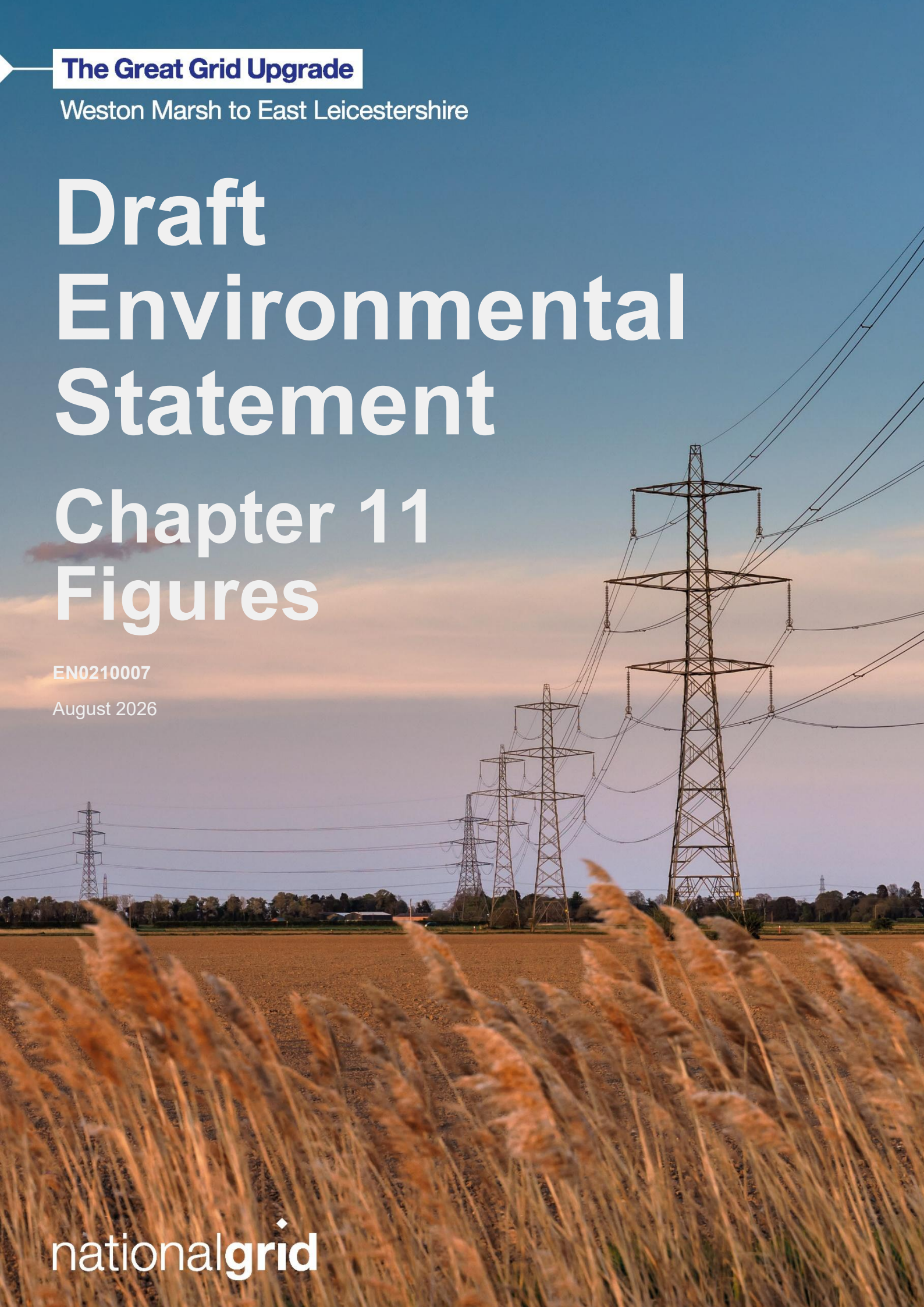




The Great Grid Upgrade

Weston Marsh to East Leicestershire

Draft Environmental Statement

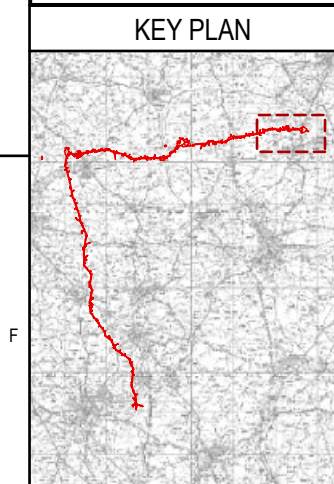
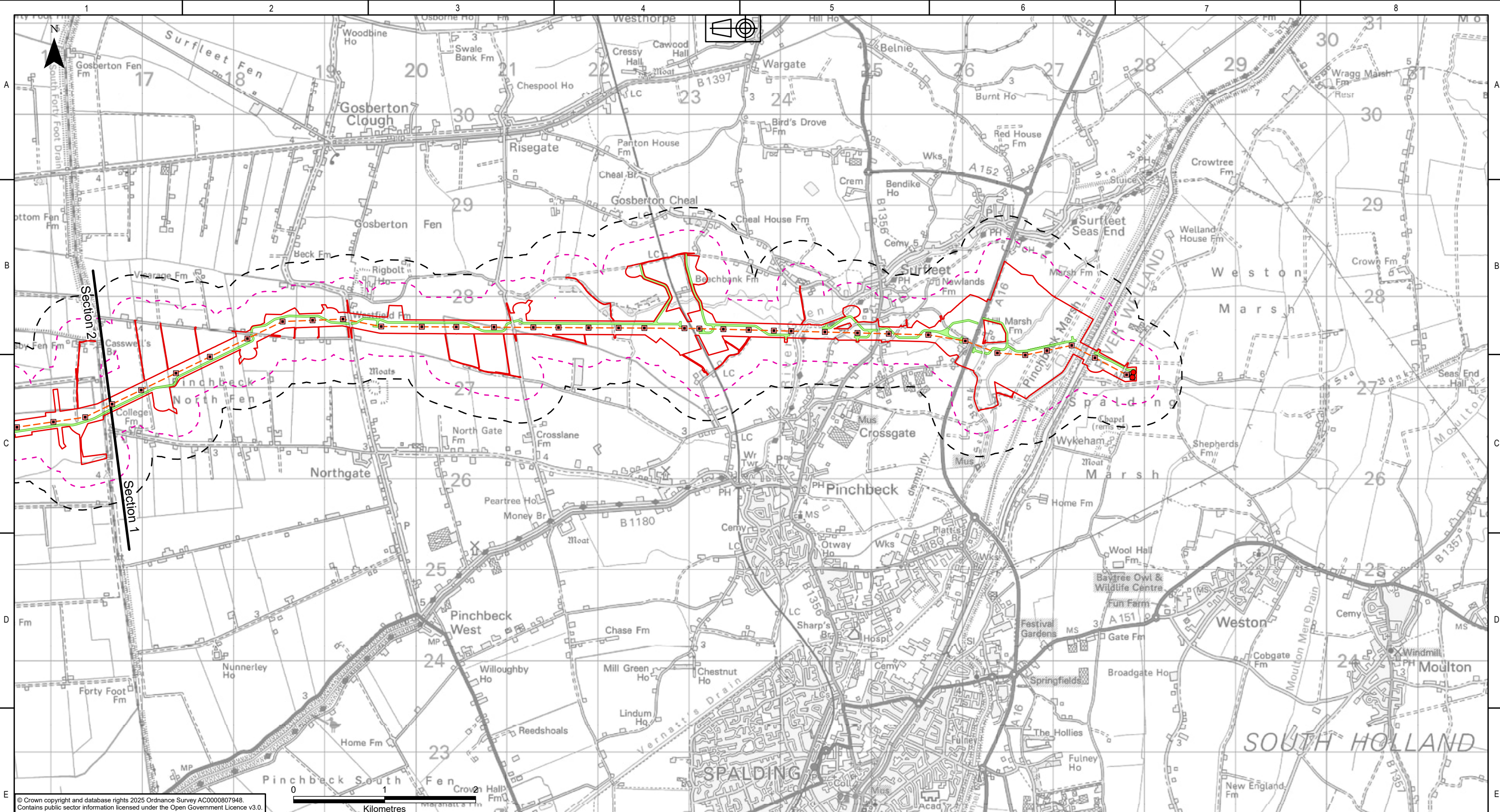
Chapter 11 Figures

EN0210007

August 2026

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Figure number	Figure title
Figure 11.1	Location Plan and Study Areas
Figure 11.2	Superficial Geology
Figure 11.3	Bedrock Geology
Figure 11.4	Groundwater Features
Figure 11.5	Groundwater Abstractions and Discharges



- Legend**
- Draft Order Limits
 - Sections
 - 250m Study Area (Geology)
 - 500m Study Area (Hydrogeology)
 - Indicative New Gantry
 - Indicative New Towers
 - Proposed Overhead Line Alignment
 - Haul Route

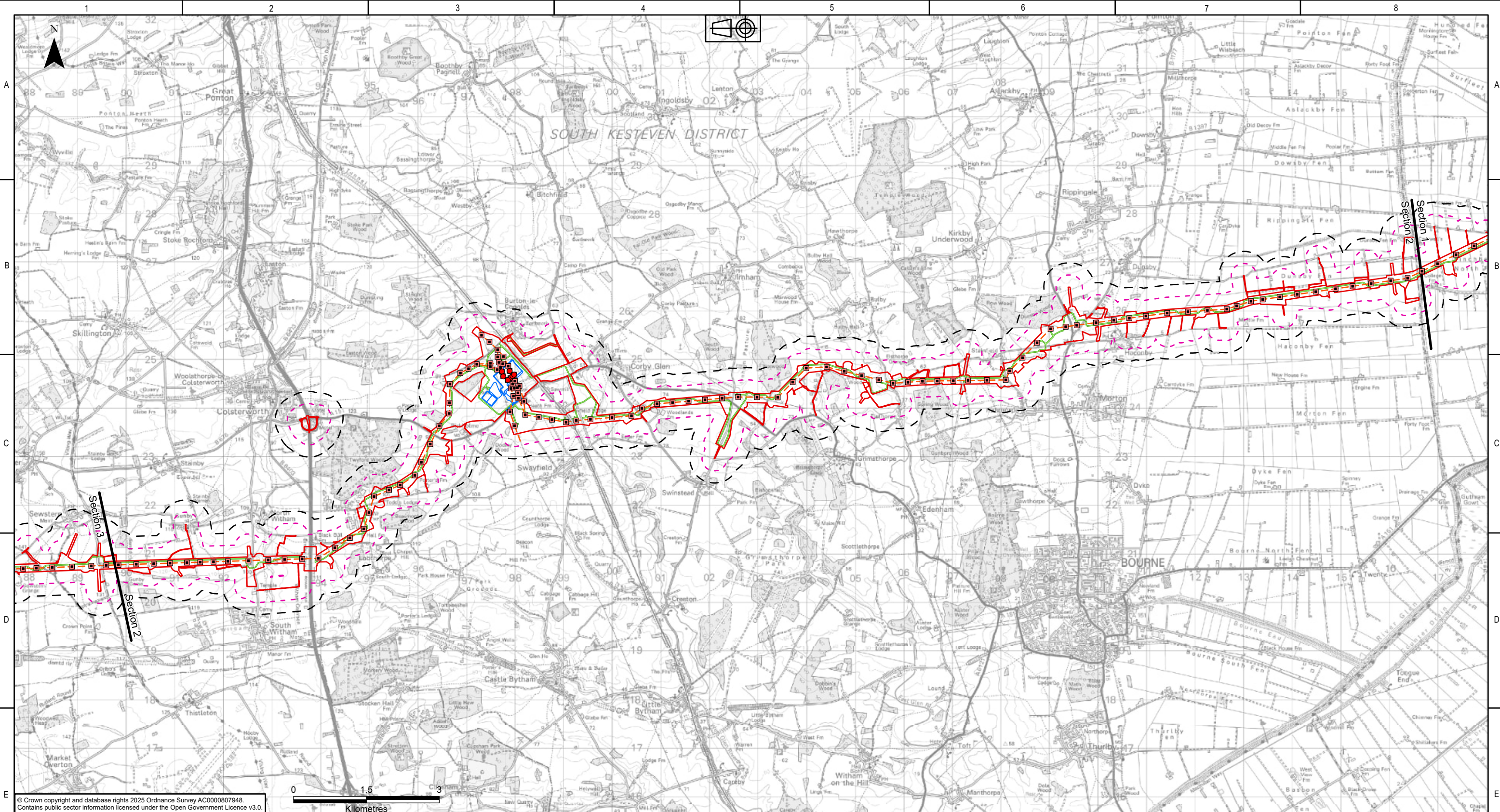
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Site Weston Marsh to East Leicestershire			
Title Draft Environmental Statement: Figure 11.1 Location Plan and Study Areas			
Purpose of issue For Information		Status S2	
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Customer Drawing No. N/A		Sheet 1 of 5	Issue A
Reviewed M.R.KEEN	Approved C.STOCKS	Date 31/07/2026	Scale 1:40,000
			Size A3



