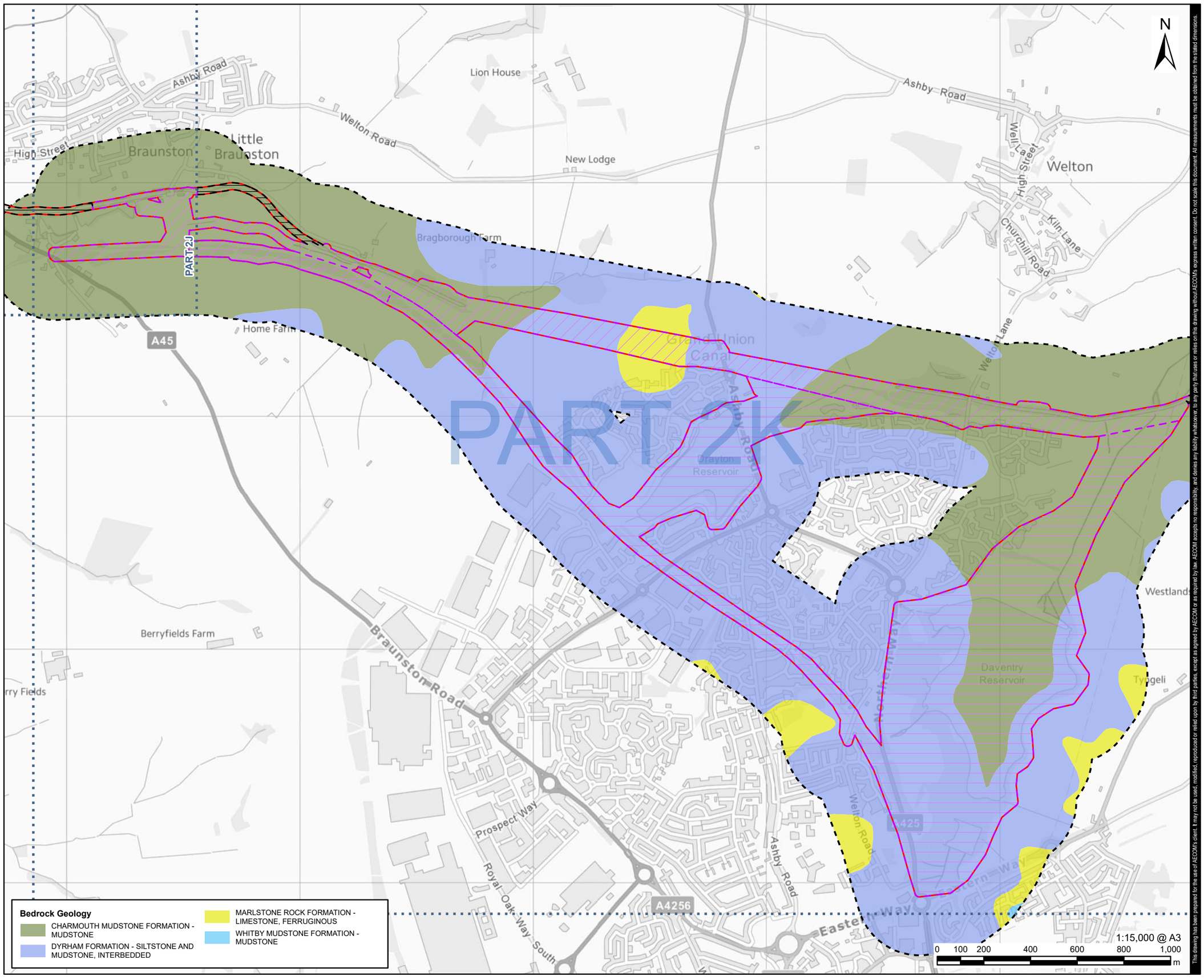
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet N

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 3
- Part 2 Areas
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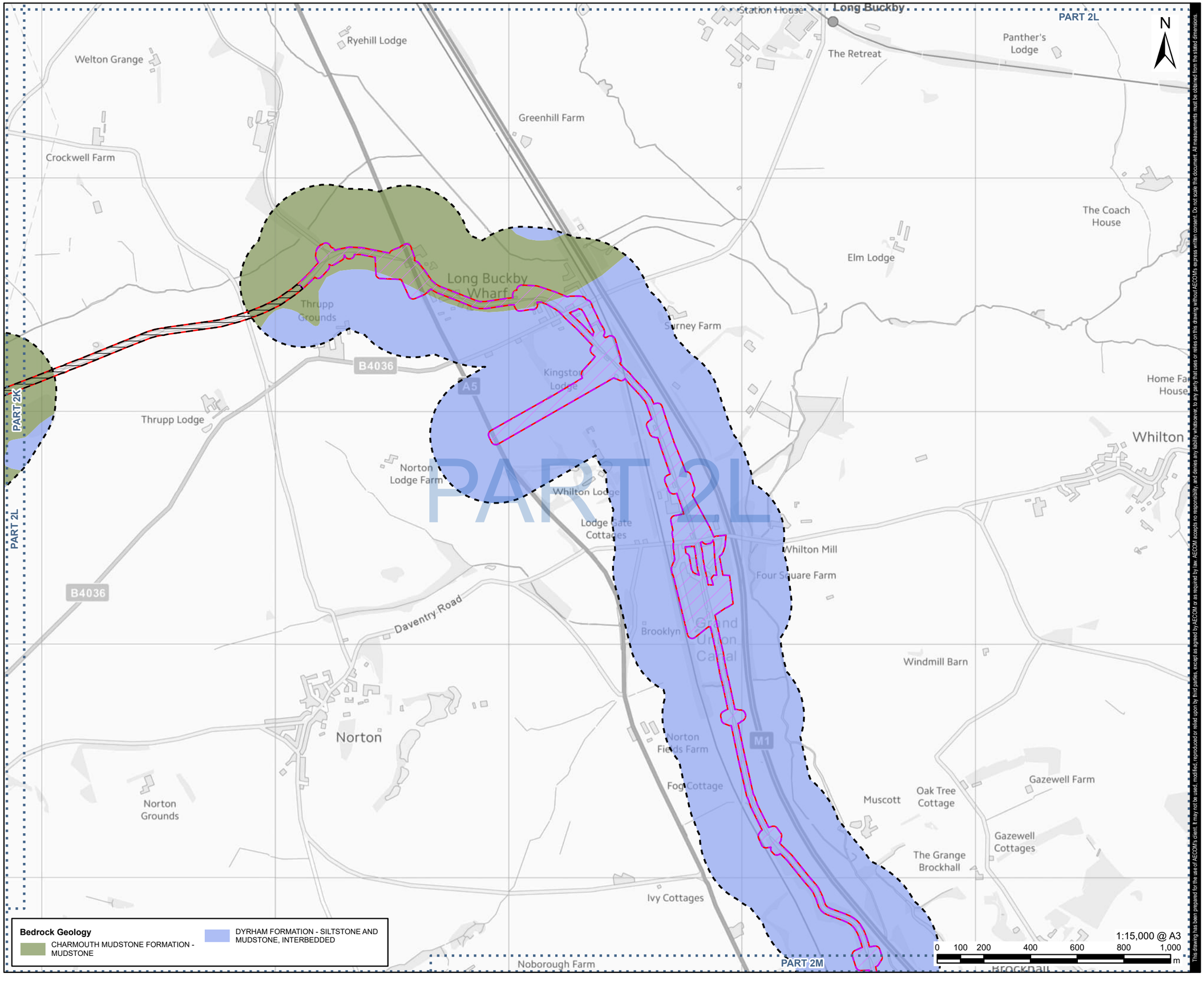
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet O

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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ISSUE PURPOSE

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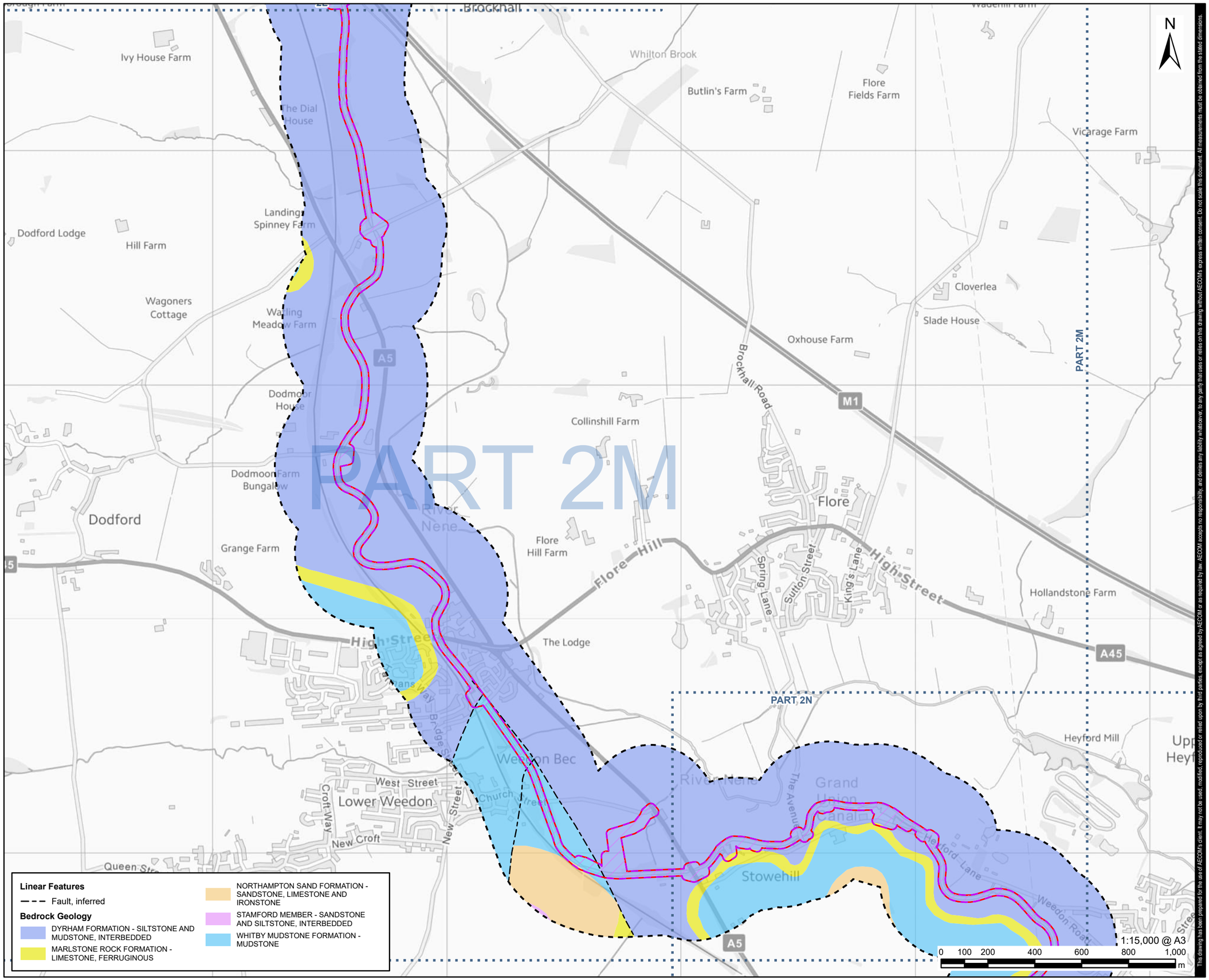
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet P

