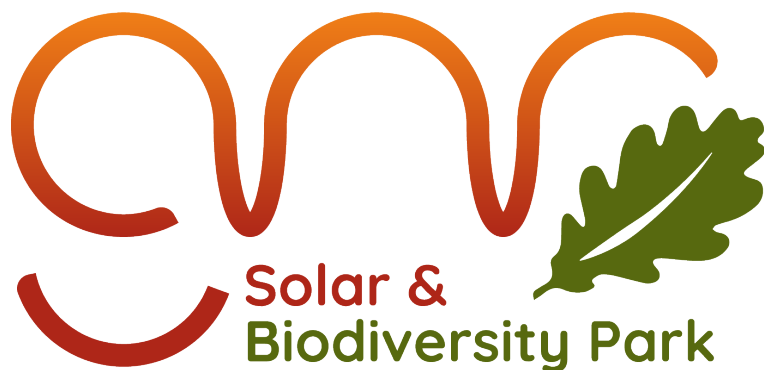




Great North Road Solar and Biodiversity Park

Environmental Statement Volume 3, Chapter 9 Water Resources Figures

Document reference – EN010162/APP/6.3.9A

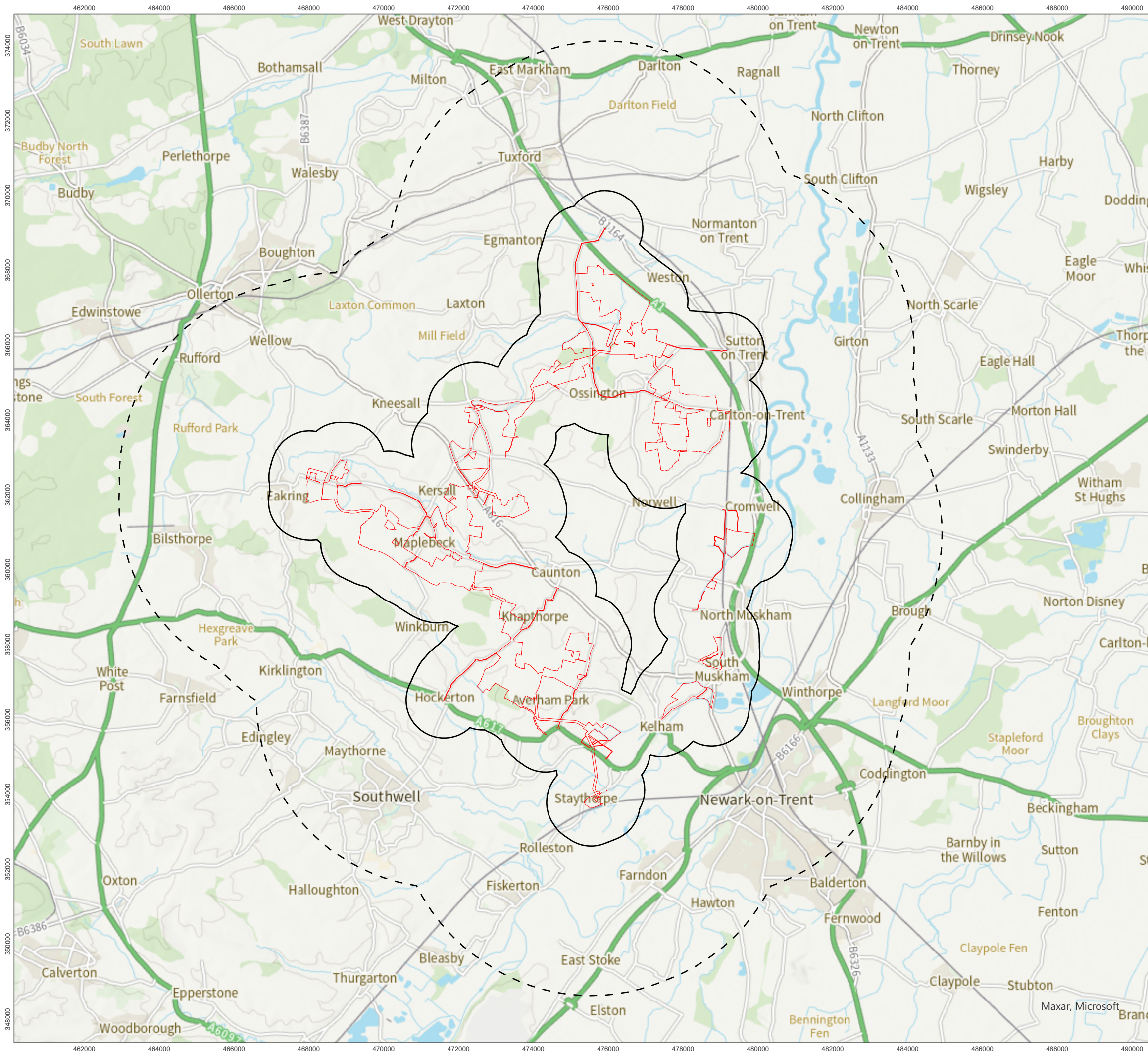
Revision number 2

August 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, APFP Regulation 5(2)(a)

6.3.9 ENVIRONMENTAL STATEMENT VOLUME 3, CHAPTER 9 WATER RESOURCES FIGURES

<i>Revision</i>	<i>Drawing Title</i>
01	Figure 9.1 Hydrology Study Area
01	Figure 9.2 Solid Geology
01	Figure 9.3 Superficial Geology
02	Figure 9.4 Watercourses within CSA
01	Figure 9.5 WFD Classifications
02	Figure 9.6 IDB Maintained Watercourses
01	Figure 9.7 Drinking Water Protected Areas
01	Figure 9.8 Source Protection Zones



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 Order Limits / Core Study Area