KEY PLAN

Legend

- Draft Order Limits
- Sections
- 250m Study Area (Geology)
- 500m Study Area (Hydrogeology)
- WMEL-A Substation
- Indicative New Gantry
- Indicative New Towers
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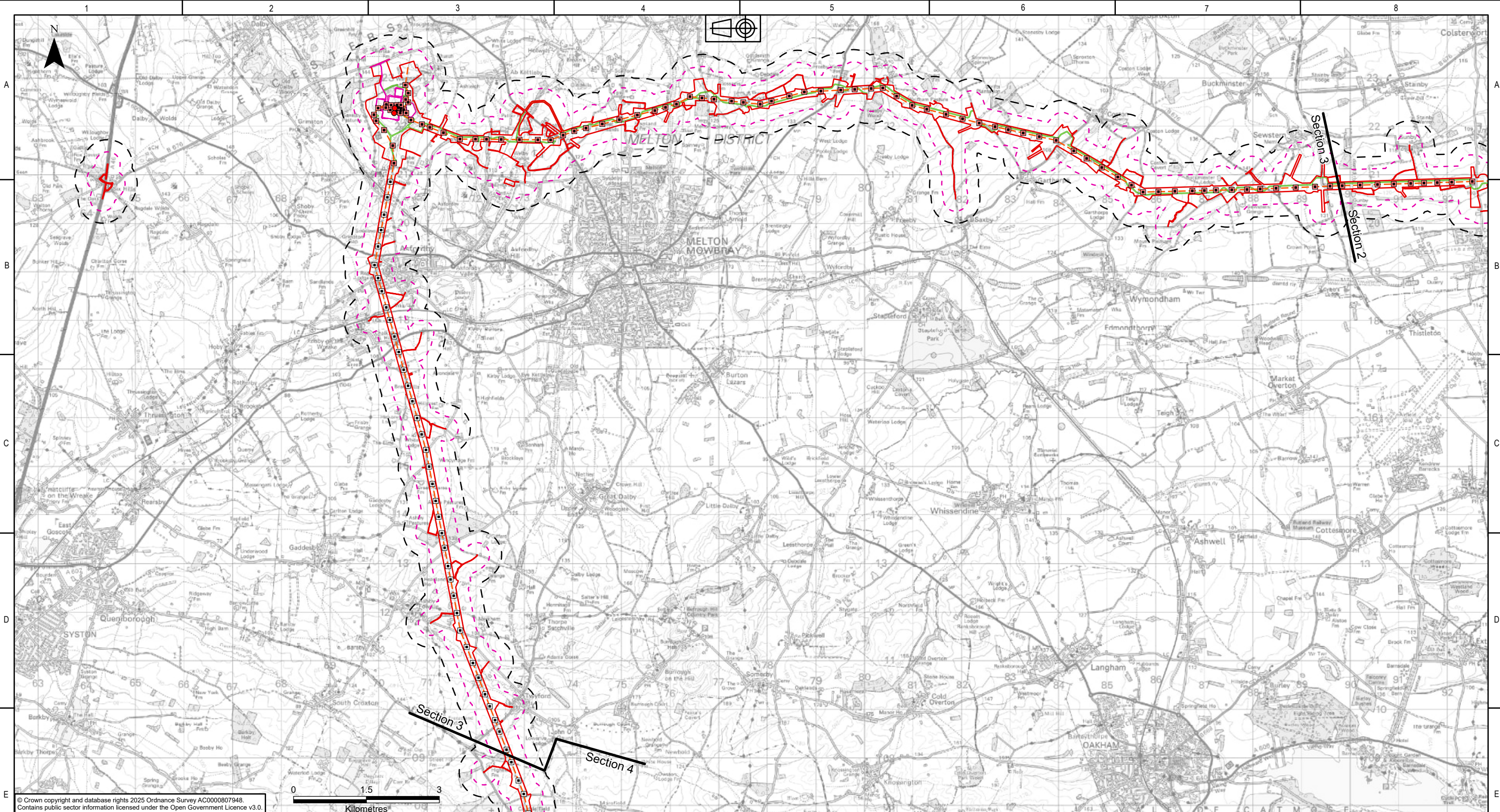
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Weston Marsh to East Leicestershire

Title

Draft Environmental Statement:
Figure 11.1
Location Plan and Study Areas

Purpose of issue	Status			
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WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000036	P01			
Customer Drawing No.	Issue			
N/A	A			
Reviewed	Approved	Date	Scale	Size
M.R.KEEN	C.STOCKS	31/07/2026	1:75,000	A3



KEY PLAN

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- Indicative New Towers
- Existing Towers for Reconductoring
- Proposed Overhead Line Alignment
- Haul Route

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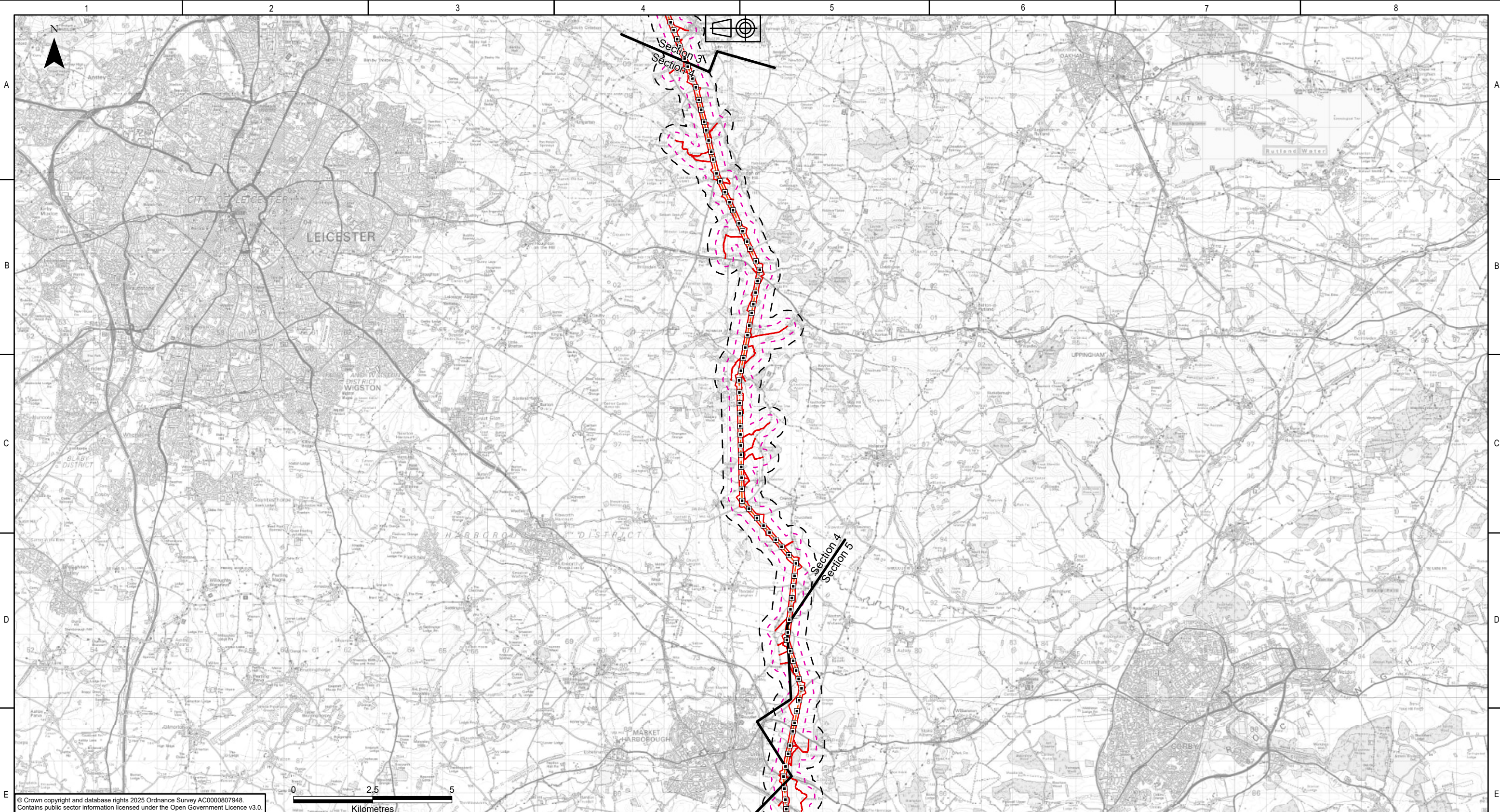
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Site
Weston Marsh to East Leicestershire

Title
Draft Environmental Statement:
Figure 11.1
Location Plan and Study Areas

Purpose of issue For Information	Status S2
Contractor Drawing No. WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000036	Revision P01
Customer Drawing No. N/A	Issue A
Reviewed M.R.KEEN	Approved C.STOCKS
Date 31/07/2026	Scale 1:75,000
	Size A3



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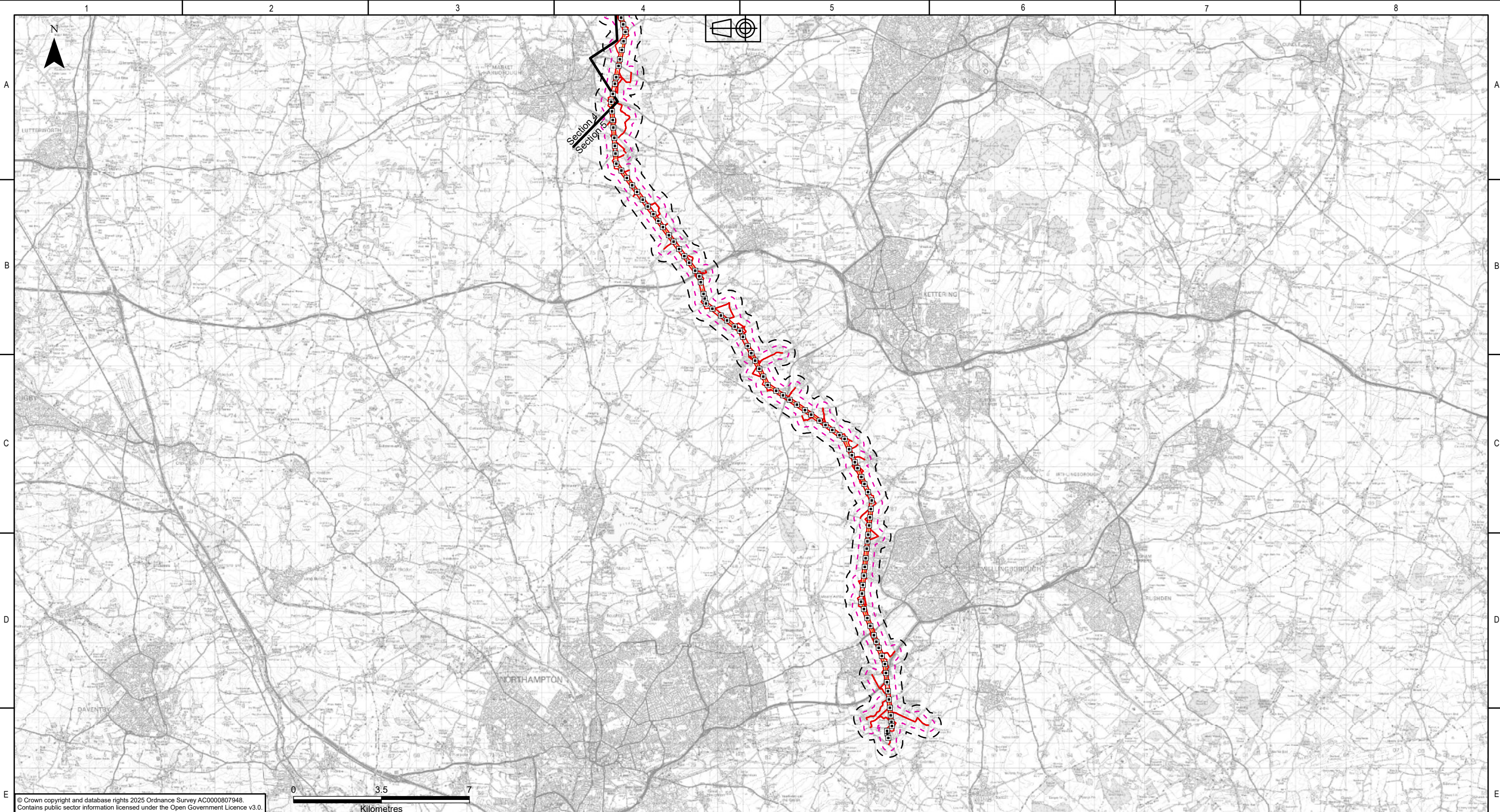
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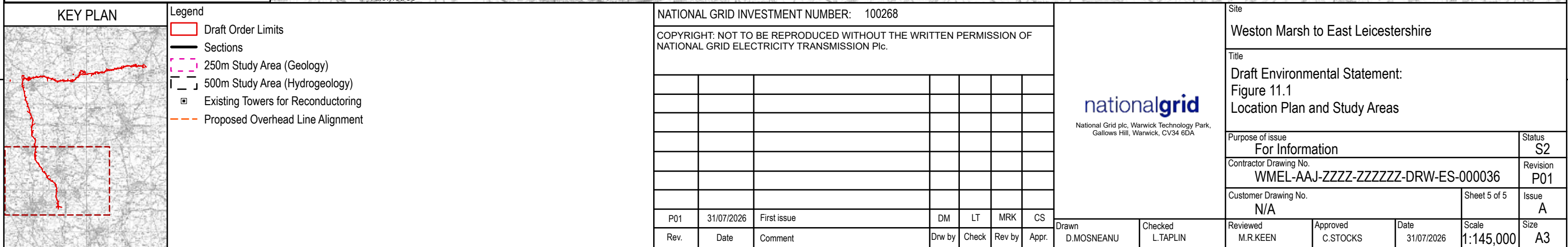
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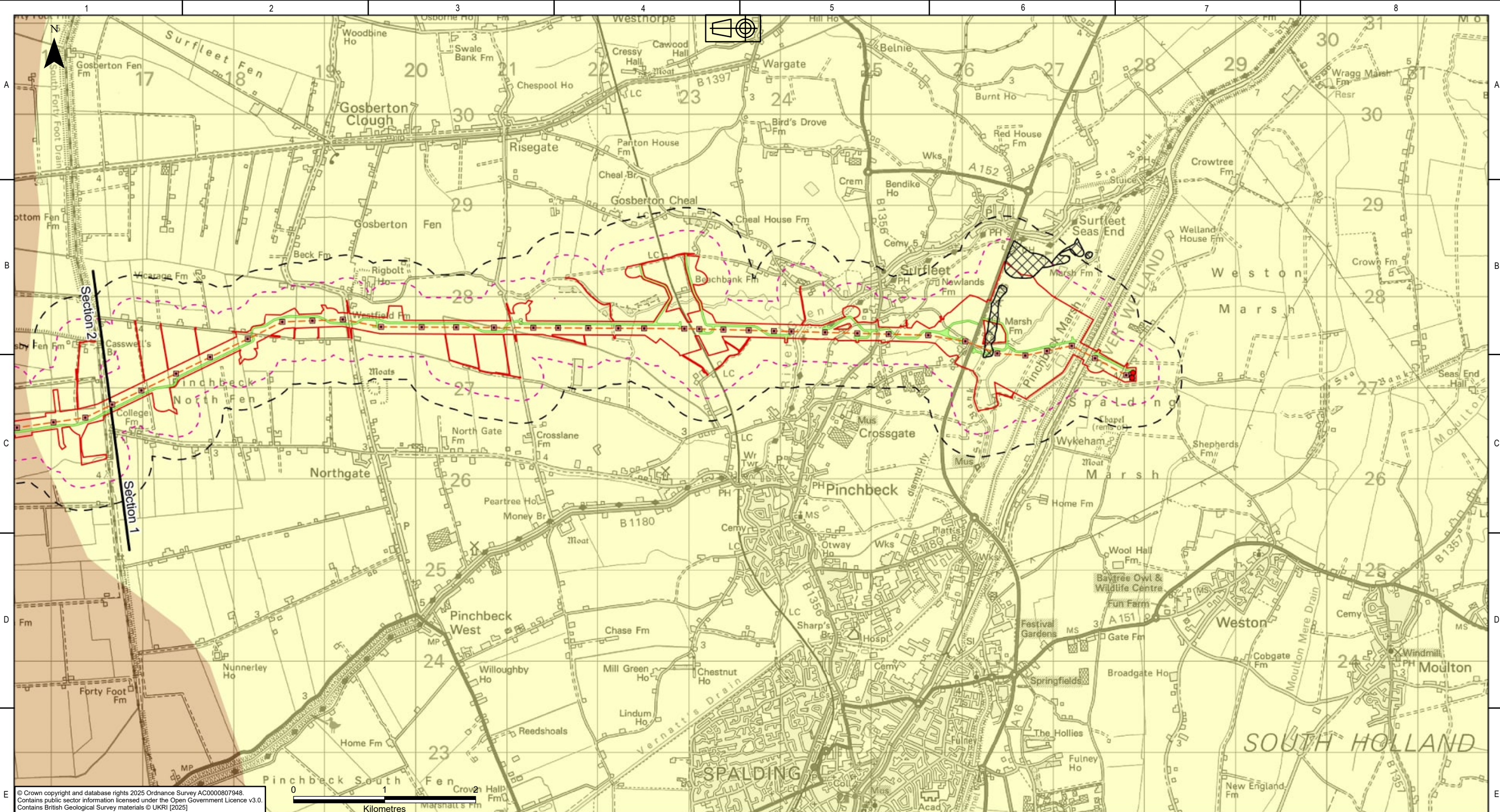
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Location Plan and Study Areas