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



Linear Features

- Fault, inferred

Bedrock Geology

- DYRHAM FORMATION - SILTSTONE AND MUDSTONE, INTERBEDDED
- MARLSTONE ROCK FORMATION - LIMESTONE, FERRUGINOUS
- NORTHAMPTON SAND FORMATION - SANDSTONE, LIMESTONE AND IRONSTONE
- STAMFORD MEMBER - SANDSTONE AND SILTSTONE, INTERBEDDED
- WHITBY MUDSTONE FORMATION - MUDSTONE

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LEGEND

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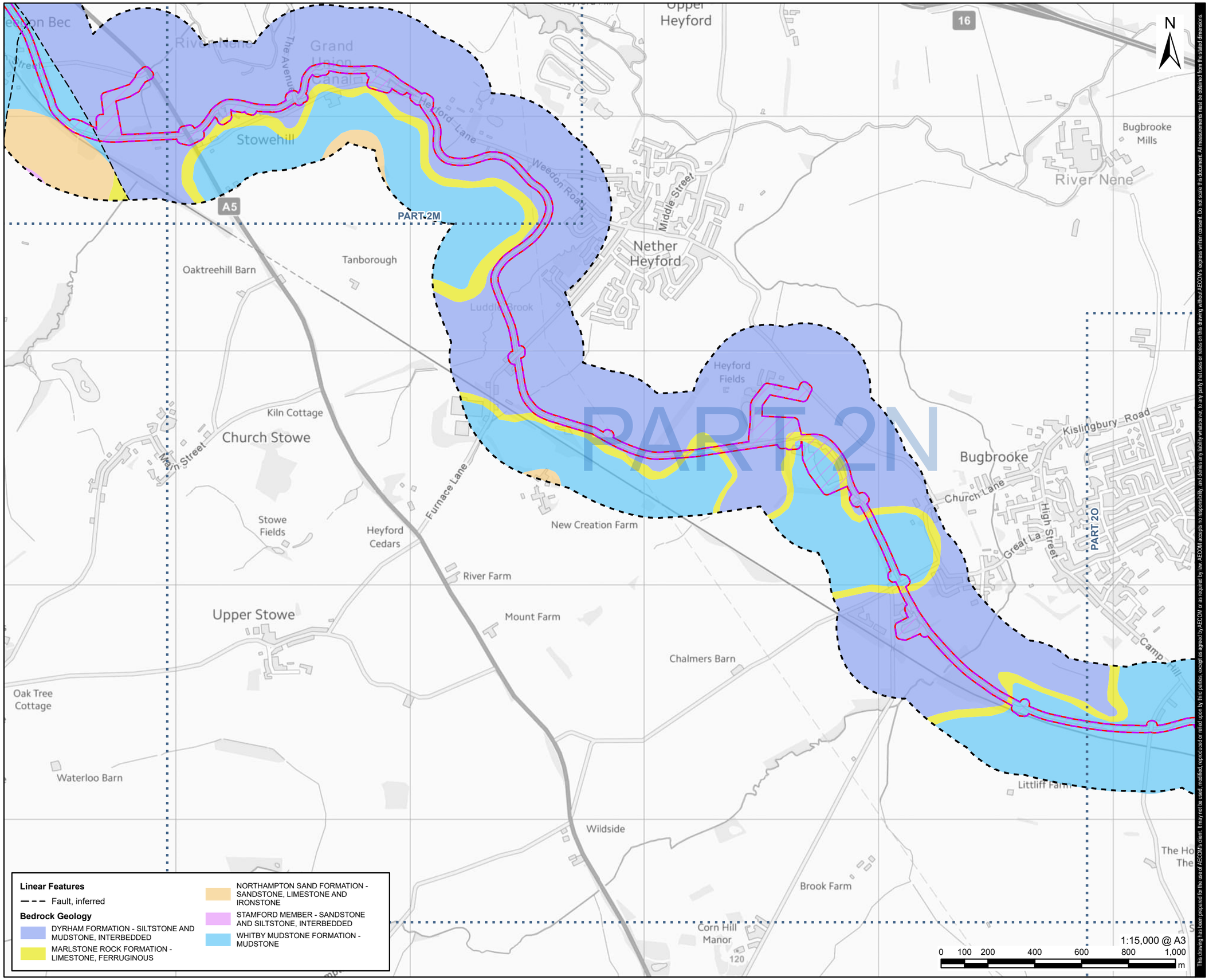
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet Q

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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Linear Features

- Fault, inferred

Bedrock Geology

- DYRHAM FORMATION - SILTSTONE AND MUDSTONE, INTERBEDDED
- MARLSTONE ROCK FORMATION - LIMESTONE, FERRUGINOUS
- NORTHAMPTON SAND FORMATION - SANDSTONE, LIMESTONE AND IRONSTONE
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LEGEND

- Part 2 - Indicative Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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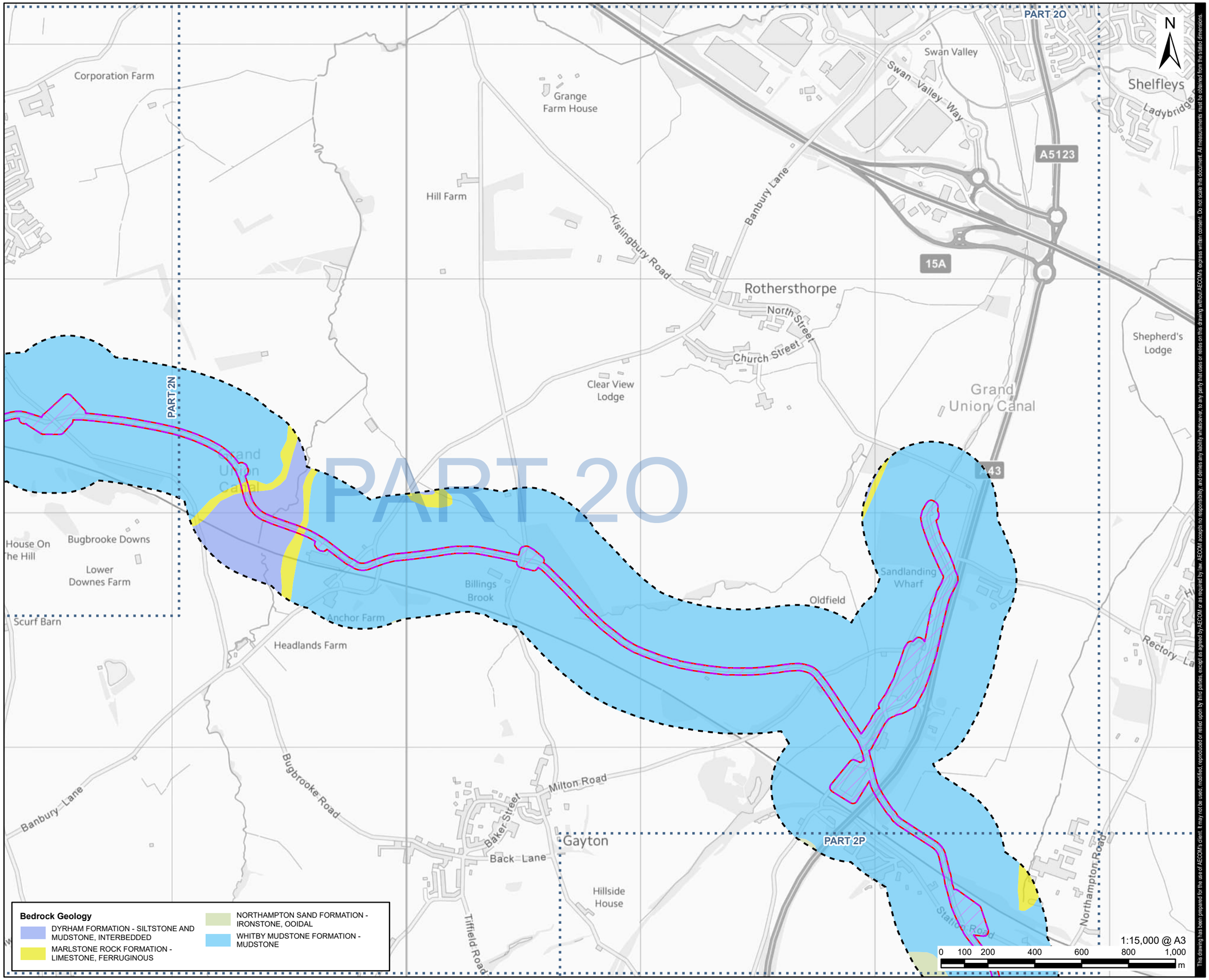
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet R