 Water Supply Study Area

 Wider Study Area

1:100,000 Scale @ A3

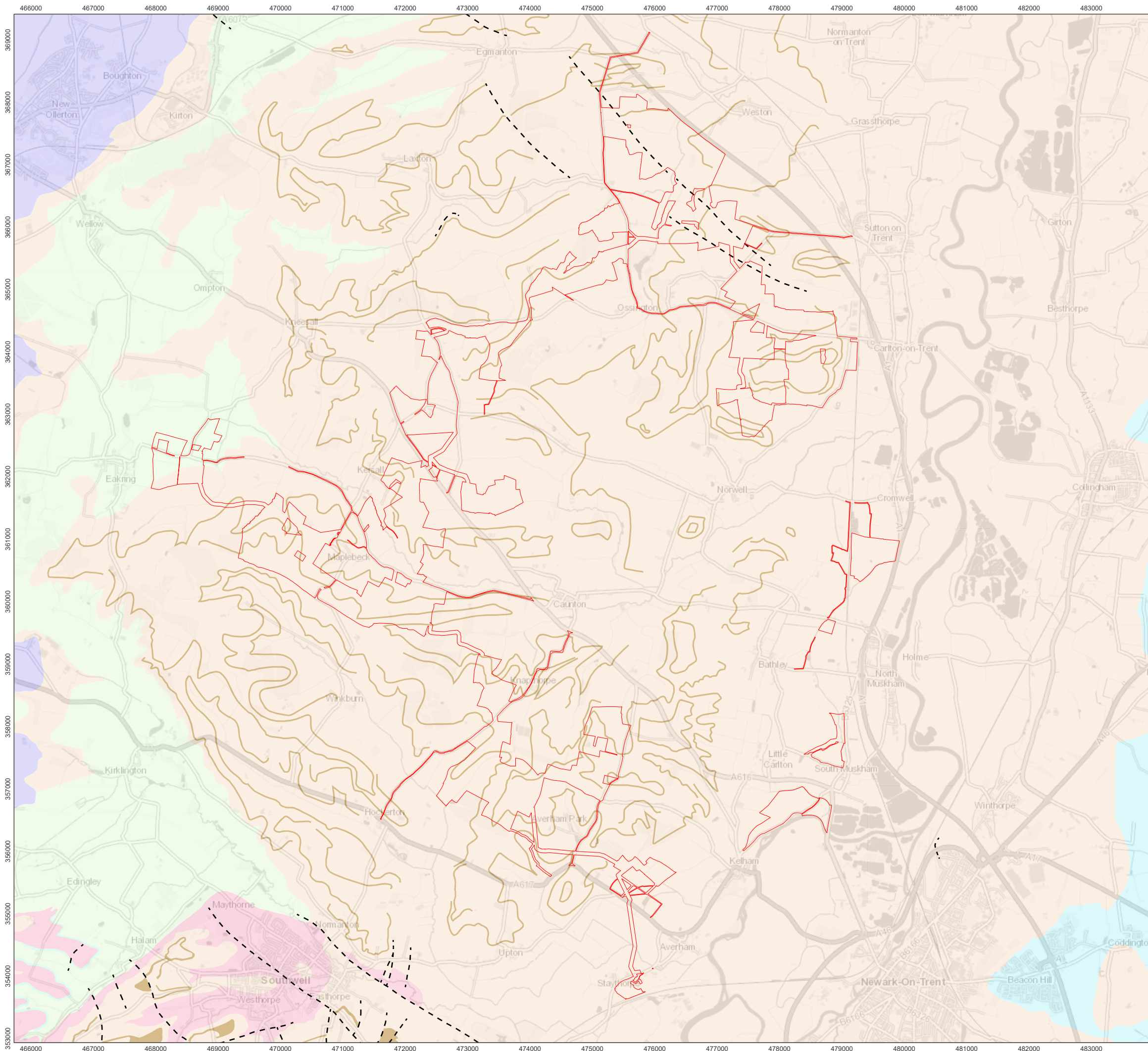


Ref: 014-ES-001

Date: 20/06/2025

Hydrology Study Areas Figure 9.1

Great North Road Solar and Biodiversity Park Environmental Statement





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Solar &
Biodiversity Park

Order Limits / Core Study Area

Faultline

Solid Geology

IRONSTONE NODULAR

LIMESTONE

MUDSTONE

MUDSTONE AND
LIMESTONE, INTERBEDDED

MUDSTONE AND SILTSTONE

MUDSTONE WITH
LIMESTONE NODULES

MUDSTONE, CALCAREOUS

SANDSTONE

SANDSTONE, PEBBLY
(GRAVELLY)