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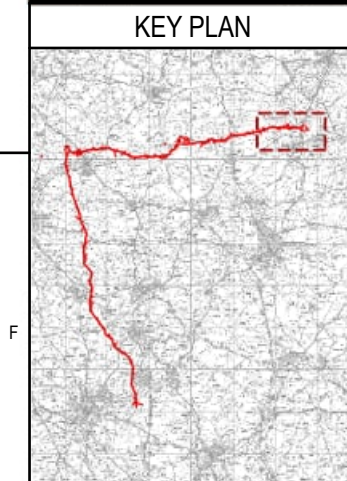


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- Legend**
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 - Indicative New Gantry
 - Indicative New Towers
 - Proposed Overhead Line Alignment
 - Haul Route
 - Artificial and Made Ground 1:50,000
 - Alluvium
 - Peat

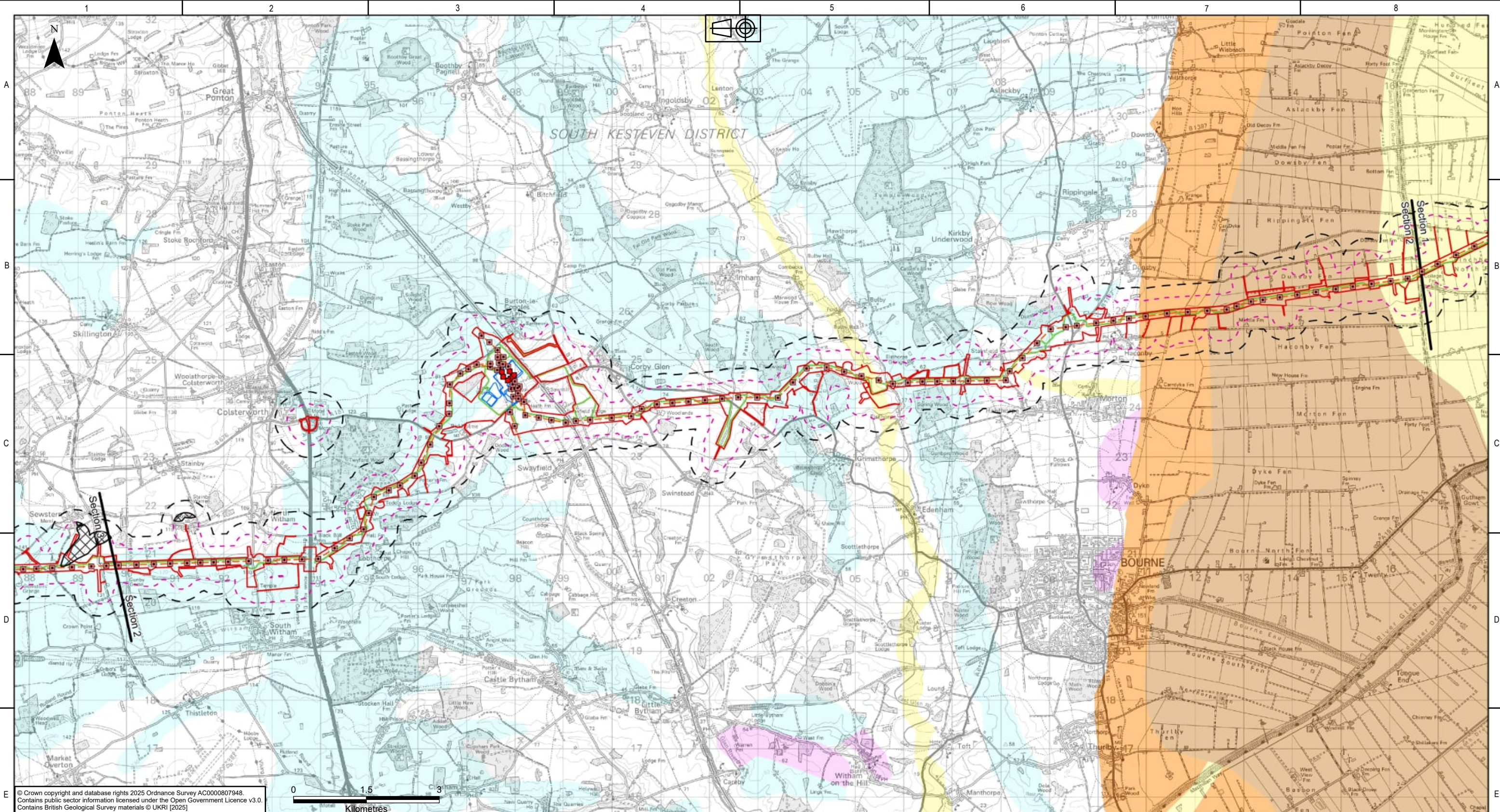
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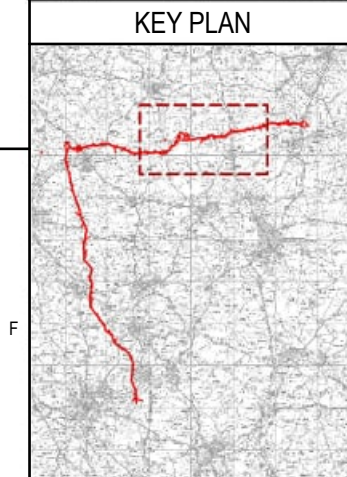
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Title				Draft Environmental Statement: Figure 11.2 Superficial Geology			
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Reviewed		M.R.KEEN		Approved		C.STOCKS	
Date		31/07/2026		Scale		1:40,000	
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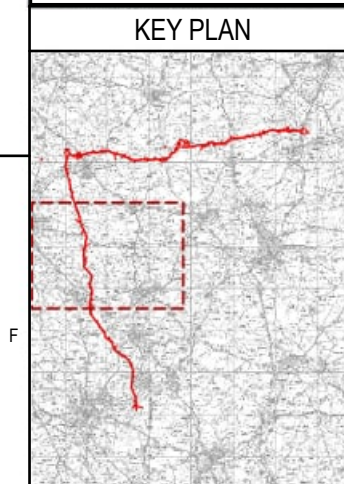
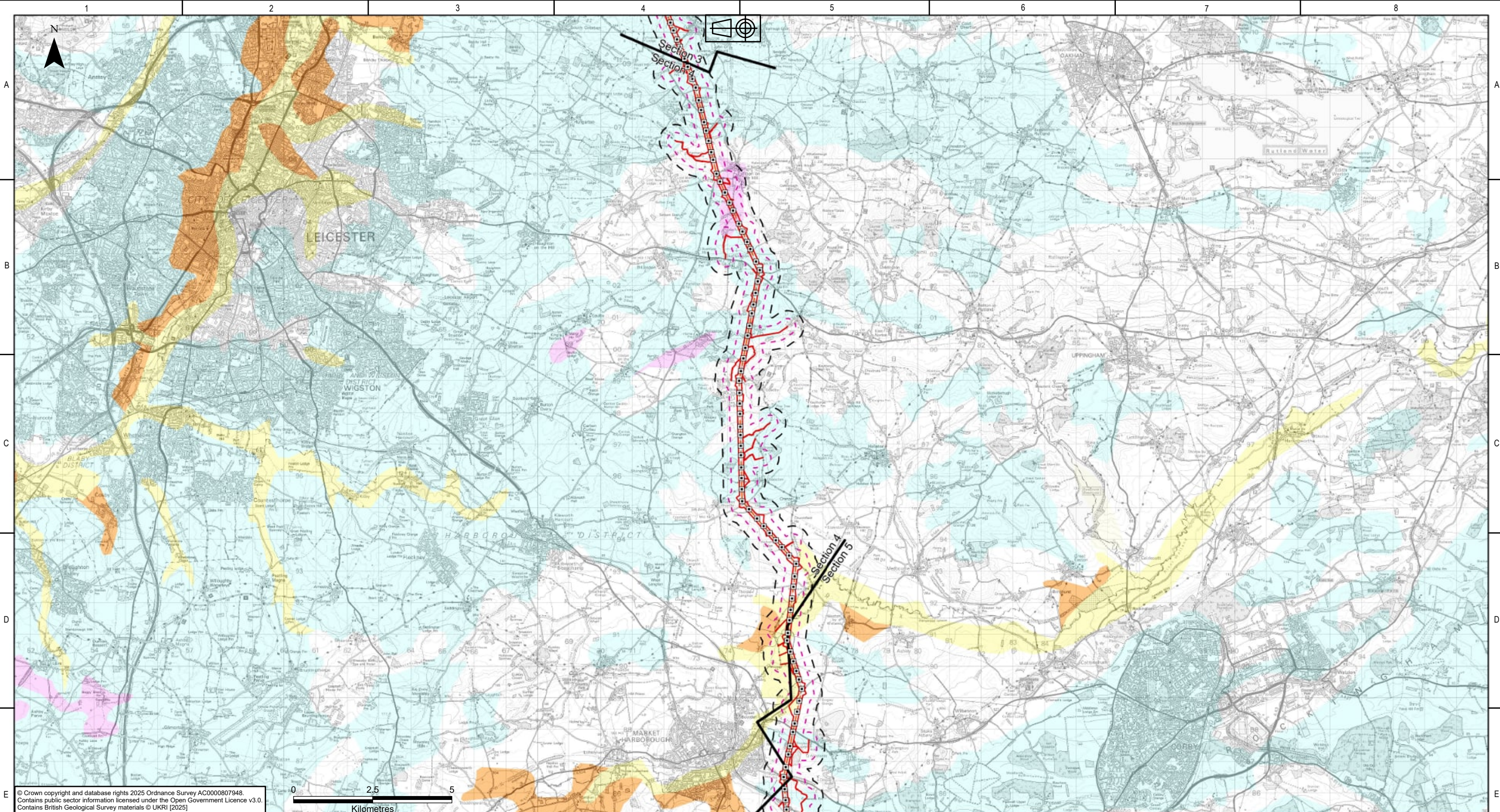
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	Indicative New Gantry
	Indicative New Towers
	Proposed Overhead Line Alignment
	Haul Route
	Artificial and Made Ground 1:50,000
Superficial Geology 1:625,000	
	Alluvium
	Glacial Sand and Gravel
	Peat
	River Terrace Deposits (Undifferentiated)
	Till

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Site Weston Marsh to East Leicestershire				
Title Draft Environmental Statement: Figure 11.2 Superficial Geology				
Purpose of issue For Information				Status S2
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Reviewed M.R.KEEN	Approved C.STOCKS	Date 31/07/2026	Scale 1:75,000	Size A3



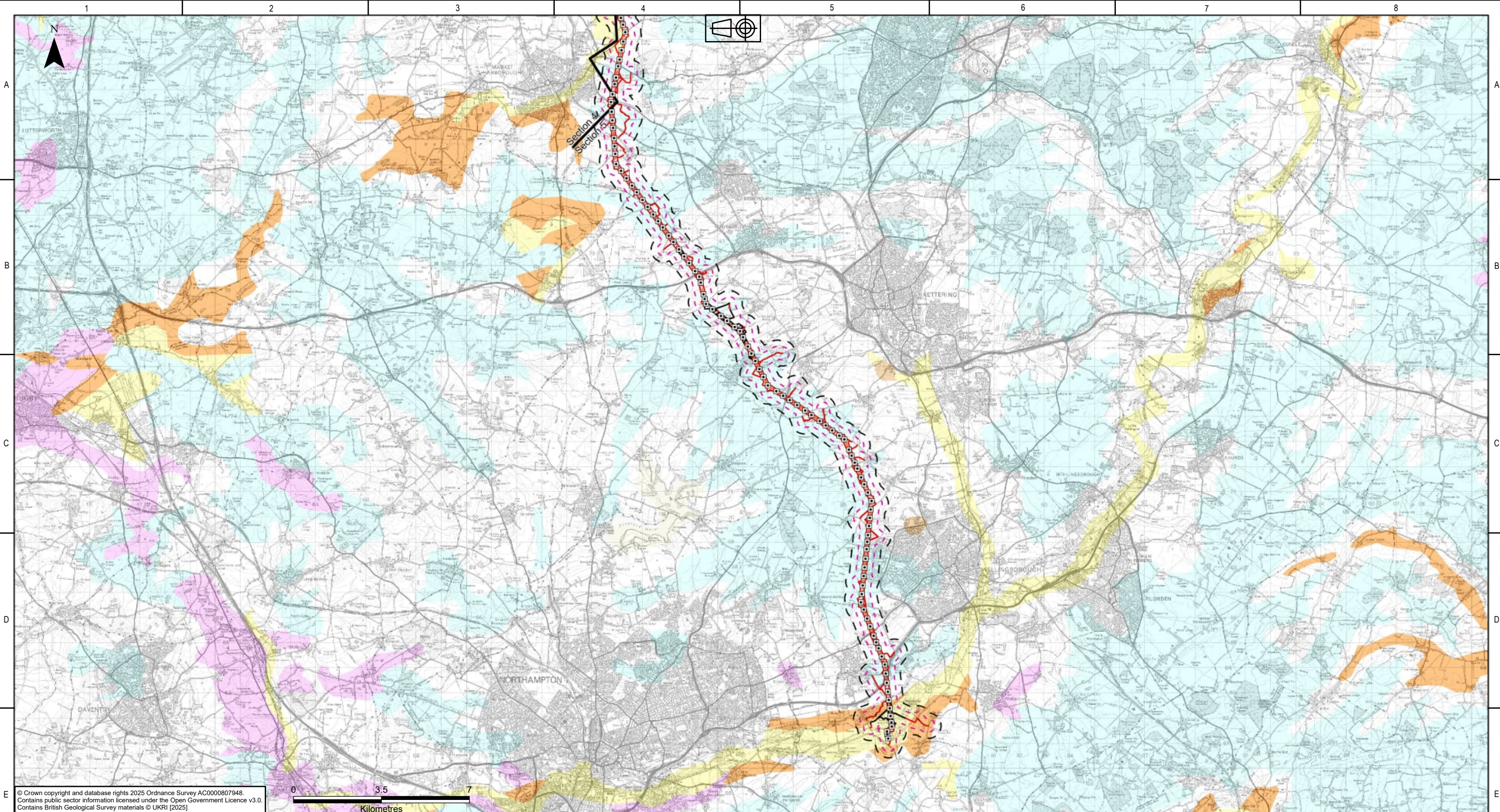
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	Draft Order Limits		Alluvium
	Sections		Glacial Sand and Gravel
	250m Study Area (Geology)		River Terrace Deposits (Undifferentiated)
	500m Study Area (Hydrogeology)		Till
	Existing Towers for Reconductoring		Drift Geology Not Mapped
	Proposed Overhead Line Alignment		