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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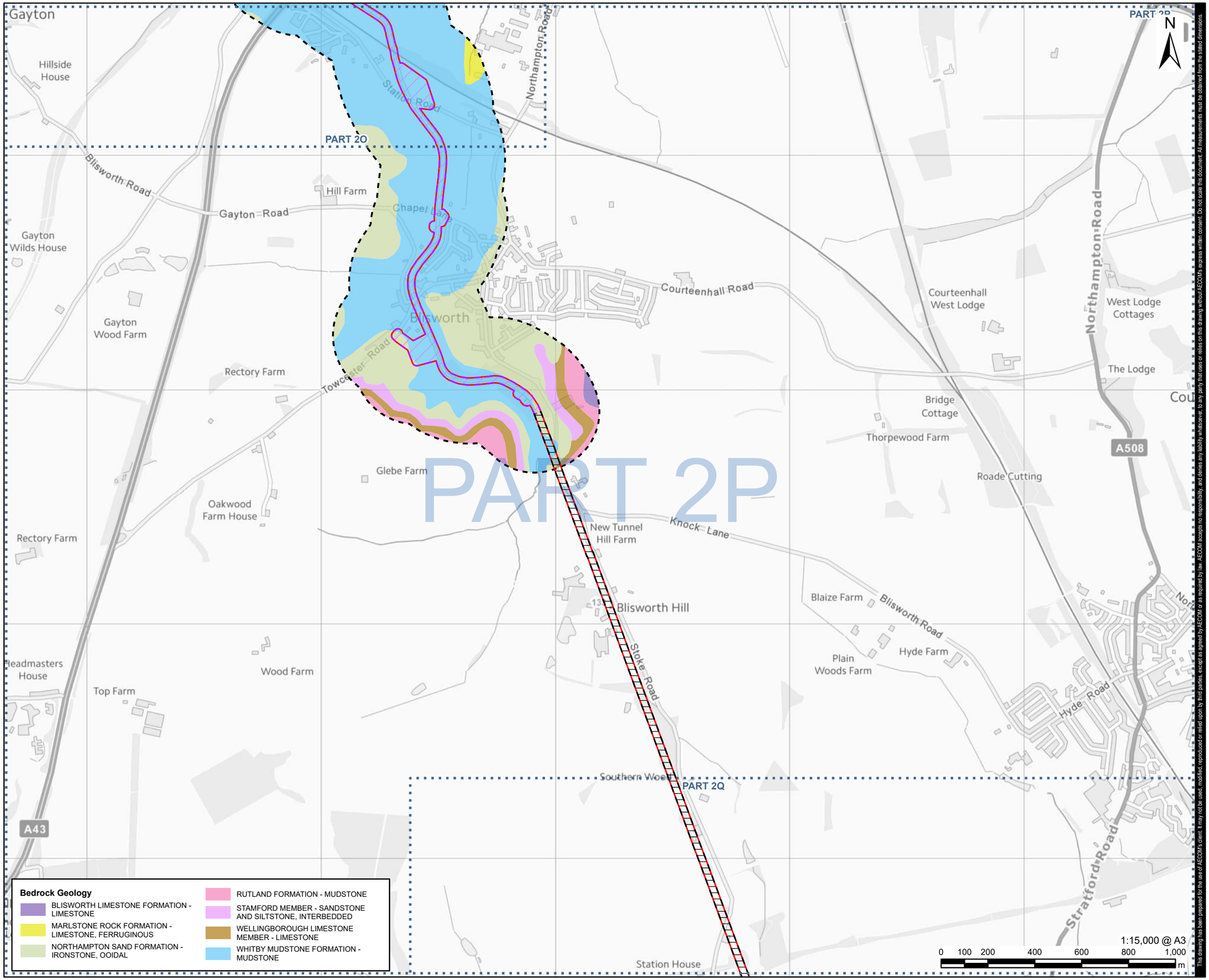
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet S

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
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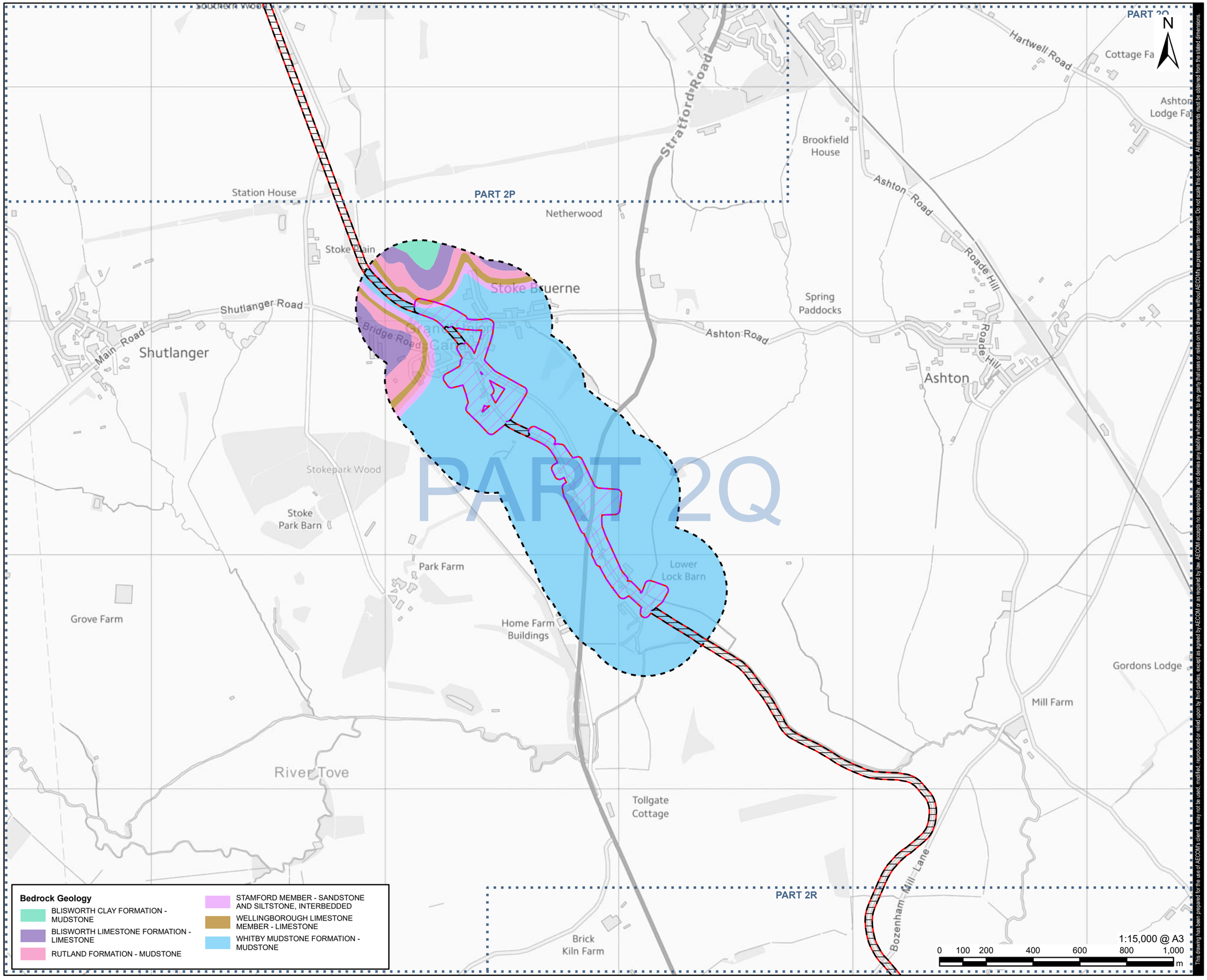
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet T

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
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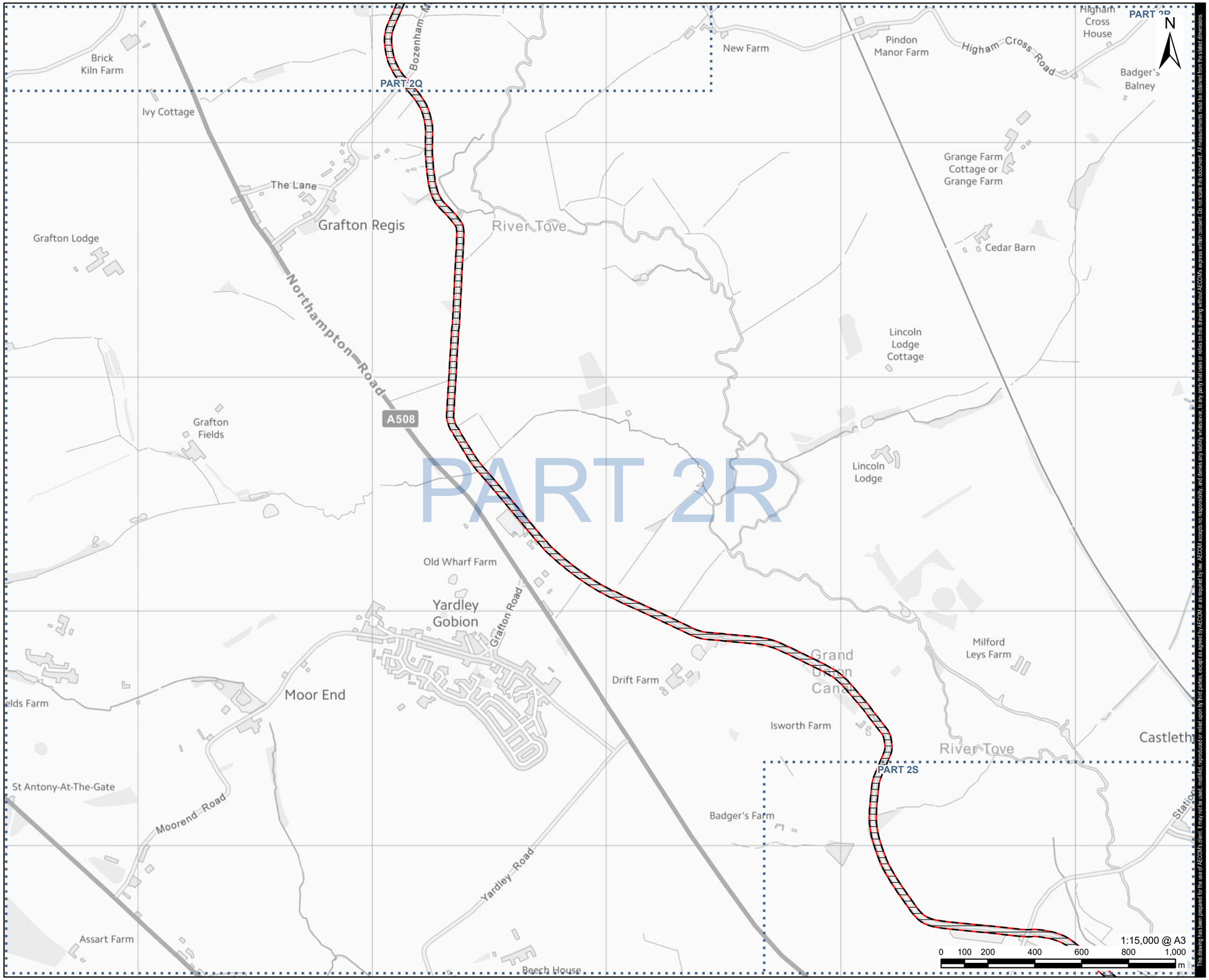
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet U