SILTSTONE, DOLOMITIC

SILTSTONE, MUDSTONE AND
SANDSTONE

1:60,000

Scale @ A3

0

0.5

1

2 km

Ref: 014-ES-002

Date: 20/06/2025

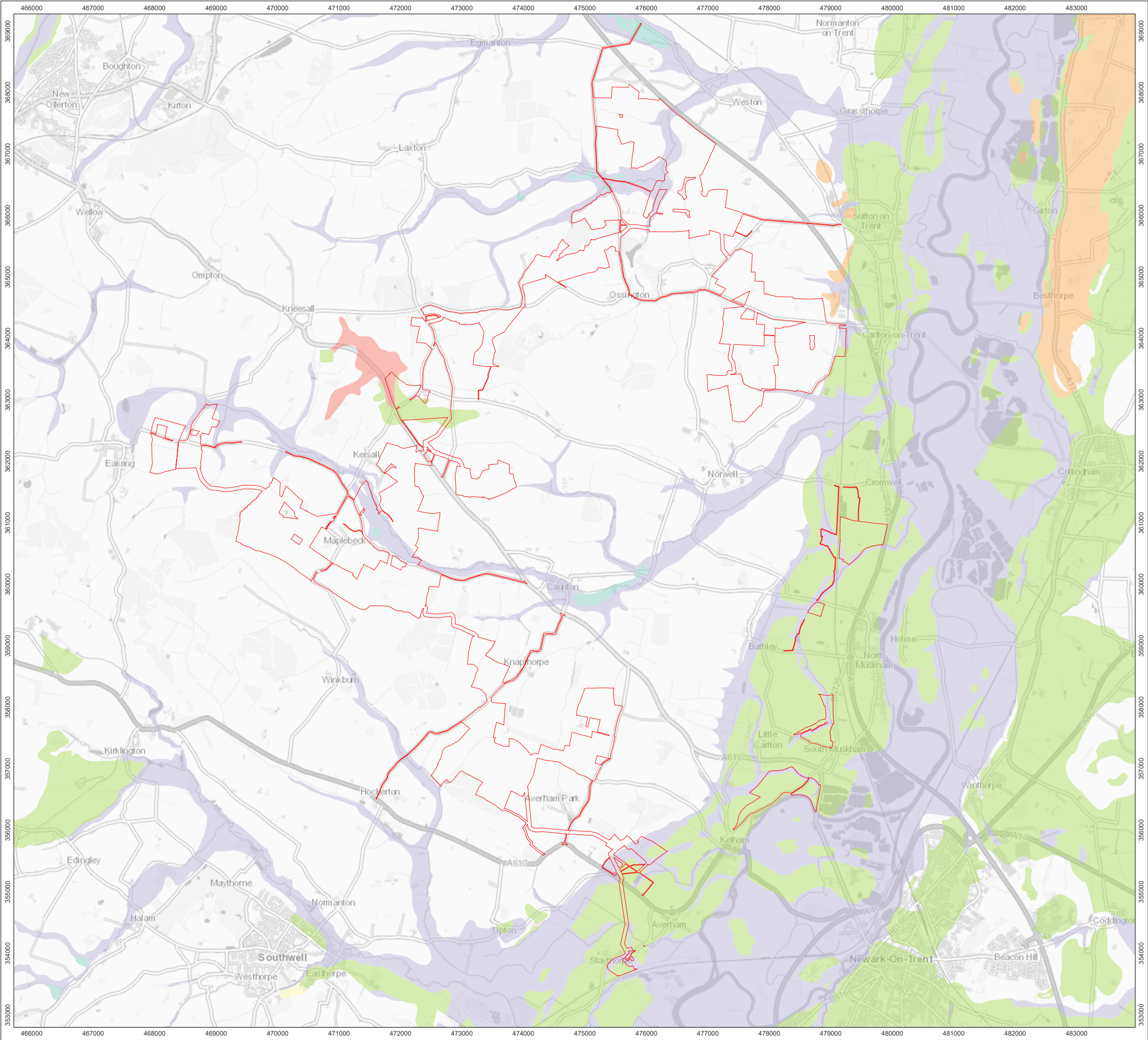
Solid Geology

Figure 9.2

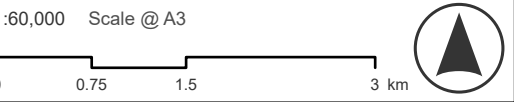
Great North Road Solar and
Biodiversity Park

Environmental Statement

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-  Order Limits / Core Study Area
- Superficial Geology
-  CLAY, SHELL
-  CLAY, SILT AND SAND
-  CLAY, SILT, SAND AND GRAVEL
-  DIAMICTON
-  PEAT
-  SAND
-  SAND AND GRAVEL
-  SAND AND SILT