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Weston Marsh to East Leicestershire			
Title			
Draft Environmental Statement: Figure 11.2 Superficial Geology			
Purpose of issue For Information			Status S2
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Reviewed M.R.KEEN	Approved C.STOCKS	Date 31/07/2026	Scale 1:115,000
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KEY PLAN

Legend

Draft Order Limits

Sections

250m Study Area (Geology)

500m Study Area (Hydrogeology)

Existing Towers for Reconductoring

Proposed Overhead Line Alignment

Artificial and Made Ground 1:50,000

Superficial Geology 1:625,000

Alluvium

Glacial Sand and Gravel

Lacustrine Deposits (Undifferentiated)

River Terrace Deposits (Undifferentiated)

Till

Drift Geology Not Mapped

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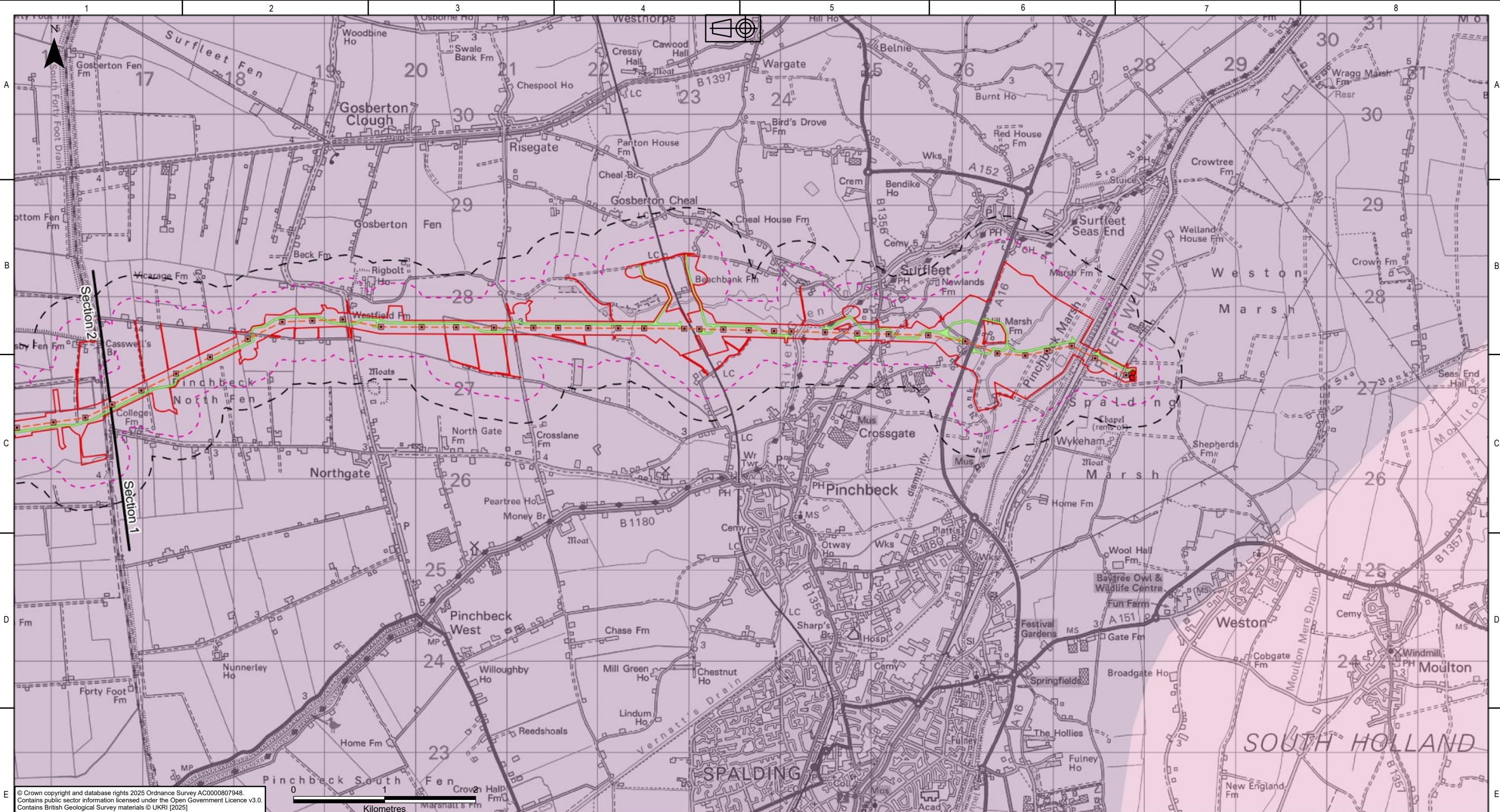
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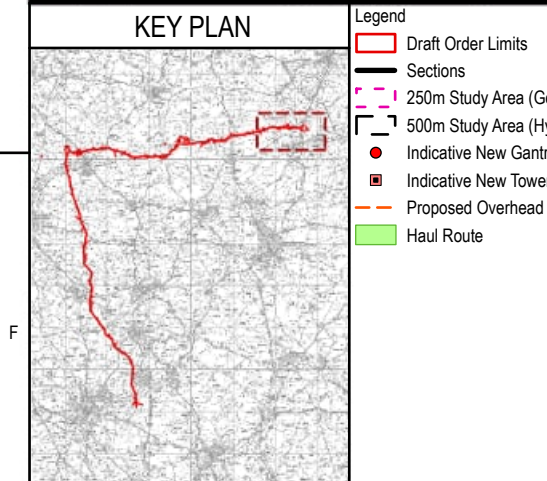
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Figure 11.2
Superficial Geology

Purpose of issue	Status			
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Reviewed	Approved	Date	Scale	Size
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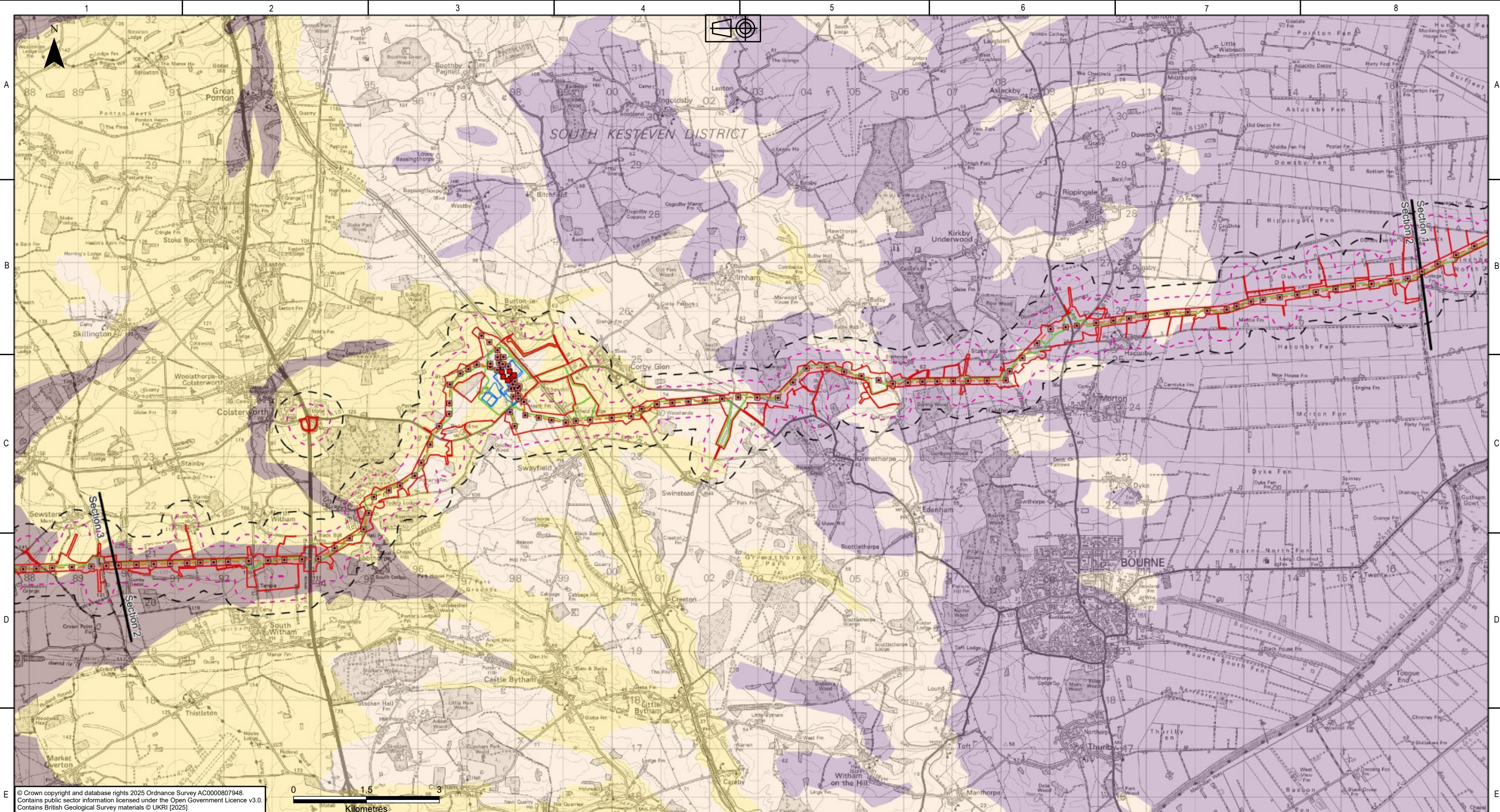
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- Draft Order Limits
 - Sections
 - 250m Study Area (Geology)
 - 500m Study Area (Hydrogeology)
 - Indicative New Gantry
 - Indicative New Towers
 - Proposed Overhead Line Alignment
 - Haul Route
- Bedrock Geology 1:625,000**
- West Walton Formation, Amptill Clay Formation and Kimmeridge Clay Formation
 - Kellaways Formation And Oxford Clay Formation (Undifferentiated)

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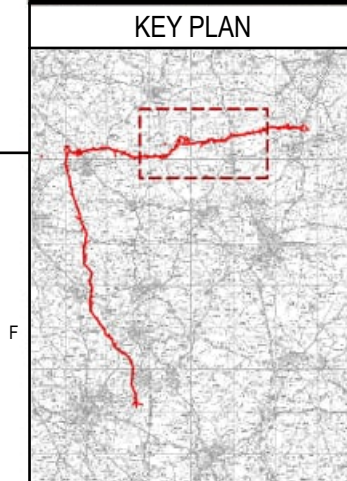
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Site				Weston Marsh to East Leicestershire			
Title				Draft Environmental Statement: Figure 11.3 Bedrock Geology			
Purpose of issue		For Information		Status		S2	
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Customer Drawing No.		N/A		Sheet 1 of 5		Issue	
Reviewed		M.R.KEEN		Approved		C.STOCKS	
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Legend

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- Sections
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- 500m Study Area (Hydrogeology)
- WMEL-A Substation
- Indicative New Gantry
- Indicative New Towers
- Proposed Overhead Line Alignment
- Haul Route

Bedrock Geology 1:625,000

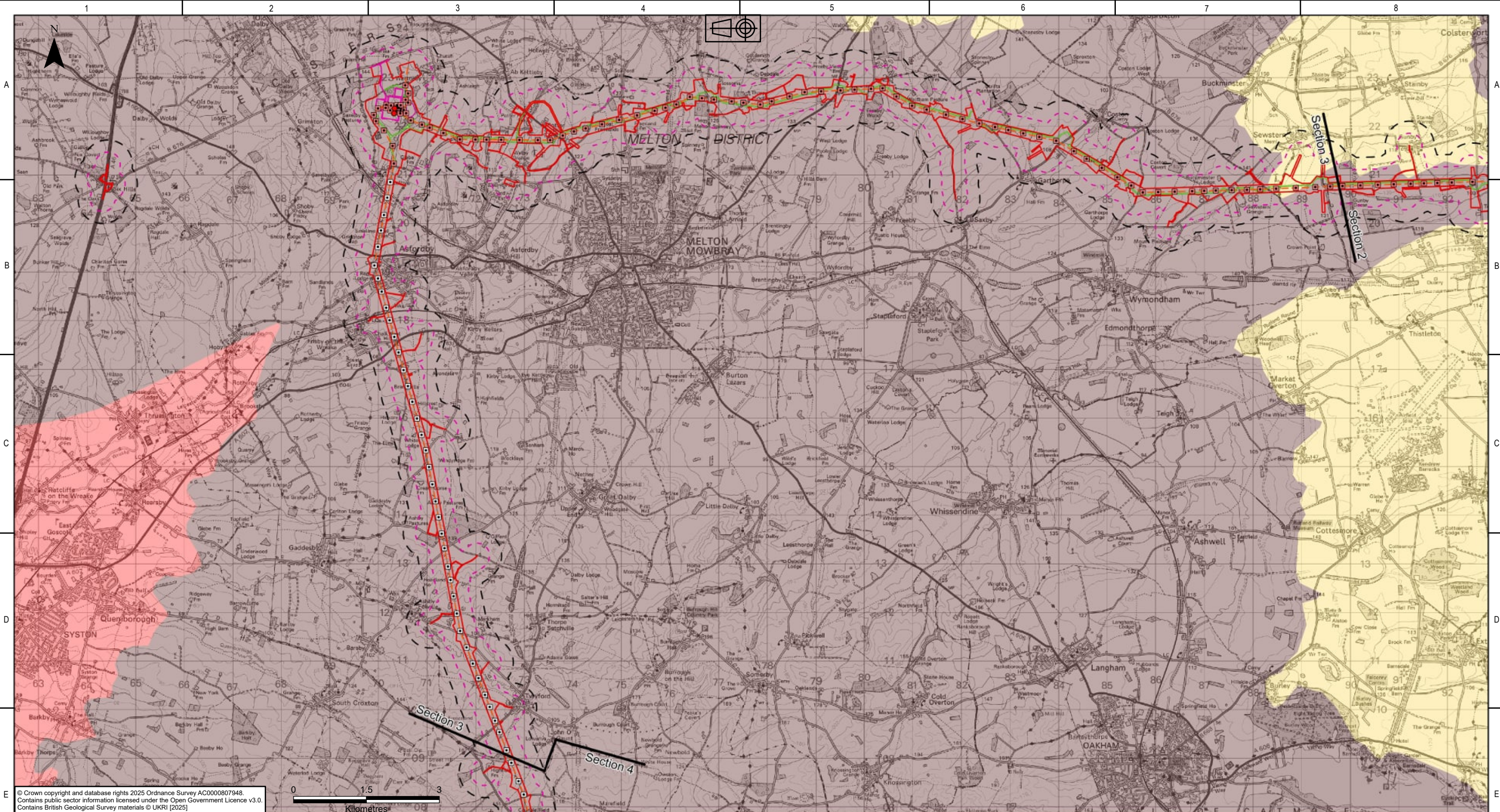
- Kellaways Formation And Oxford Clay Formation (Undifferentiated)
- Great Oolite Group
- Inferior Oolite Group
- Lias Group