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

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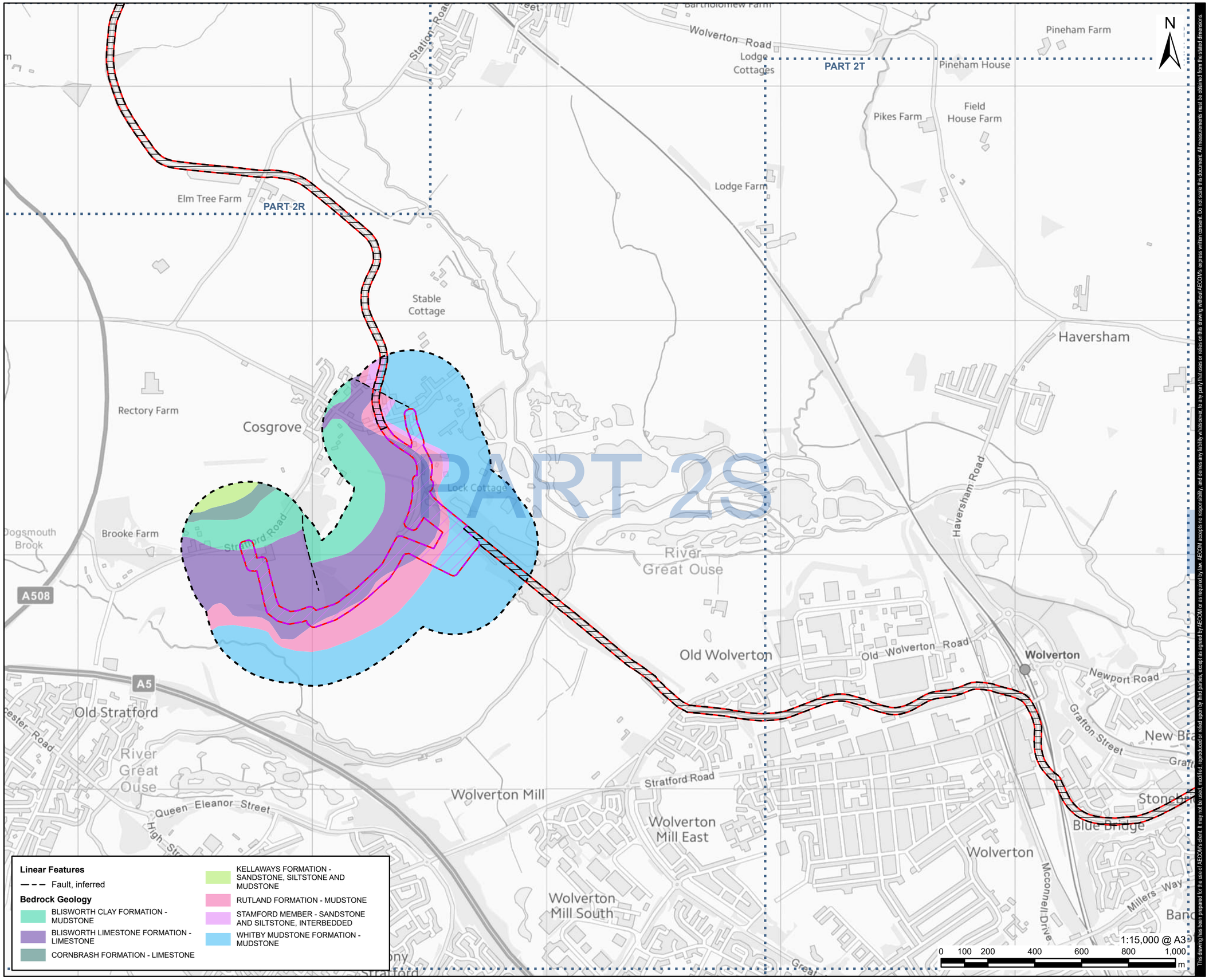
Parts 1-4 Map Indicating Bedrock Geology and Linear Features
Sheet V

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Work Area
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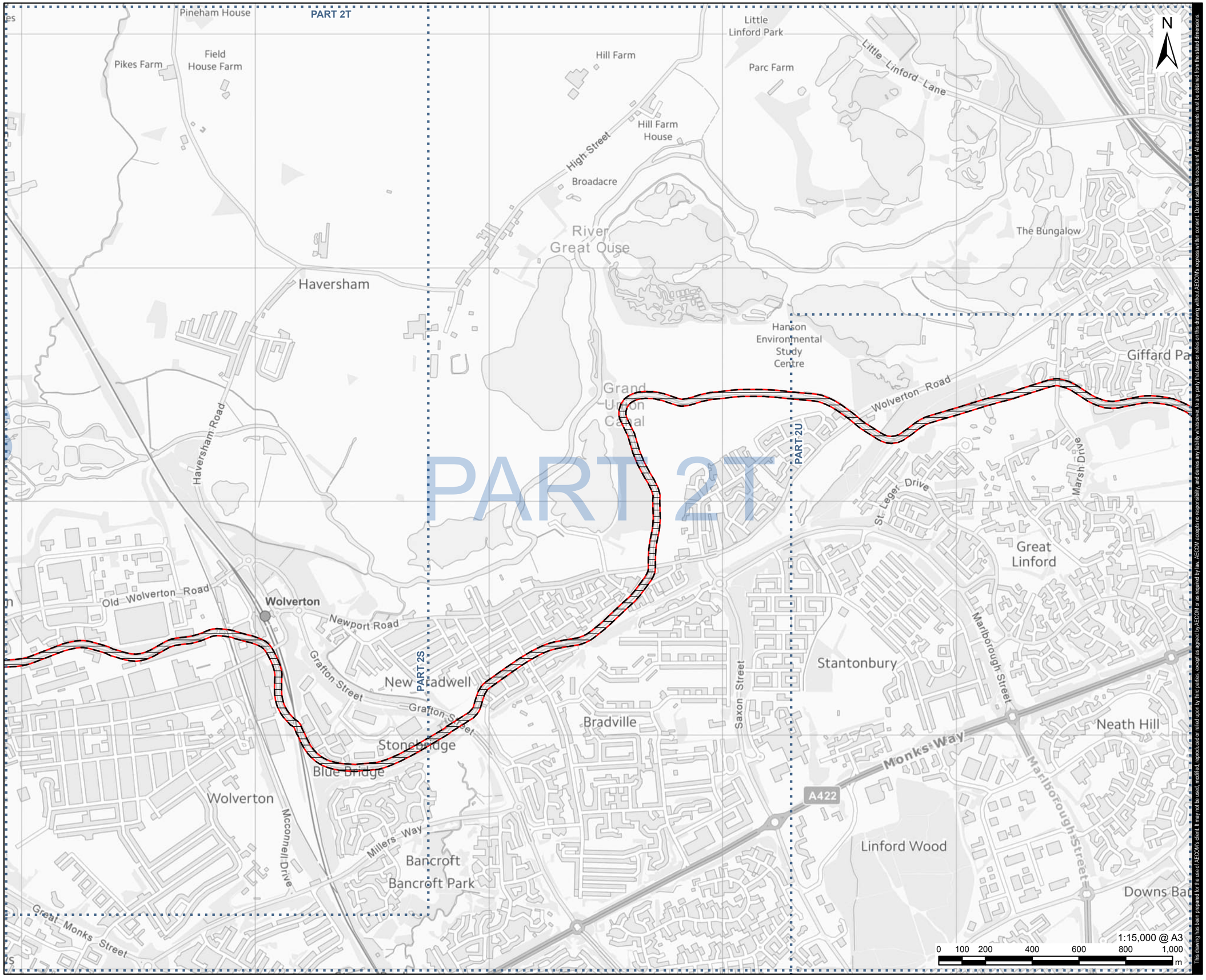
Parts 1-4 Map Indicating Bedrock Geology and Linear Features
Sheet W

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Non-Work Area
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- EIA Scoping Boundary

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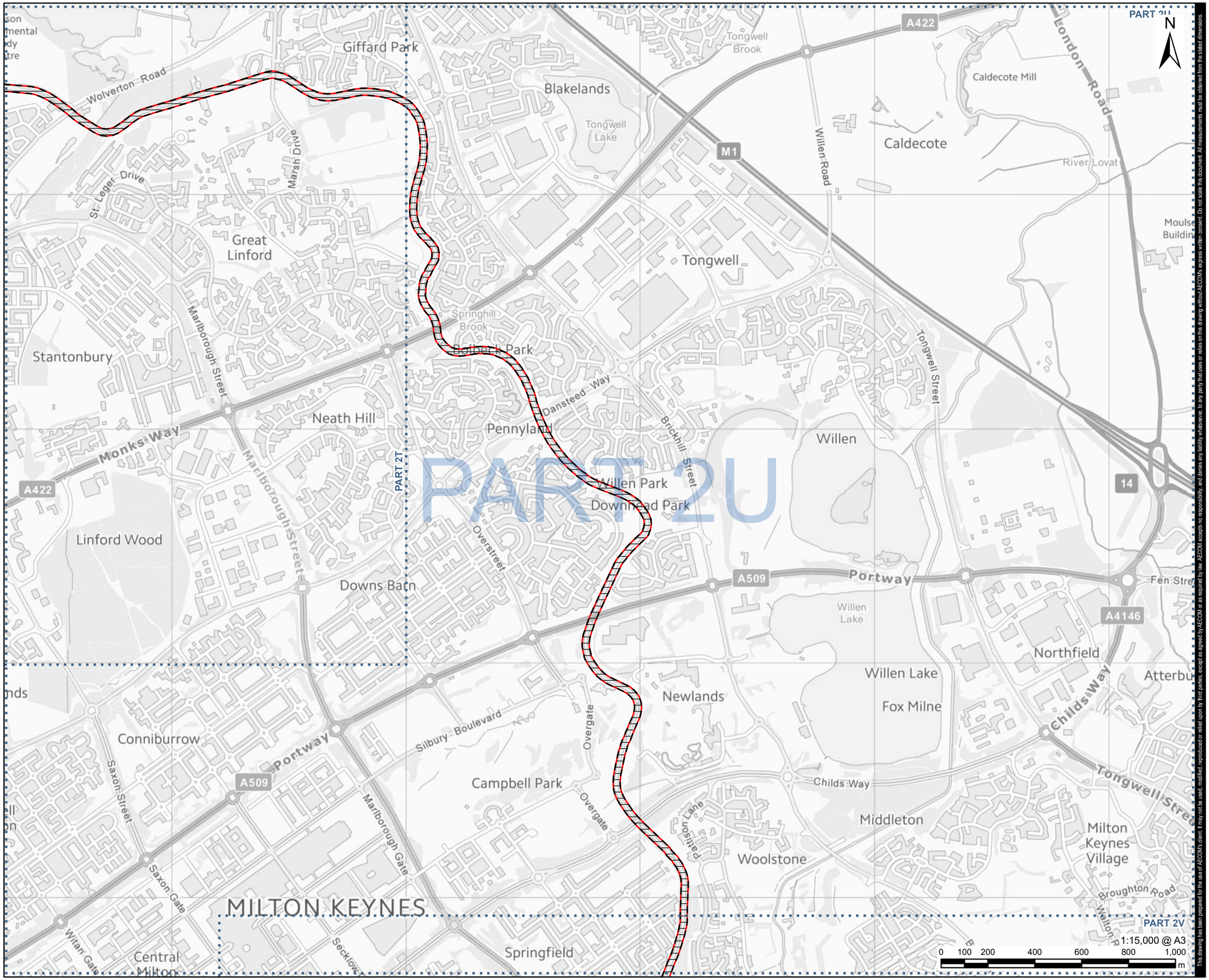
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet X

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

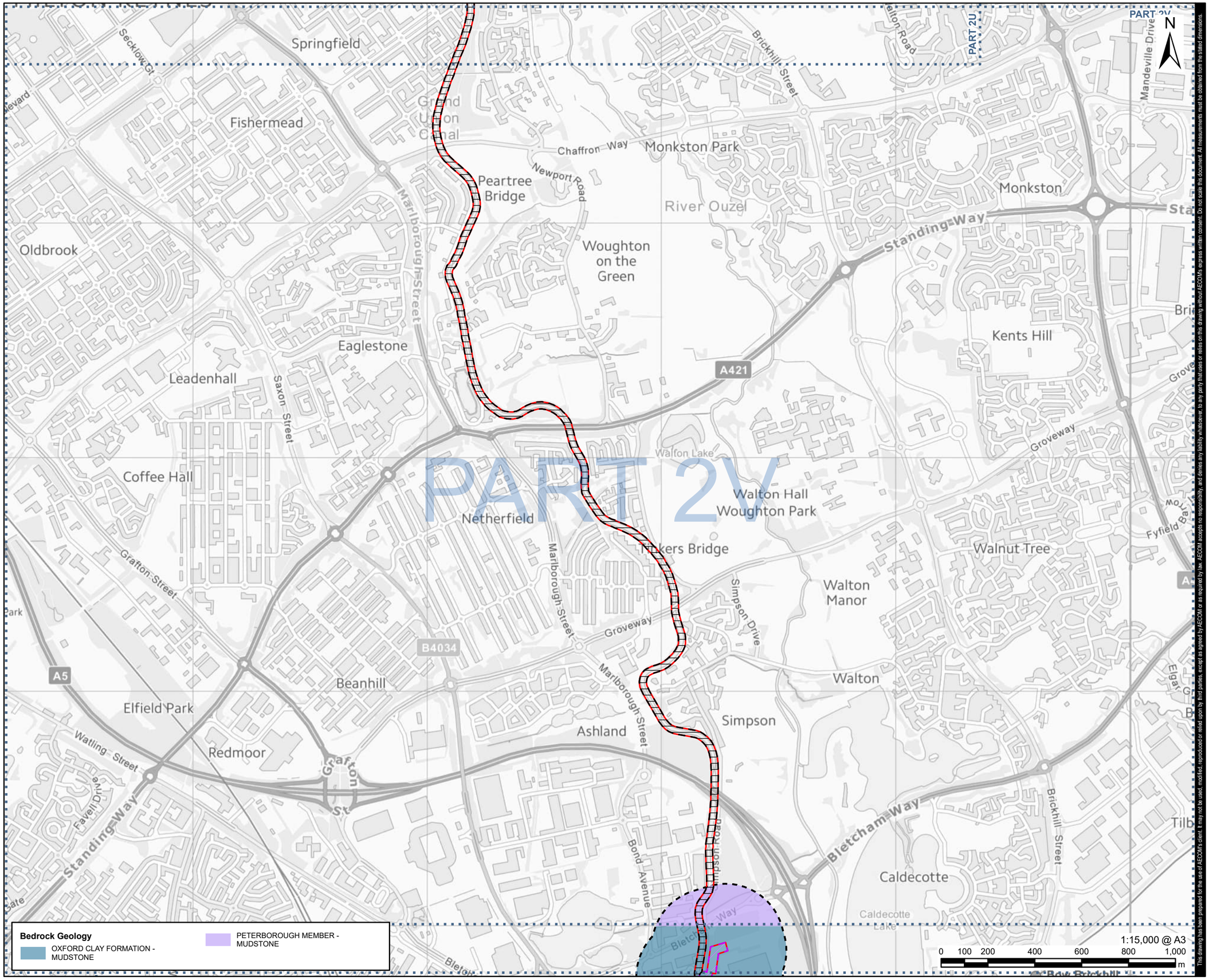
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet Y

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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CONSULTANT

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

60720432

FIGURE TITLE

Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet Z

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx

PART 2V

PART 2W

PART 2X

Bletchley
Denbigh West
Fenny Stratford
Water Eaton
Bow Brickhill
Little Brickhill
Cross Roads Farm
Pullman
Model Farm
Galleylane Farm
Bryerley Springs Farm
St Margarets Farm
Stoke House Farm
The Old Dairy Farm
Westfield Farm
North Middle Lodge
West Lodge
Lodgehill
Bletchley Lake
Bletchley Park
Grand Union Canal
River Ouzel
Bletchley Road
Whaddon Way
Whalley Drive
Sherwood Drive
Saxon Street
Princes Way
Queensway
Victoria Road
Aylesbury Street
Bilton Road
Manor Road
Duncombe Street
Green Road
Buckingham Road
Water Eaton Road
Watling Street
Station Road
Draycon Road
Lomond Drive
Galley Lane
Mill Lane
A5
A4146

Bedrock Geology

- OXFORD CLAY FORMATION - MUDSTONE
- PETERBOROUGH MEMBER - MUDSTONE
- WEST WALTON FORMATION - MUDSTONE
- WOBURN SANDS FORMATION - SANDSTONE

1:15,000 @ A3

0 100 200 400 600 800 1,000 m

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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4a - Site B
- Part 4b - SP2
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

FINAL

PROJECT NUMBER

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FIGURE TITLE

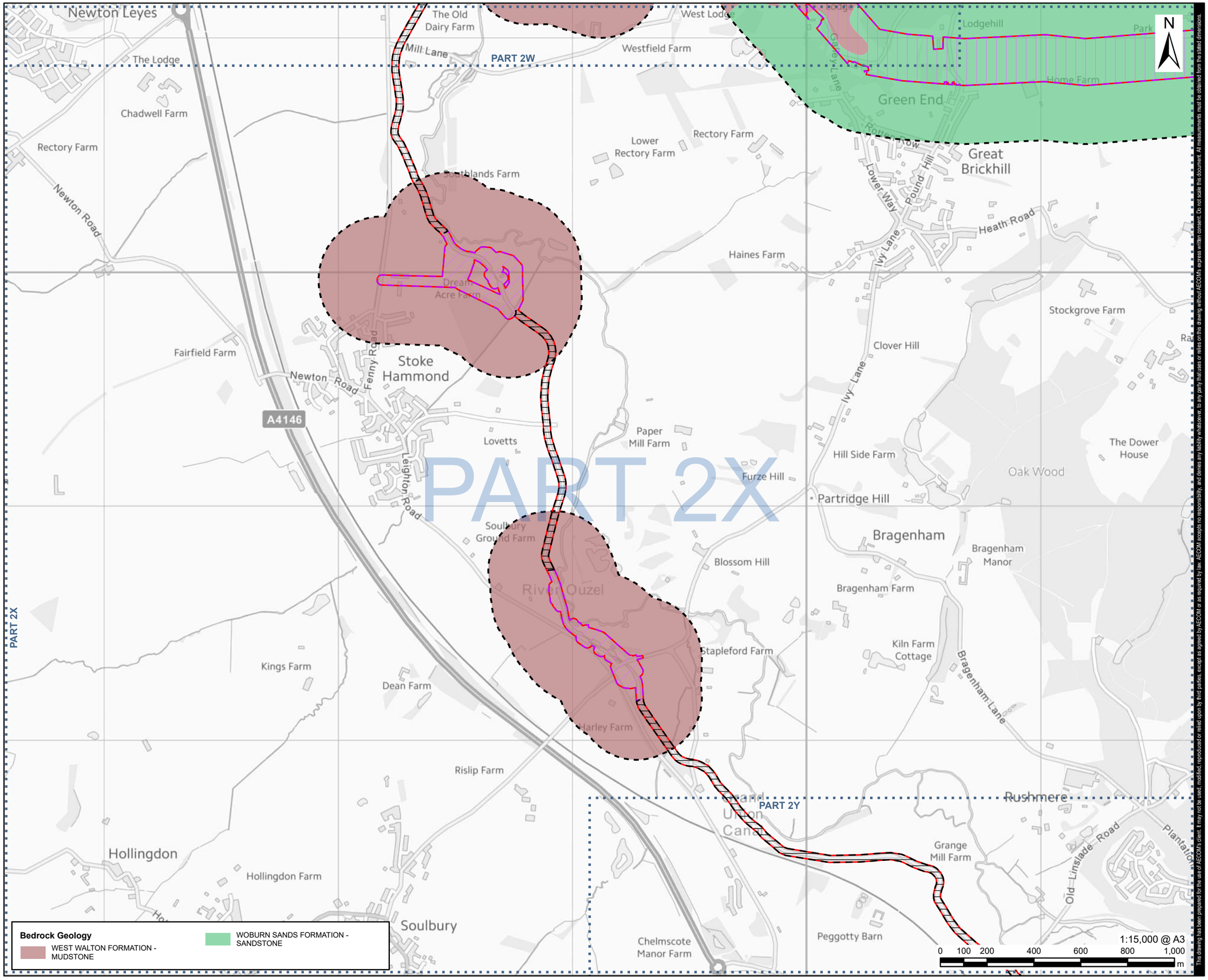
Parts 1-4 Map Indicating Bedrock Geology and Linear Features
Sheet AA