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Site				
Weston Marsh to East Leicestershire				
Title				
Draft Environmental Statement: Figure 11.3 Bedrock Geology				
Purpose of issue				Status
For Information				S2
Contractor Drawing No.				Revision
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000038				P01
Customer Drawing No.				Issue
N/A				A
Reviewed	Approved	Date	Scale	Size
M.R.KEEN	C.STOCKS	31/07/2026	1:75,000	A3



KEY PLAN

Legend

Draft Order Limits

Sections

250m Study Area (Geology)

500m Study Area (Hydrogeology)

WMEL-B Substation

Indicative New Gantry

Indicative New Towers

Existing Towers for Reconductoring

Proposed Overhead Line Alignment

Haul Route

Bedrock Geology 1:625,000

Inferior Oolite Group

Lias Group

Triassic Rocks (Undifferentiated)

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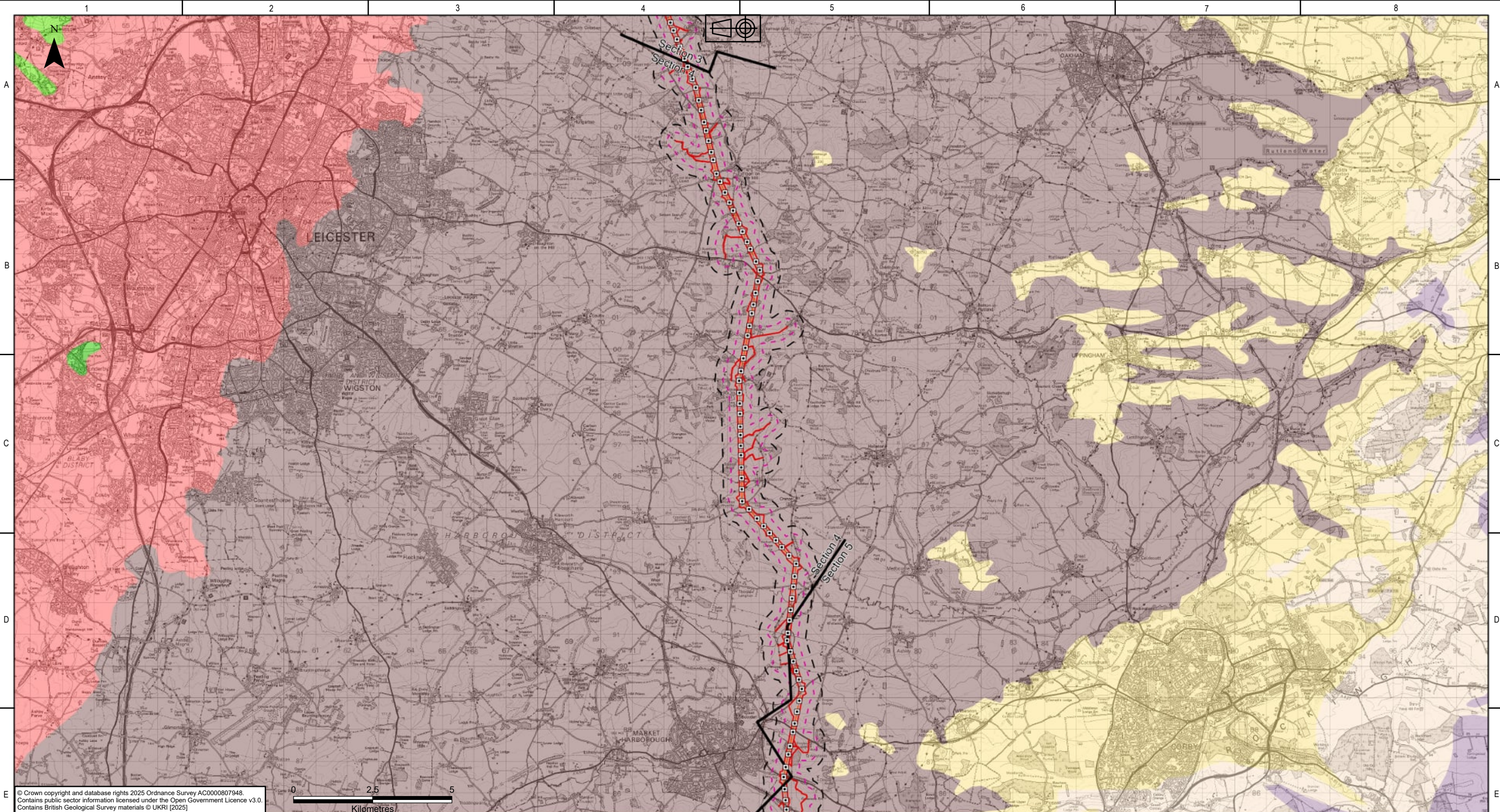
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Weston Marsh to East Leicestershire

Title

Draft Environmental Statement:
Figure 11.3
Bedrock Geology

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Reviewed	M.R.KEEN	Approved	C.STOCKS
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KEY PLAN

Legend

Draft Order Limits

Sections

250m Study Area (Geology)

500m Study Area (Hydrogeology)

Existing Towers for Reconductoring

Proposed Overhead Line Alignment

Bedrock Geology 1:625,000

Kellaways Formation And Oxford Clay Formation (Undifferentiated)

Great Oolite Group

Inferior Oolite Group

Lias Group

Triassic Rocks (Undifferentiated)

Unnamed Igneous Intrusion, Ordovician to Silurian

Unnamed Igneous Intrusion, Neoproterozoic

Unnamed Metasedimentary Rocks, Neoproterozoic

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Site
Weston Marsh to East Leicestershire

Title
Draft Environmental Statement:
Figure 11.3
Bedrock Geology

Purpose of issue
For Information

Status
S2

Contractor Drawing No.
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000038

Revision
P01

Customer Drawing No.
N/A

Sheet 4 of 5

Issue
A

Reviewed
M.R.KEEN

Approved
C.STOCKS

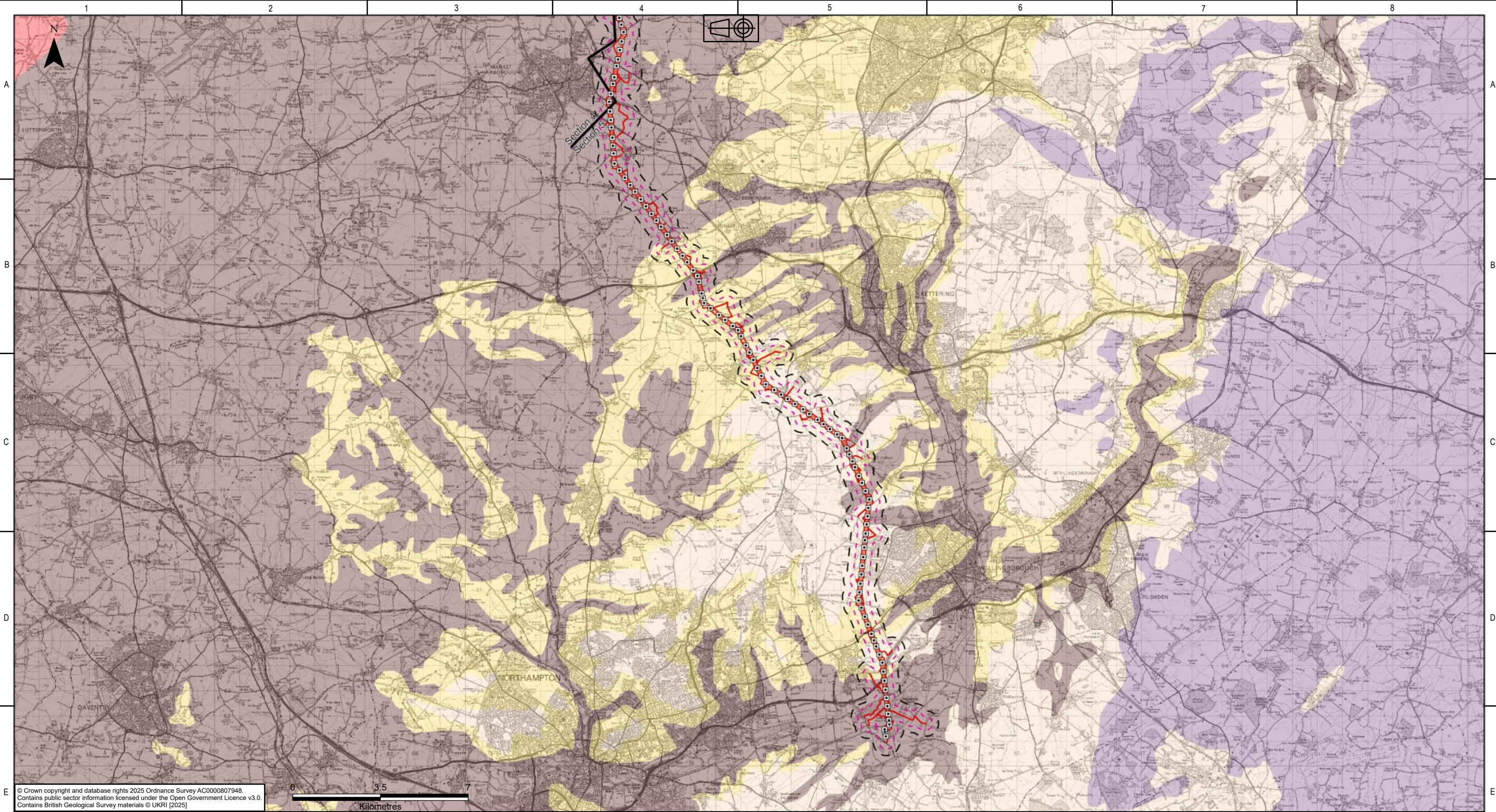
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Proposed Overhead Line Alignment

Bedrock Geology 1:625,000

Kellaways Formation And Oxford Clay Formation (Undifferentiated)

Great Oolite Group

Inferior Oolite Group

Lias Group

Triassic Rocks (Undifferentiated)

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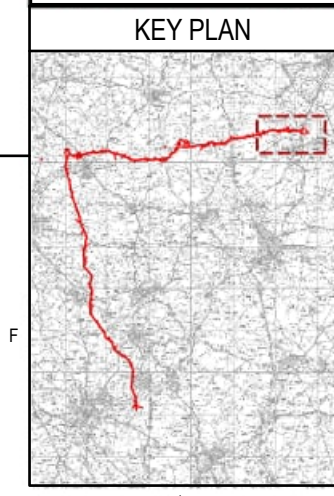
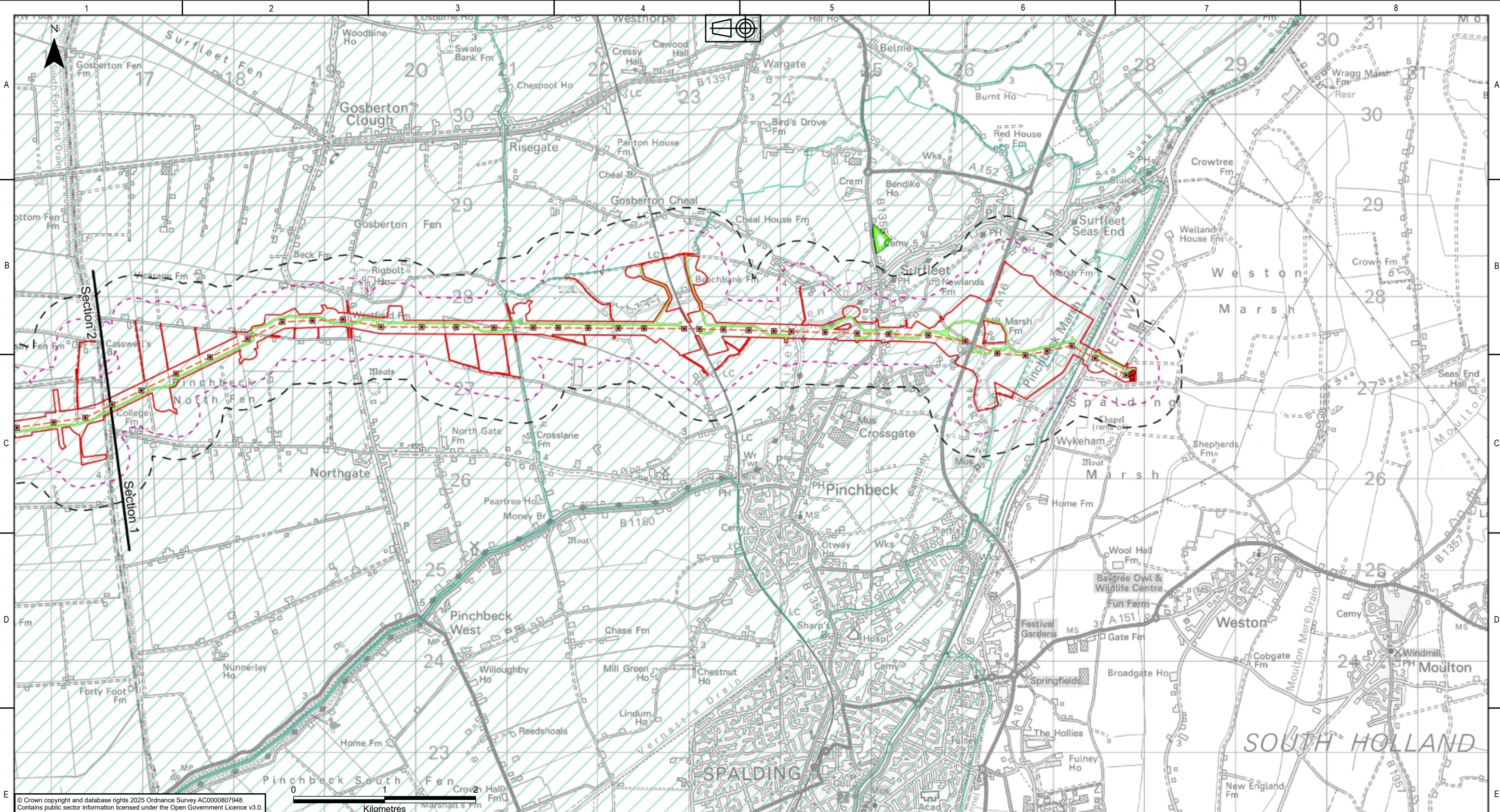
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Weston Marsh to East Leicestershire