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

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FIGURE TITLE

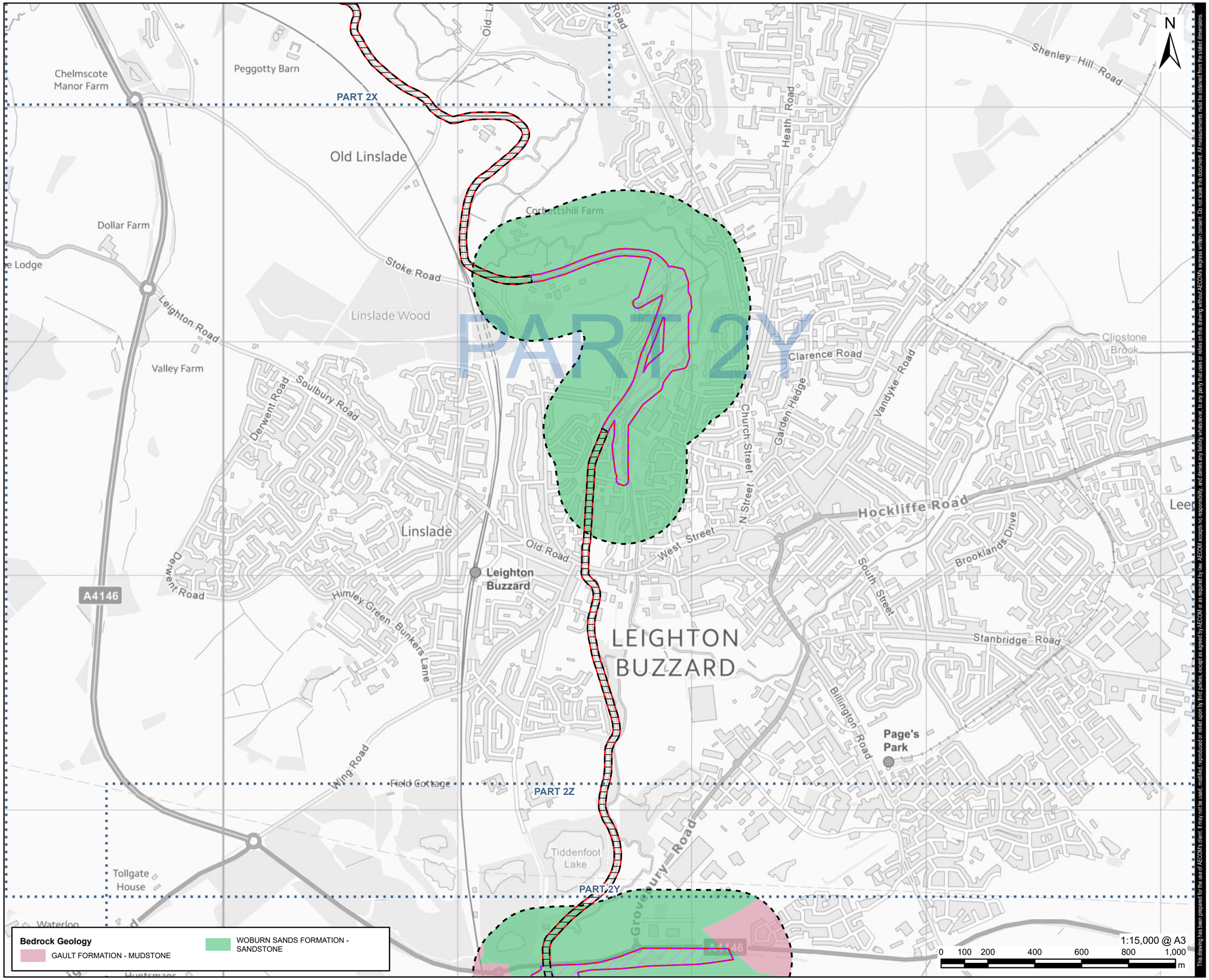
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AB

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Mimworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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FIGURE TITLE

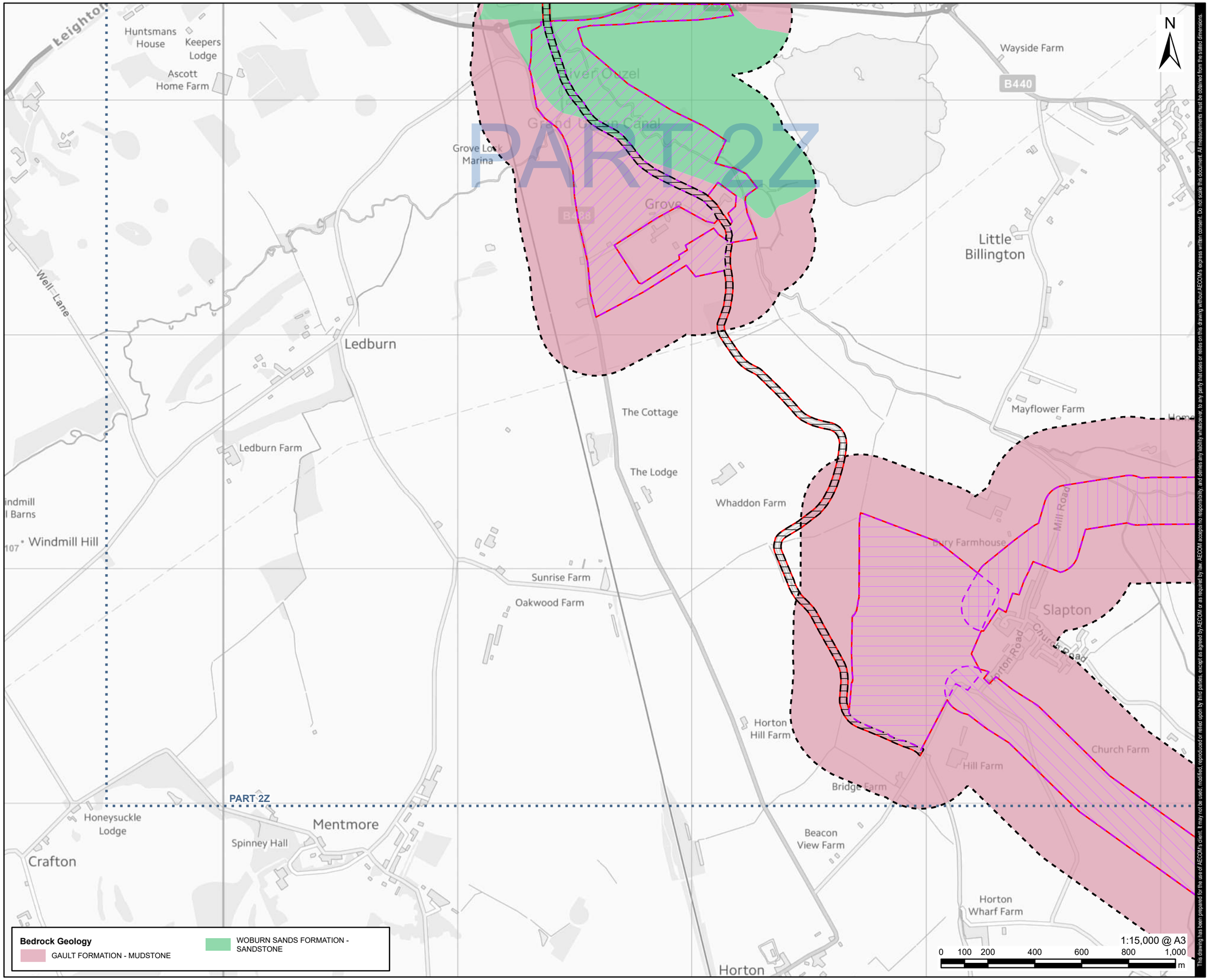
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AC

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 2 - Indicative Work Area
- Part 2 - Indicative Non-Work Area
- Part 4a - Site H
- Part 4b - SP5
- Part 4b - SP6
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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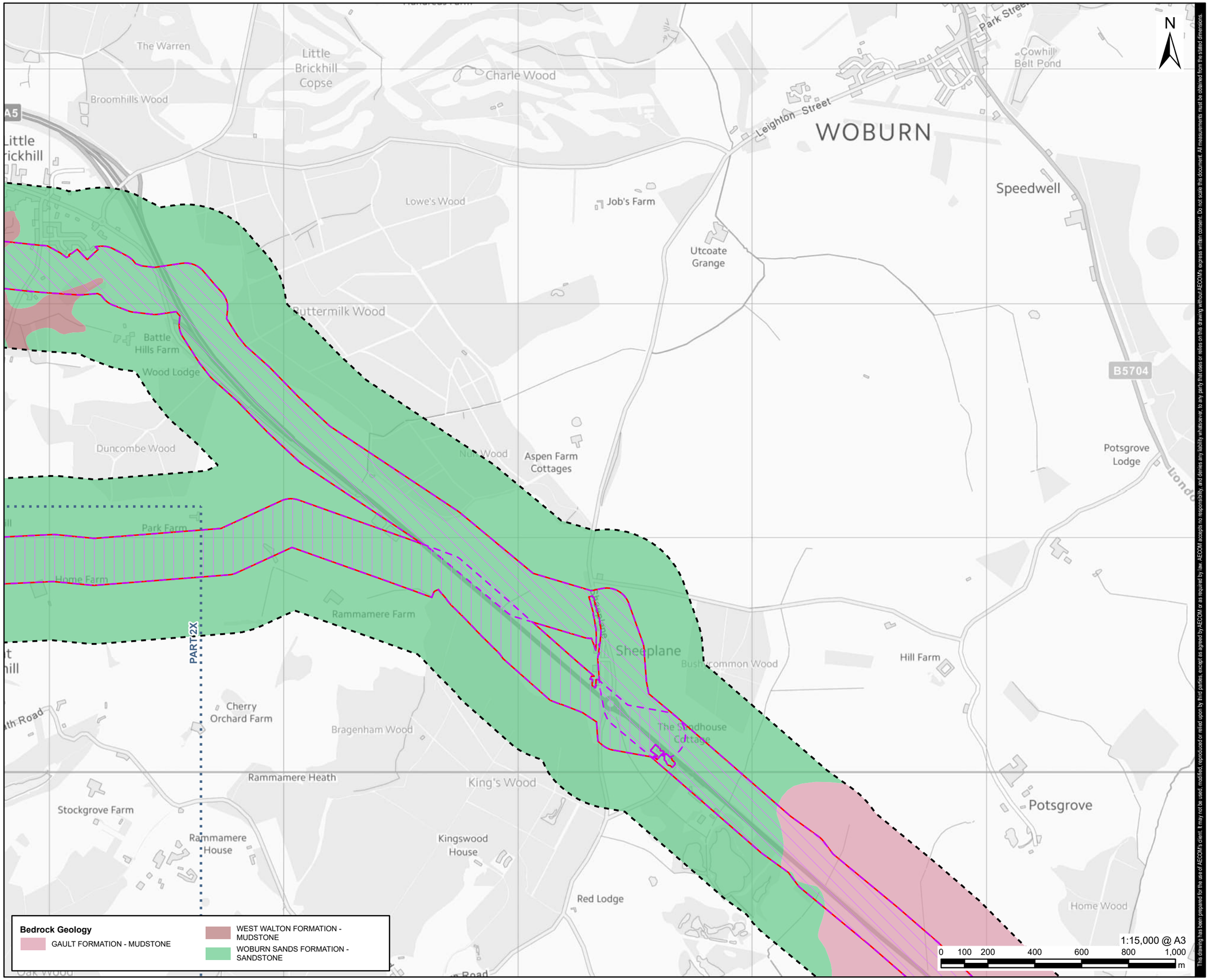
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AD

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 4b - SP2
- Part 4b - SP2A
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

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FIGURE TITLE

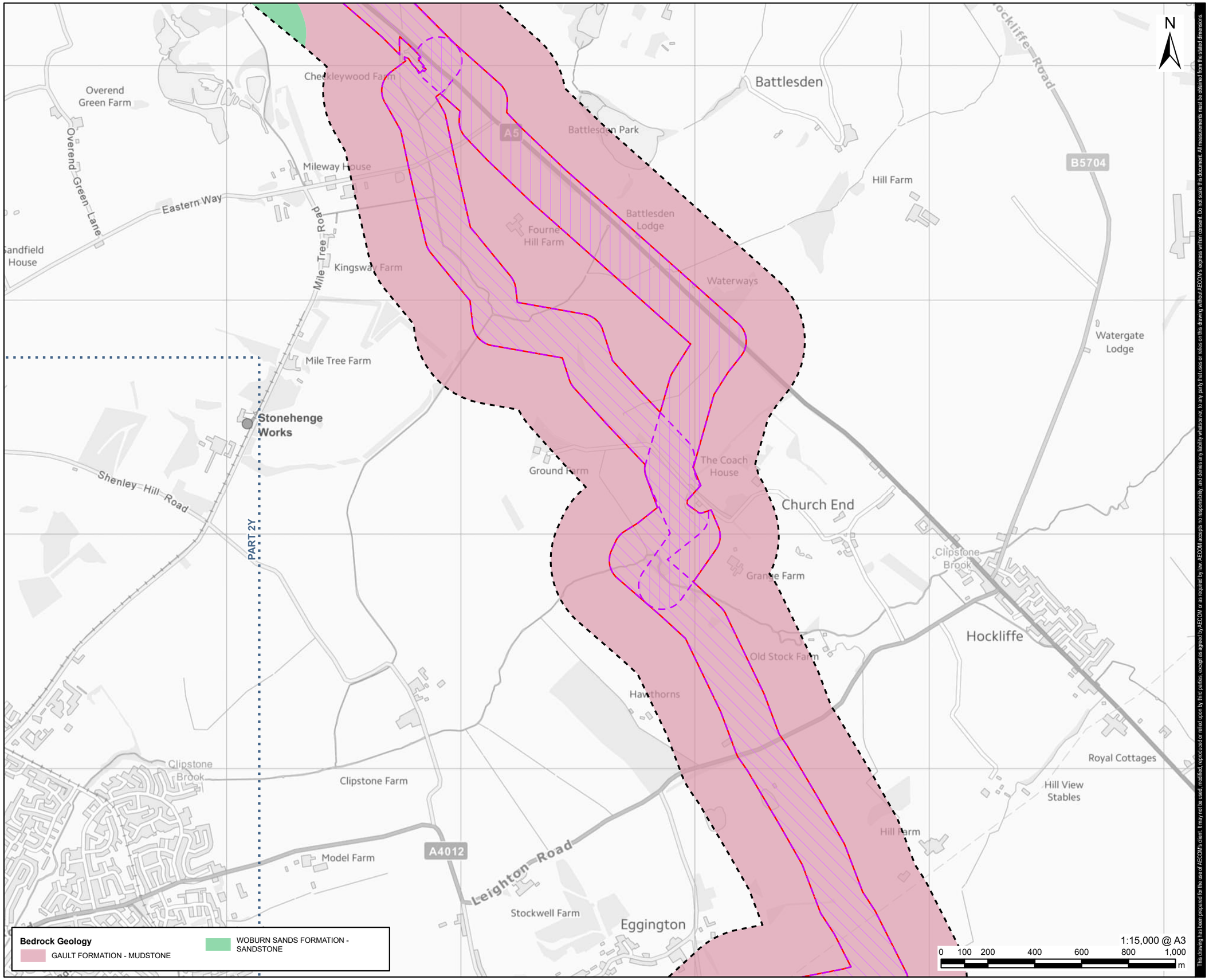
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AE

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 4b - SP2
- Part 4b - SP2B
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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ISSUE PURPOSE

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FIGURE TITLE

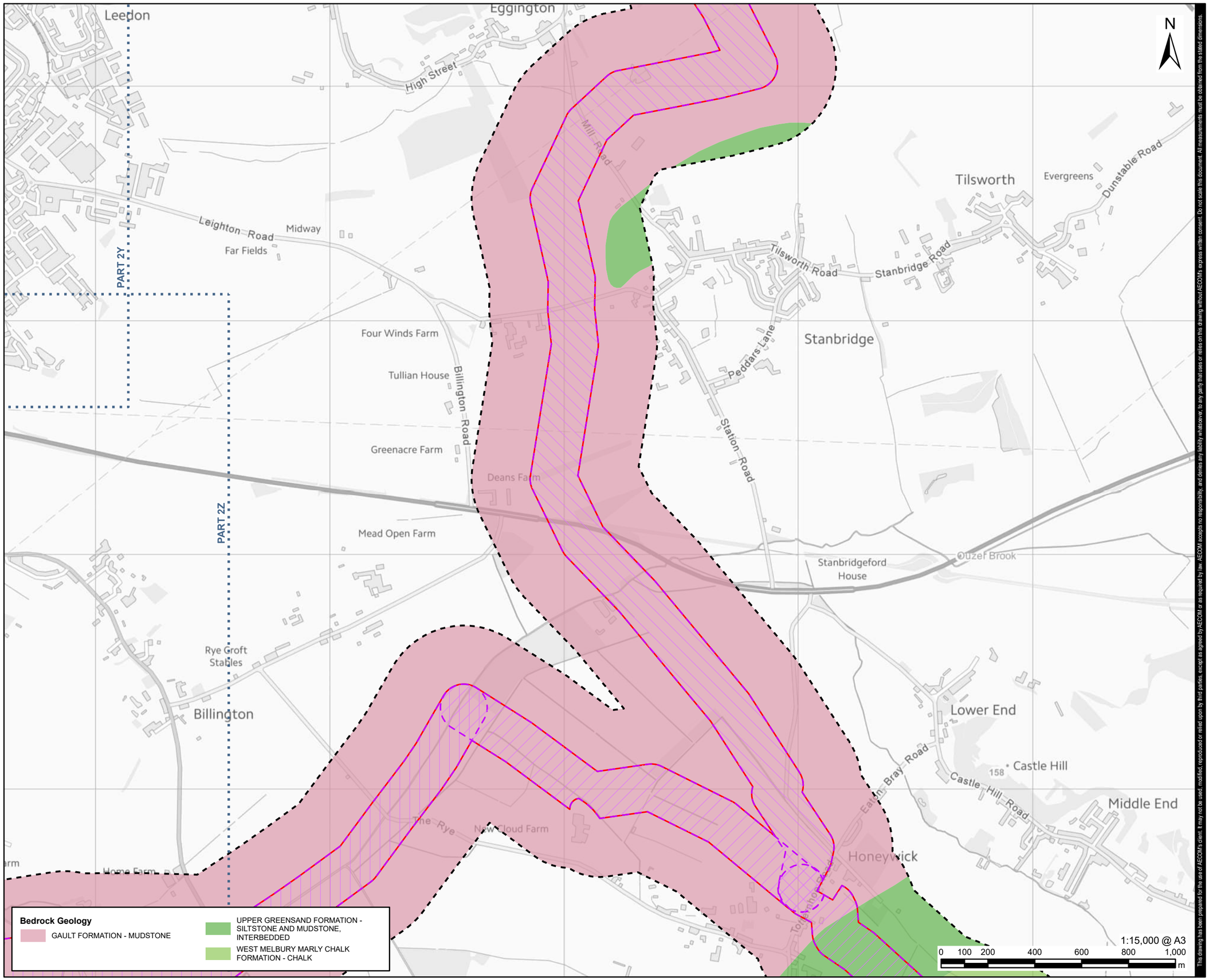
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AF

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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LEGEND

- Part 4b - SP2
- Part 4b - SP6
- Part 4b - SP7
- Part 4b - SP10
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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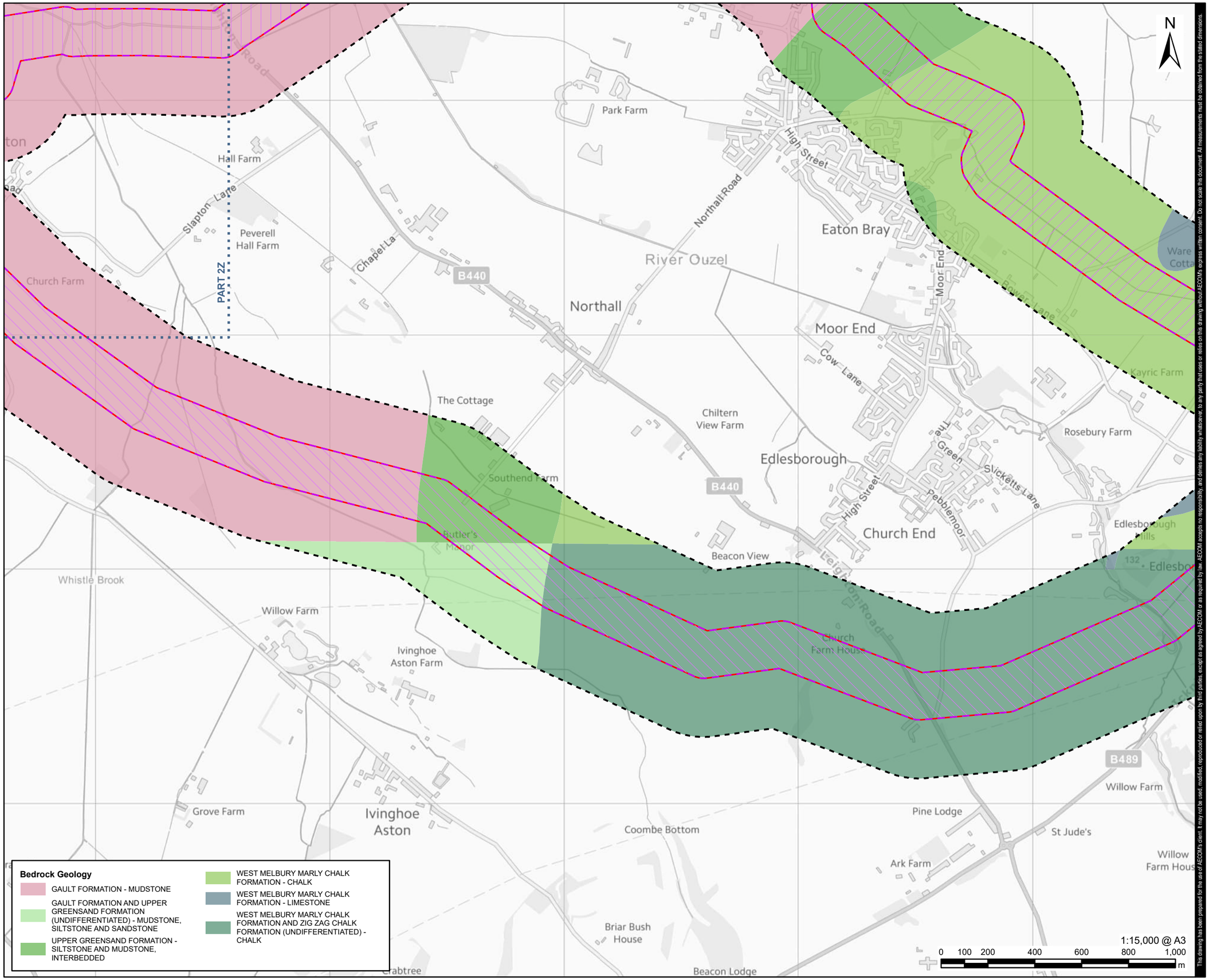
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AG