Title

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Bedrock Geology

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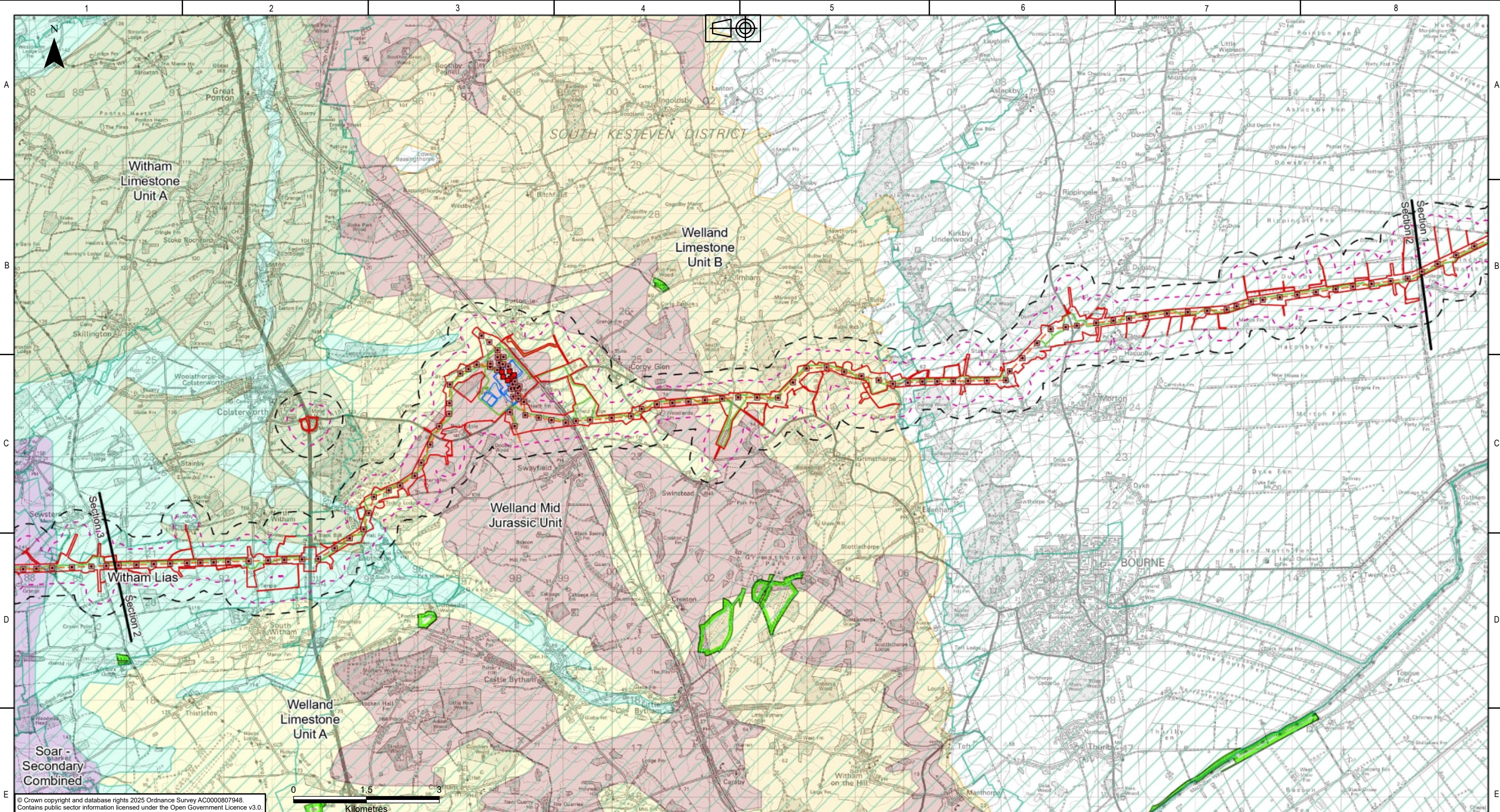


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	Indicative New Towers
	Proposed Overhead Line Alignment
	Haul Route
	Groundwater Dependent Terrestrial Ecosystems
	Nitrate Vulnerable Zones

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Site			
Weston Marsh to East Leicestershire			
Title			
Draft Environmental Statement: Figure 11.4 Groundwater Features			
Purpose of issue			Status
For Information			S2
Contractor Drawing No.			Revision
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000039			P01
Customer Drawing No.			Issue
N/A			A
Reviewed	Approved	Date	Scale
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KEY PLAN

Legend

Draft Order Limits

Sections

250m Study Area (Geology)

500m Study Area (Hydrogeology)

WMEL-A Substation

Indicative New Gantry

Indicative New Towers

Proposed Overhead Line Alignment

Haul Route

Groundwater Dependent Terrestrial Ecosystems

Nitrate Vulnerable Zones

WER Groundwater Bodies

Soar - Secondary Combined

Welland Limestone Unit A

Welland Limestone Unit B

Welland Mid Jurassic Unit

Witham Lias

Witham Limestone Unit A

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Drawn

D.MOSNEANU

Checked

L.TAPLIN

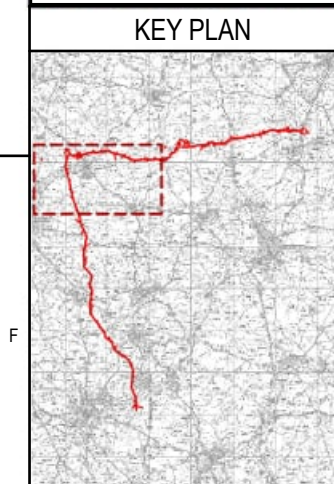
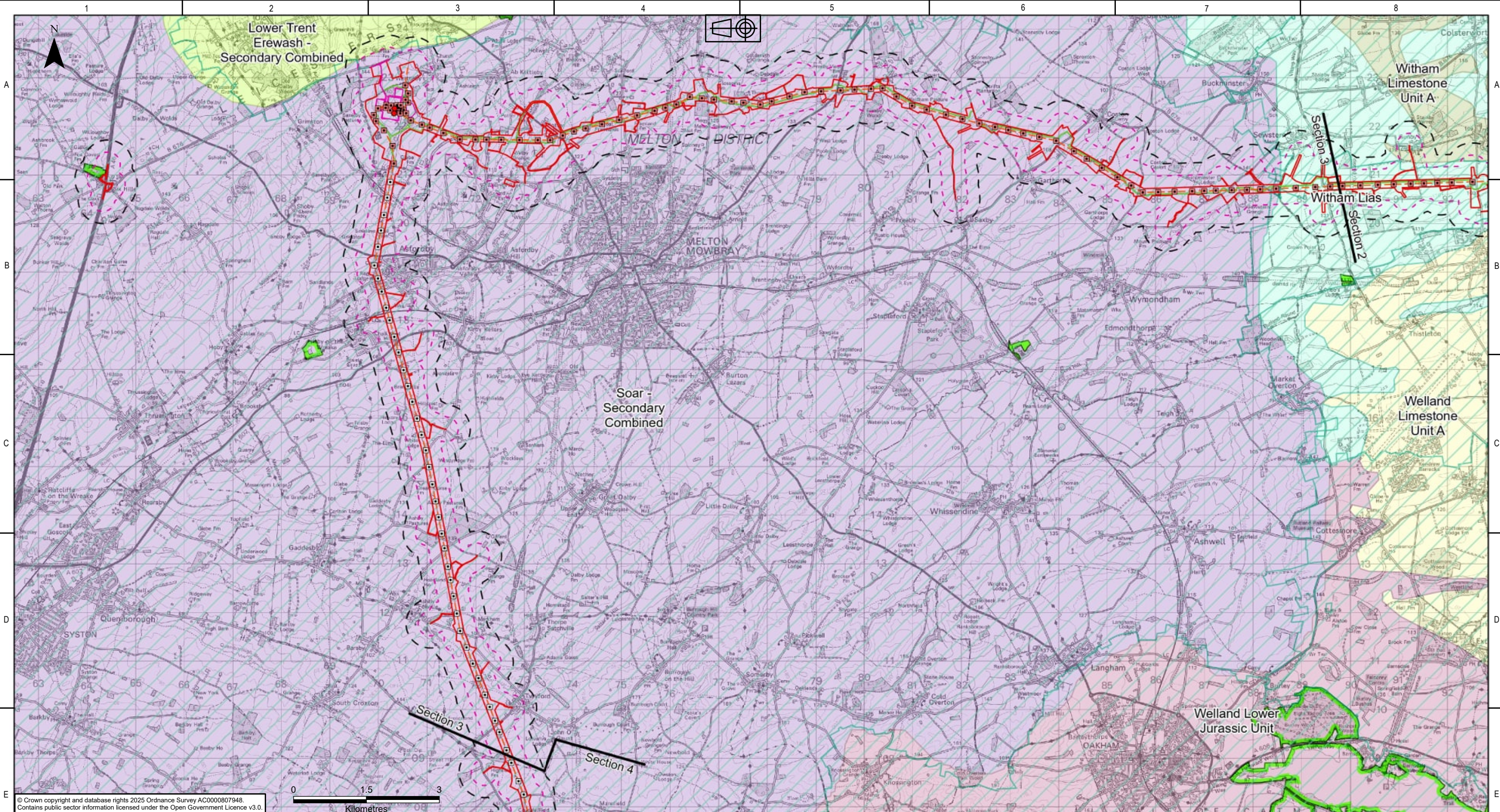
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Weston Marsh to East Leicestershire

Title

Draft Environmental Statement:
Figure 11.4
Groundwater Features

Purpose of issue	Status			
For Information	S2			
Contractor Drawing No.	Revision			
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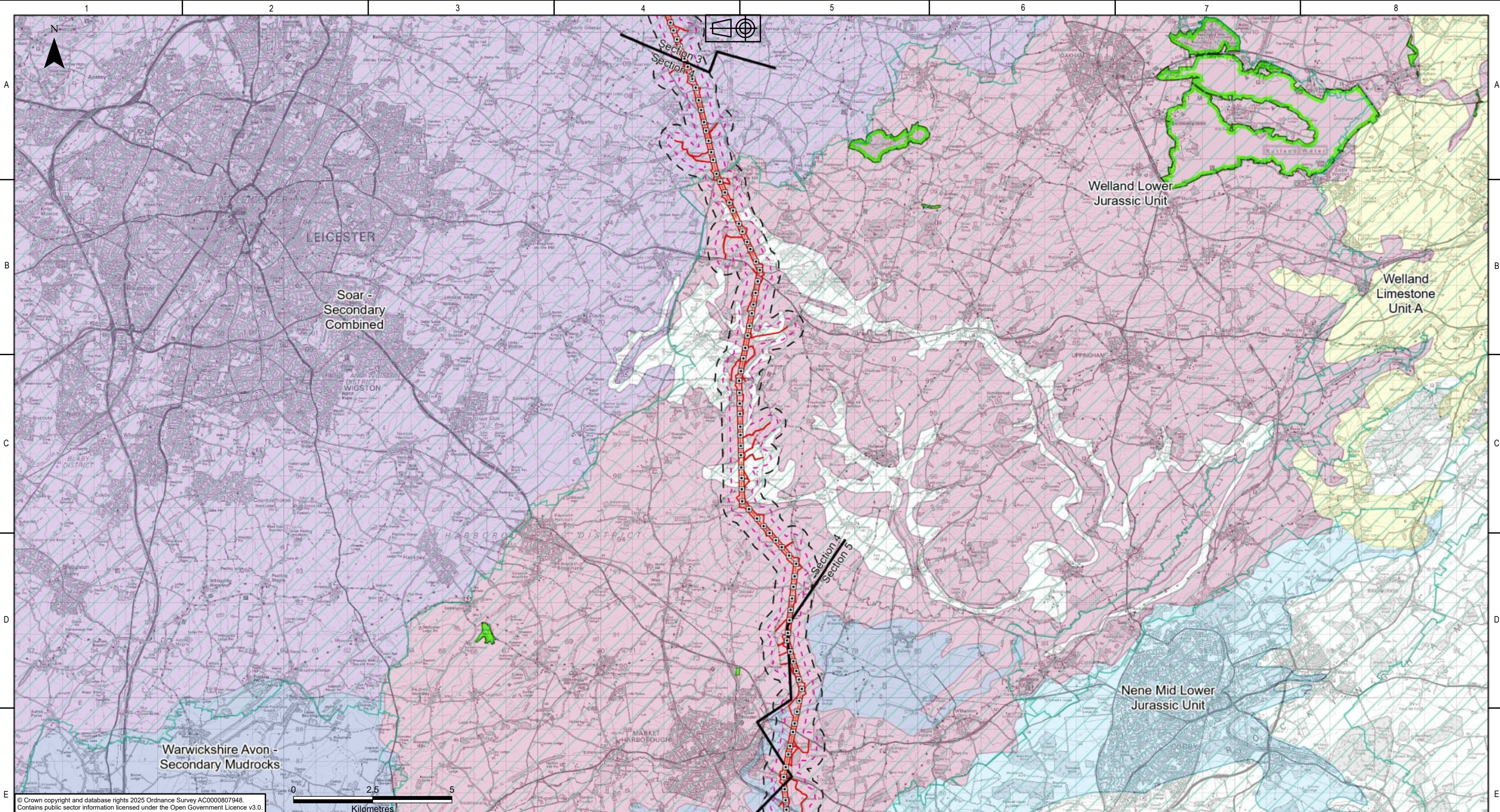


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	500m Study Area (Hydrogeology)
	WMEL-B Substation
	Indicative New Gantry
	Indicative New Towers
	Existing Towers for Reconductoring
	Proposed Overhead Line Alignment
	Haul Route
	Groundwater Dependent Terrestrial Ecosystems
	Nitrate Vulnerable Zones
WER Groundwater Bodies	
	Soar - Secondary Combined
	Welland Limestone Unit A
	Welland Lower Jurassic Unit
	Witham Lias
	Witham Limestone Unit A
	Lower Trent Erewash - Secondary Combined