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

Filename: C:\Users\oliver.bell\Documents\60720432_GUC_Minworth_EIA_Affinity_Water\02_Maps\Scoping_Report\Chapter_14_Ground_Conditions\Figure_14_3_Bedrock_Geology_and_Linear_Features.aprx



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LEGEND

- Part 4b - SP5
- Part 4b - SP6
- Part 4b - SP10
- Part 2 Areas
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

NOTES

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PROJECT NUMBER

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FIGURE TITLE

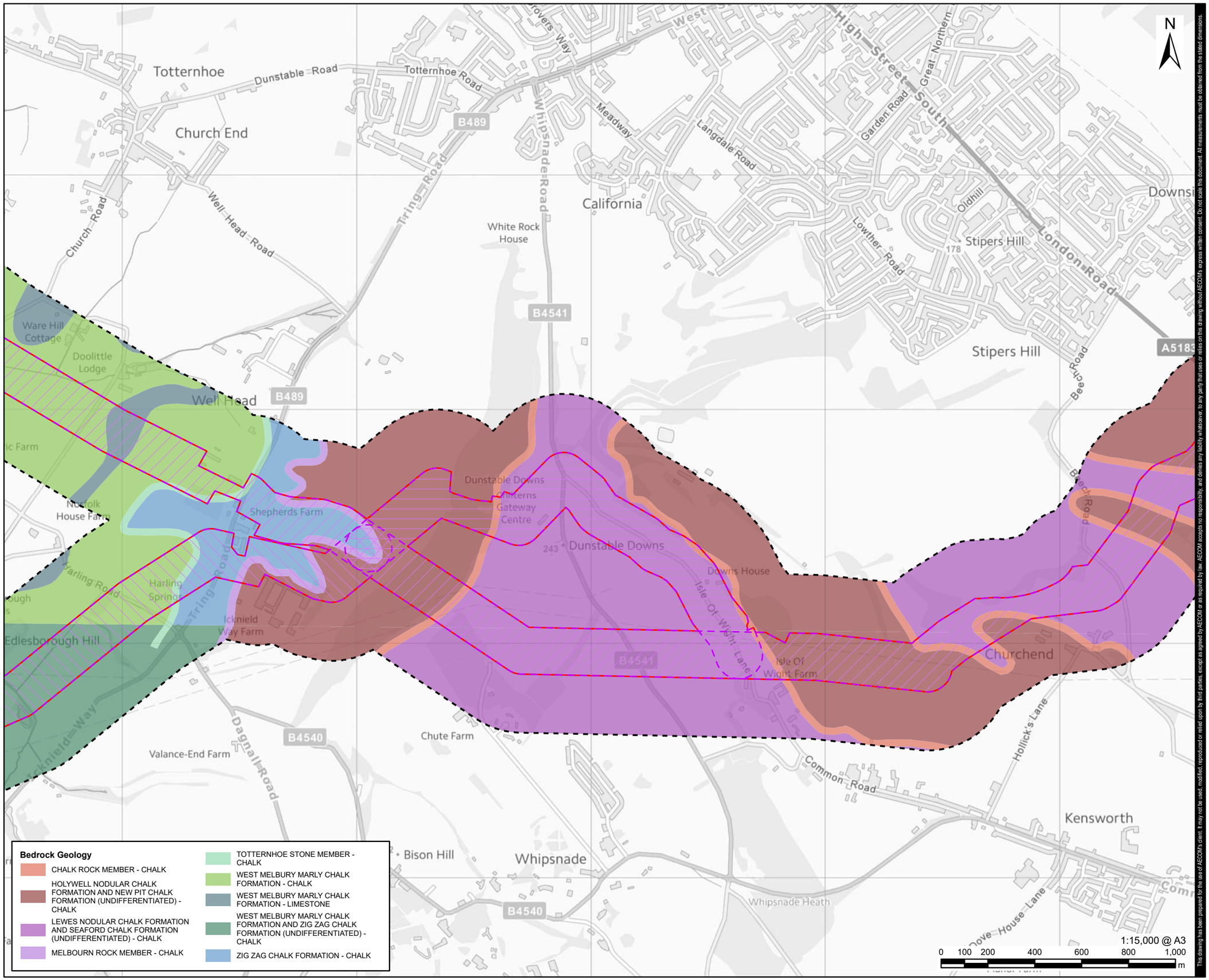
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AH

FIGURE NUMBER

Figure 14-3

Revision: 1 Drawn: OB Checked: JW Approved: LC Date: 2025-02-07

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Bedrock Geology

- CHALK ROCK MEMBER - CHALK
- HOLYWELL NODULAR CHALK FORMATION AND NEW PIT CHALK FORMATION (UNDIFFERENTIATED) - CHALK
- LEWES NODULAR CHALK FORMATION AND SEAFORD CHALK FORMATION (UNDIFFERENTIATED) - CHALK
- MELBOURN ROCK MEMBER - CHALK
- TOTTERNHOE STONE MEMBER - CHALK
- WEST MELBURY MARLY CHALK FORMATION - CHALK
- WEST MELBURY MARLY CHALK FORMATION - LIMESTONE
- WEST MELBURY MARLY CHALK FORMATION AND ZIG ZAG CHALK FORMATION (UNDIFFERENTIATED) - CHALK
- ZIG ZAG CHALK FORMATION - CHALK

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LEGEND

- Part 4b - SP5
- Part 4b - SP10
- Part 4b - SP10A
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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ISSUE PURPOSE

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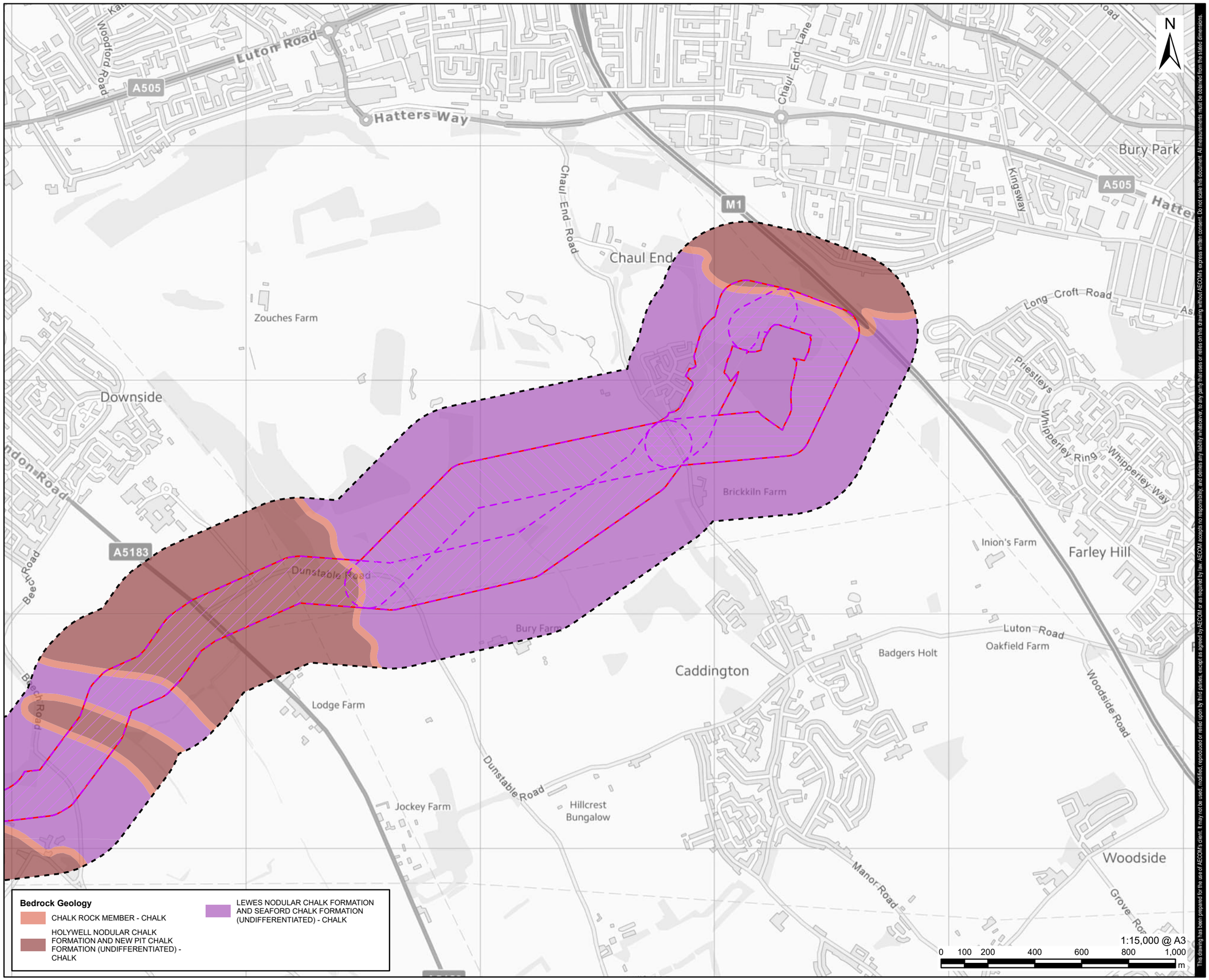
Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AI

FIGURE NUMBER

Figure 14-3

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LEGEND

- Part 4b - SP10
- Part 4b - SP10B
- Part 4b - SP10C
- 250m Study Area for Geology, Land Contamination and Hydrogeology
- EIA Scoping Boundary

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FIGURE TITLE

Parts 1-4 Map Indicating Bedrock Geology and Linear Features Sheet AJ

FIGURE NUMBER

Figure 14-3