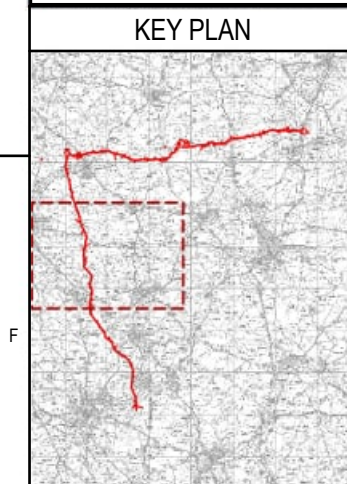
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Site Weston Marsh to East Leicestershire				
Title Draft Environmental Statement: Figure 11.4 Groundwater Features				
Purpose of issue For Information				Status S2
Contractor Drawing No. WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000039				Revision P01
Customer Drawing No. N/A				Issue A
Drawn D.MOSNEANU	Checked L.TAPLIN	Reviewed M.R.KEEN	Approved C.STOCKS	Date 31/07/2026
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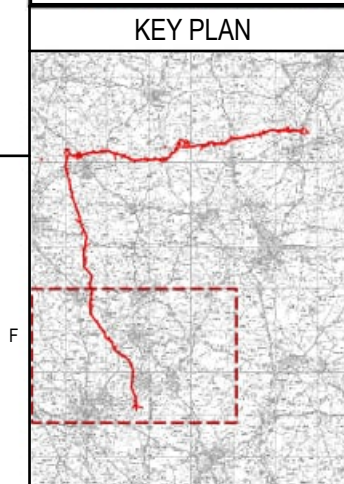
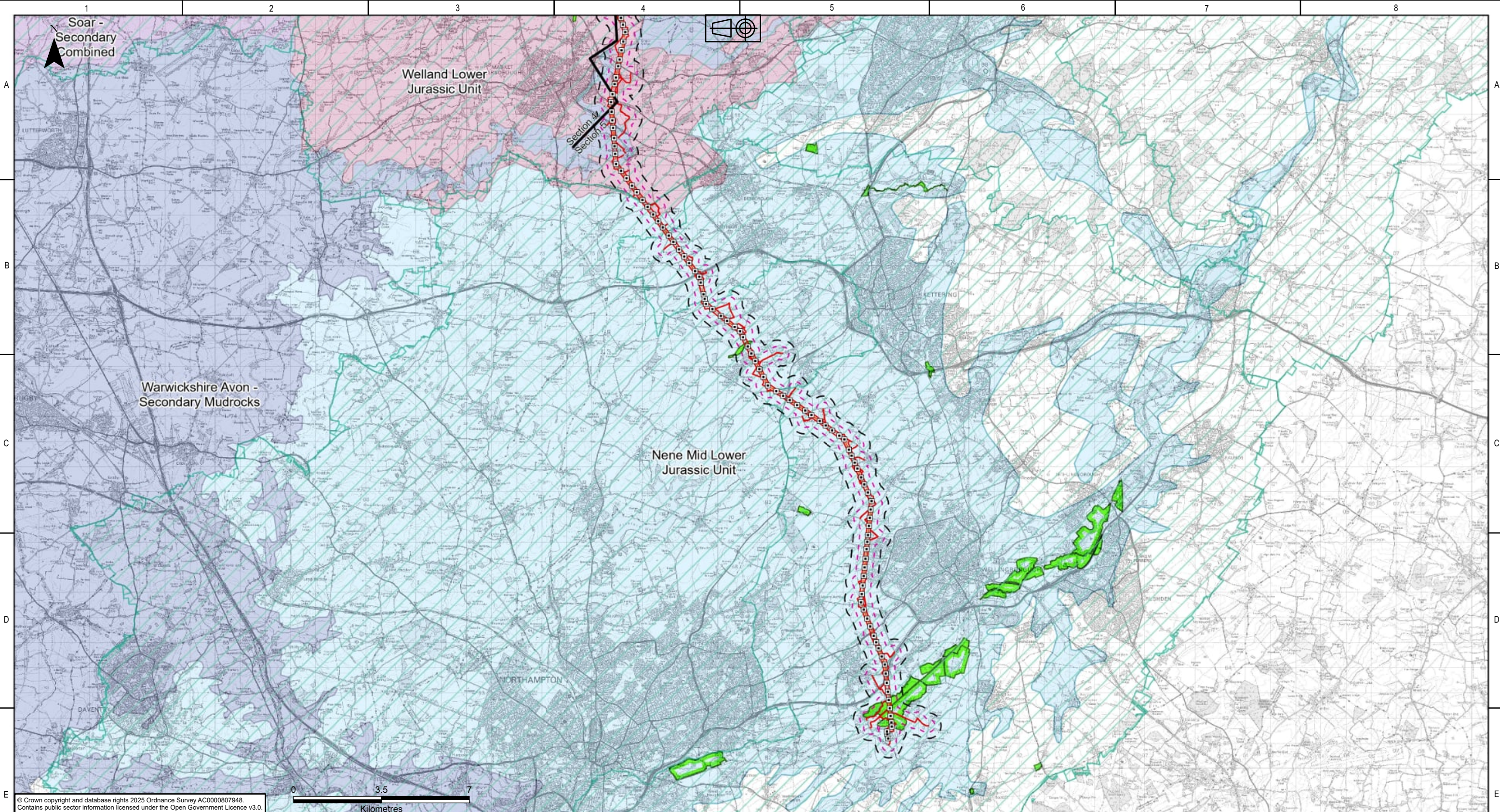
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	500m Study Area (Hydrogeology)
	Existing Towers for Reconductoring
	Proposed Overhead Line Alignment
	Groundwater Dependent Terrestrial Ecosystems
	Nitrate Vulnerable Zones
WER Groundwater Bodies	
	Nene Mid Lower Jurassic Unit
	Soar - Secondary Combined
	Warwickshire Avon - Secondary Mudrocks
	Welland Limestone Unit A
	Welland Lower Jurassic Unit

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Site			
Weston Marsh to East Leicestershire			
Title			
Draft Environmental Statement: Figure 11.4 Groundwater Features			
Purpose of issue			Status
For Information			S2
Contractor Drawing No.			Revision
WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000039			P01
Customer Drawing No.			Issue
N/A			A
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Legend	
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	Existing Towers for Reconductoring
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	Groundwater Dependent Terrestrial Ecosystems
	Nitrate Vulnerable Zones
WER Groundwater Bodies	
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	Soar - Secondary Combined
	Warwickshire Avon - Secondary Mudrocks
	Welland Lower Jurassic Unit

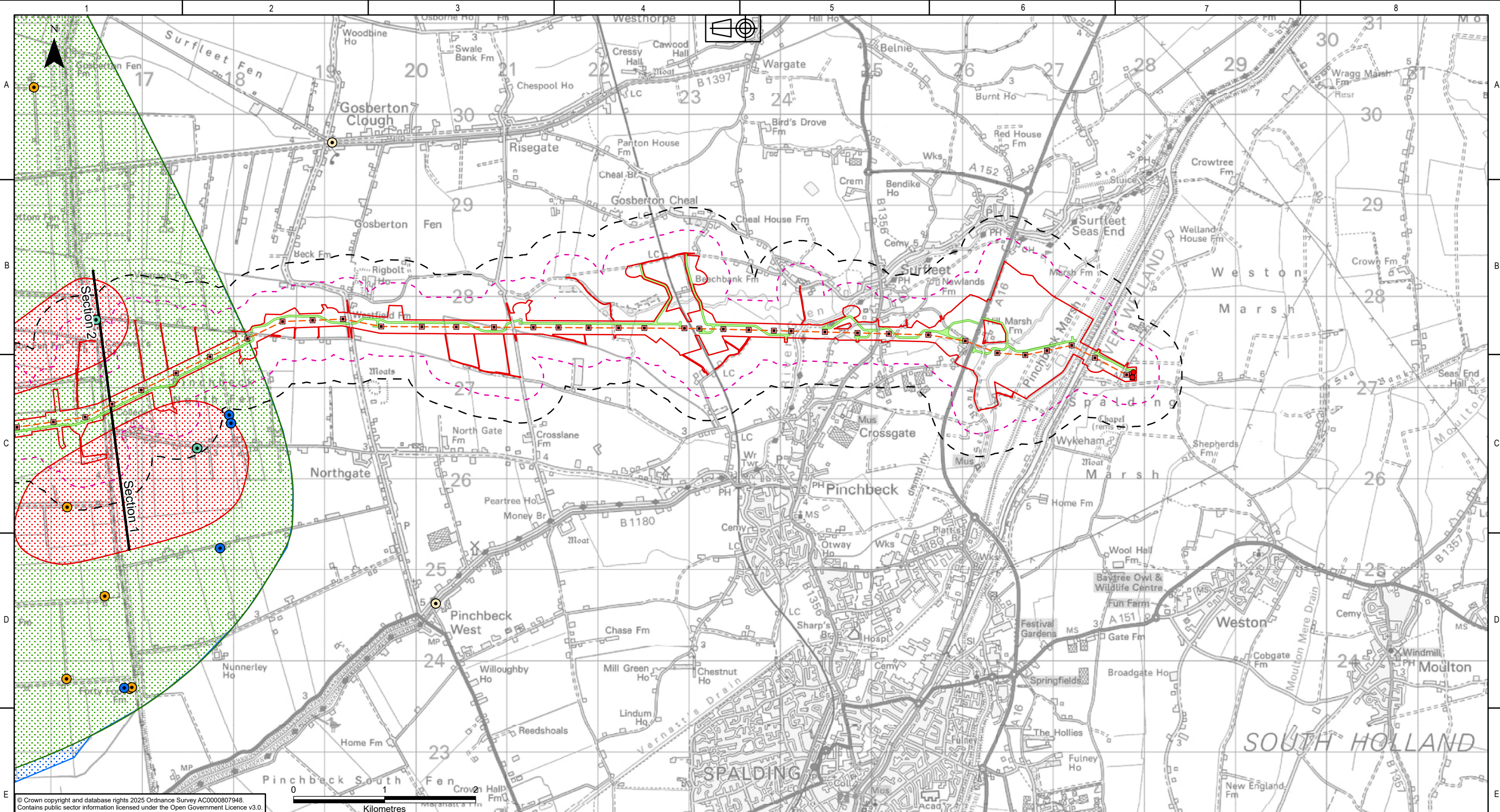
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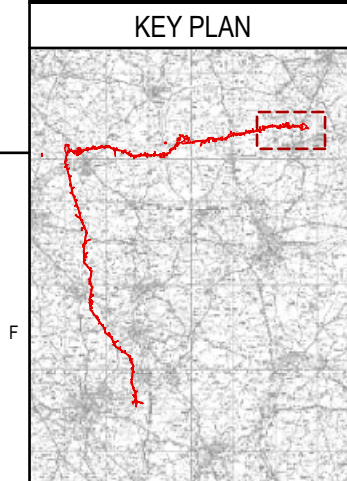
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D.MOSNEANU

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L.TAPLIN

Site Weston Marsh to East Leicestershire			
Title Draft Environmental Statement: Figure 11.4 Groundwater Features			
Purpose of issue For Information			Status S2
Contractor Drawing No. WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000039			Revision P01
Customer Drawing No. N/A			Issue A
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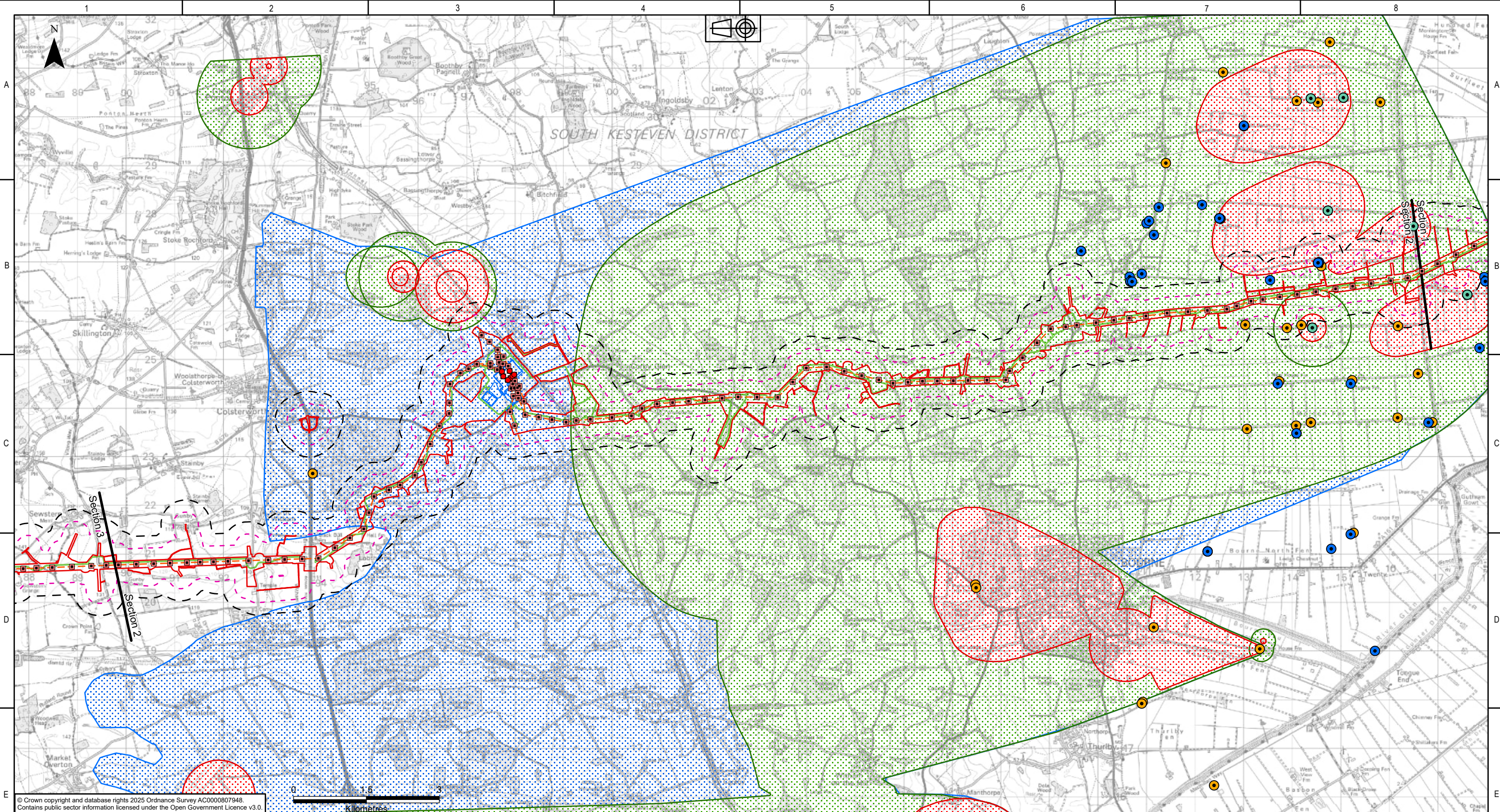
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- Draft Order Limits
 - Sections
 - 250m Study Area (Geology)
 - 500m Study Area (Hydrogeology)
 - Indicative New Gantry
 - Indicative New Towers
 - Proposed Overhead Line Alignment
 - Haul Route
- Licensed Groundwater Abstractions (Environment Agency)**
- Public Water Supply
 - Other Licensed Groundwater Abstractions
- Unlicensed Groundwater Abstractions**
- High Location Accuracy
 - Low Location Accuracy
- Source Protection Zones**
- Zone I - Inner Protection Zone
 - Zone II - Outer Protection Zone
 - Zone III - Total Catchment

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Site				Weston Marsh to East Leicestershire			
Title				Draft Environmental Statement: Figure 11.5 Groundwater Abstractions and Discharges			
Purpose of issue		For Information		Status		S2	
Contractor Drawing No.		WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000040		Revision		P01	
Customer Drawing No.		N/A		Sheet 1 of 5		Issue	
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KEY PLAN

Legend

Draft Order Limits

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250m Study Area (Geology)

500m Study Area (Hydrogeology)

WMEL-A Substation

Indicative New Gantry

Indicative New Towers

Proposed Overhead Line Alignment

Haul Route

Licensed Groundwater Abstractions (Environment Agency)

Public Water Supply

Other Licensed Groundwater Abstractions

Unlicensed Groundwater Abstractions

High Location Accuracy

Low Location Accuracy

Source Protection Zones

Zone I - Inner Protection Zone

Zone II - Outer Protection Zone

Zone III - Total Catchment

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Site

Weston Marsh to East Leicestershire

Title

Draft Environmental Statement:
Figure 11.5
Groundwater Abstractions and Discharges

Purpose of issue

For Information

Contractor Drawing No.

WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000040

Customer Drawing No.

N/A

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Checked

L.TAPLIN

Reviewed

M.R.KEEN

Approved

C.STOCKS

Date

31/07/2026

Scale

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Status

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Revision

P01

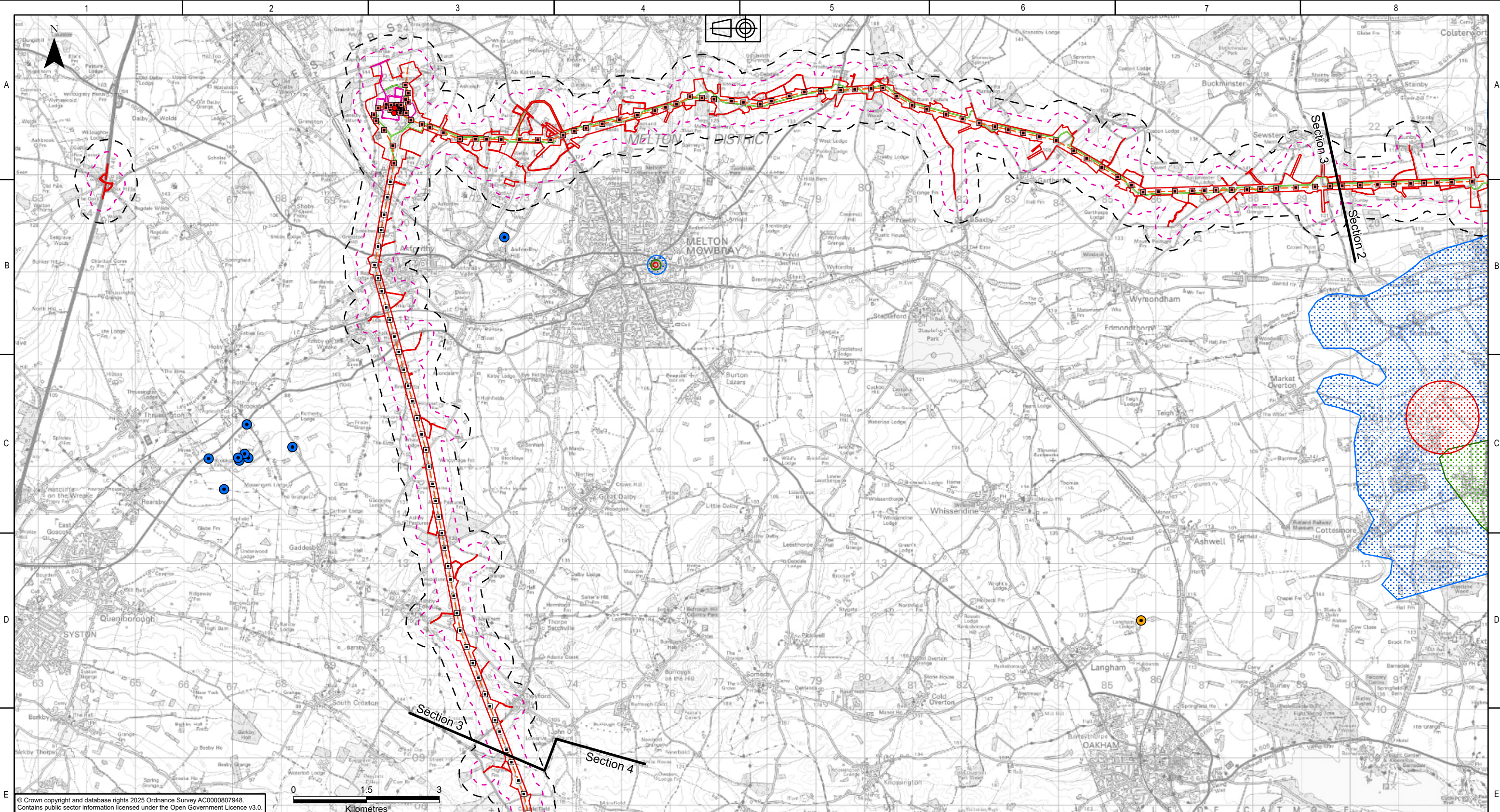
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KEY PLAN

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Other Licensed Groundwater Abstractions

Unlicensed Groundwater Abstractions

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Low Location Accuracy

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Zone I - Inner Protection Zone

Zone II - Outer Protection Zone

Zone III - Total Catchment

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Site

Weston Marsh to East Leicestershire

Title

Draft Environmental Statement:
Figure 11.5
Groundwater Abstractions and Discharges

Purpose of issue

For Information

Status

S2

Contractor Drawing No.

WMEL-AAJ-ZZZZ-ZZZZZZ-DRW-ES-000040

Revision

P01

Customer Drawing No.

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Date

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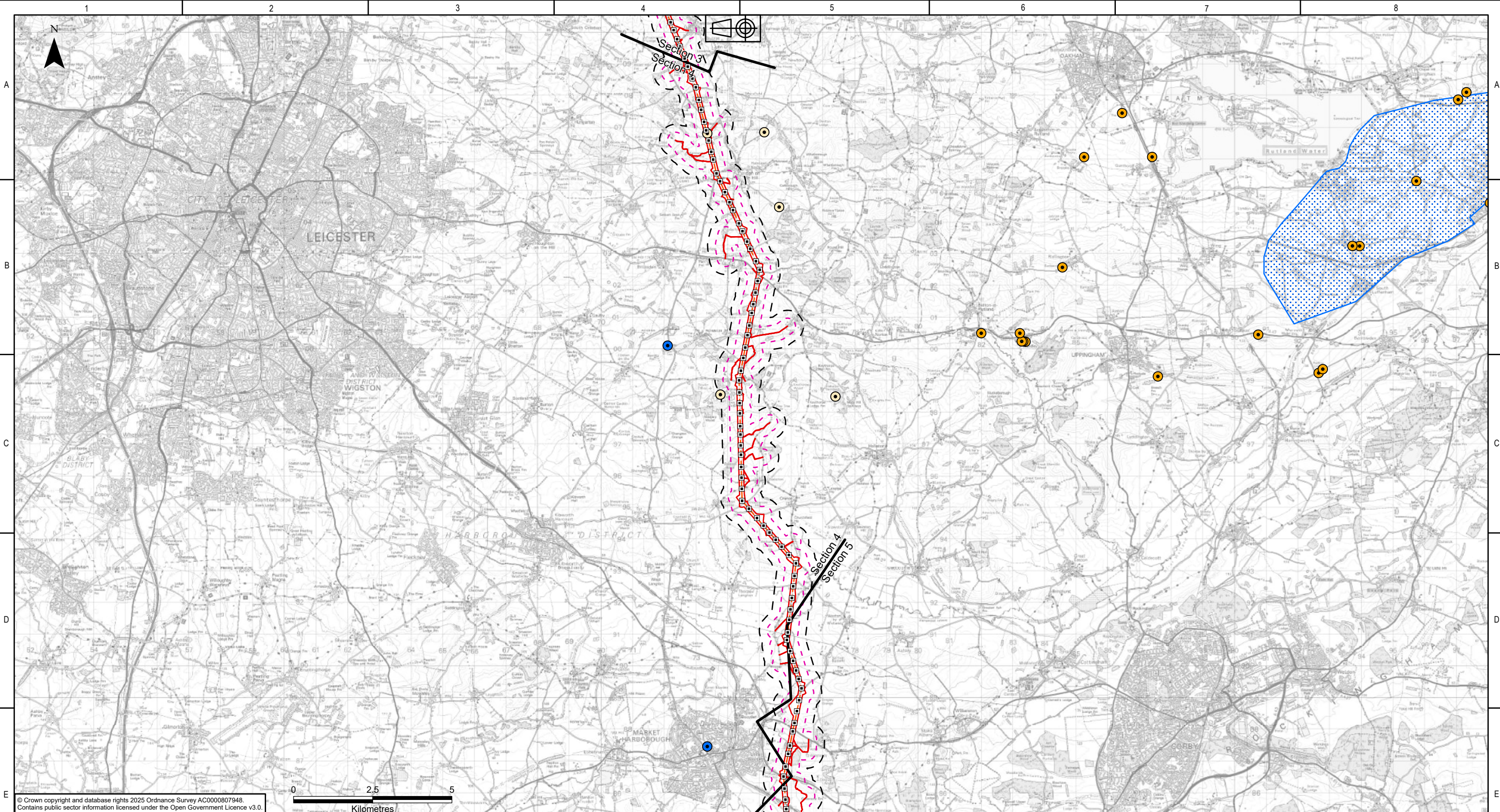
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Sheet 3 of 5



KEY PLAN

Legend

Draft Order Limits

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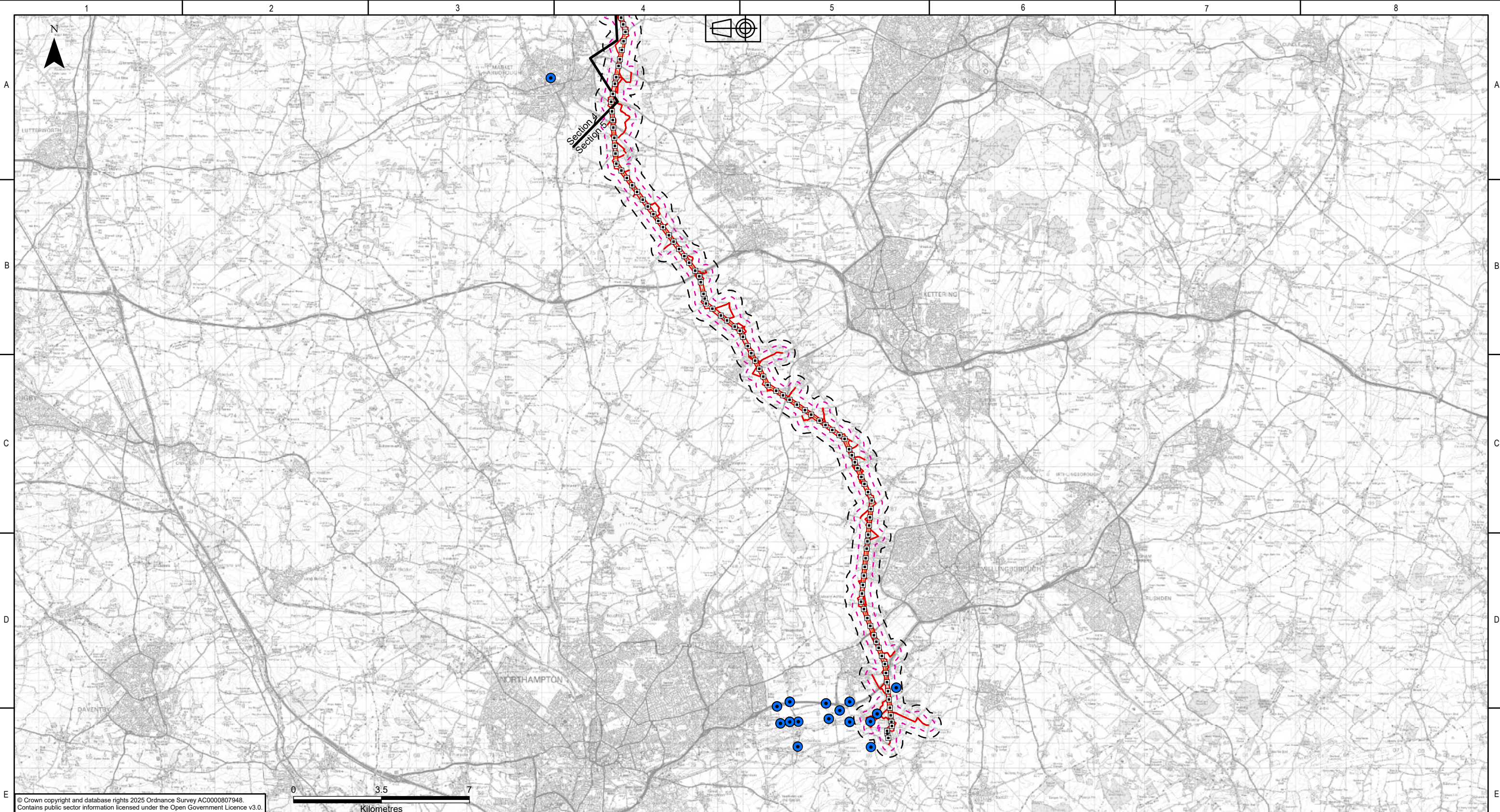
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Weston Marsh to East Leicestershire

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Figure 11.5
Groundwater Abstractions and Discharges

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M.R.KEEN	C.STOCKS	31/07/2026	1:115,000	A3



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Weston Marsh to East Leicestershire

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Figure 11.5
Groundwater Abstractions and Discharges

Purpose of issue	Status
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Customer Drawing No. N/A	Issue A
Reviewed M.R.KEEN	Approved C.STOCKS
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