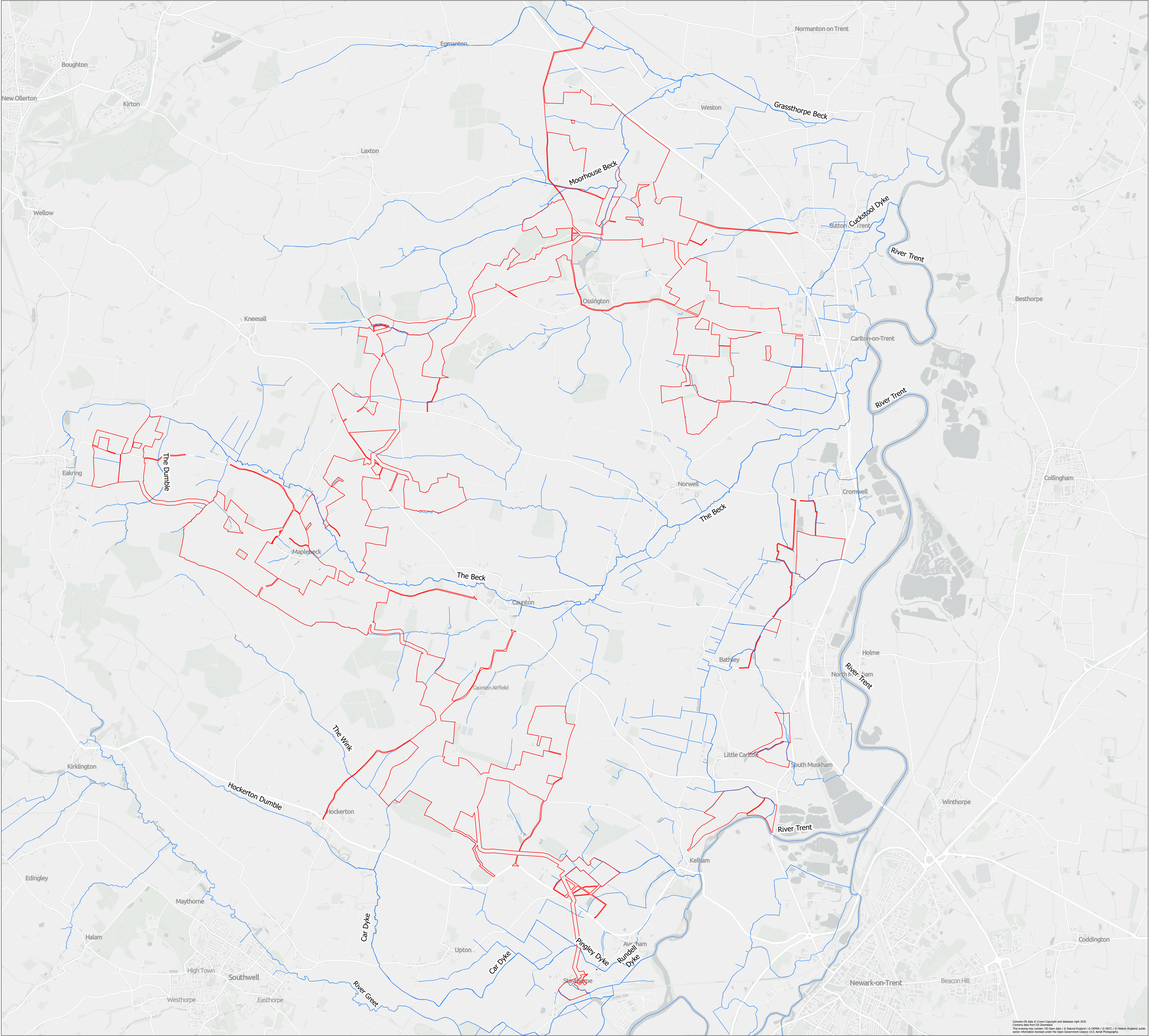


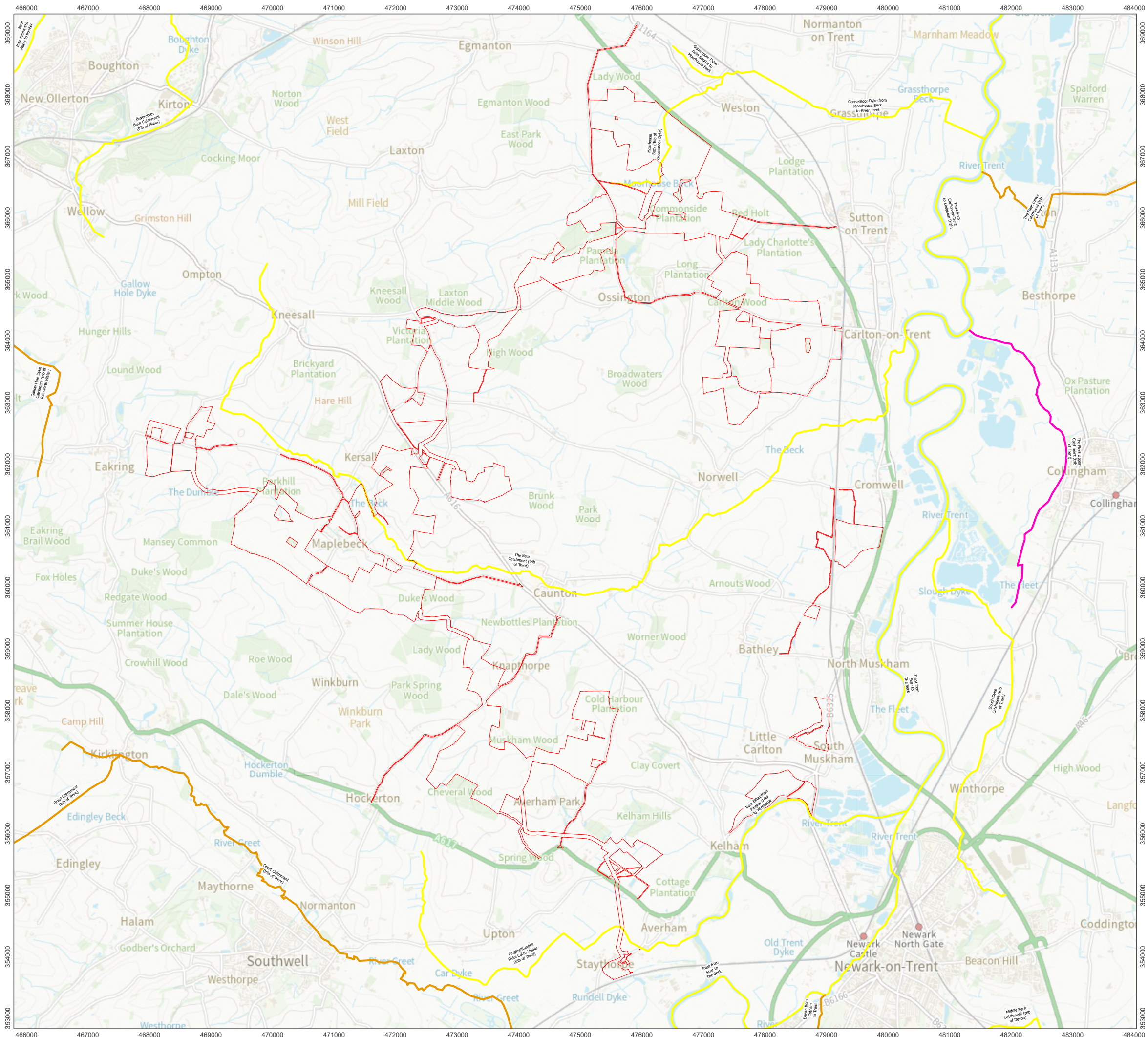
Ref: 014-ES-003

Date: 20/06/2025

Superficial Geology
Figure 9.3

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Order Limits / Core Study Area

WFD Cycle 3 2022

Overall Class

Bad

Moderate

Poor

1:60,000 Scale @ A3

0 0.5 1 2 km



Ref: 014-ES-005

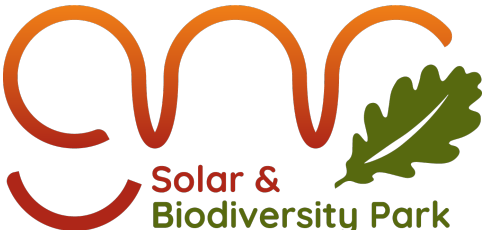
Date: 20/06/2025

**WFD Classifications
Figure 9.5**

**Great North Road Solar and
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Environmental Statement**

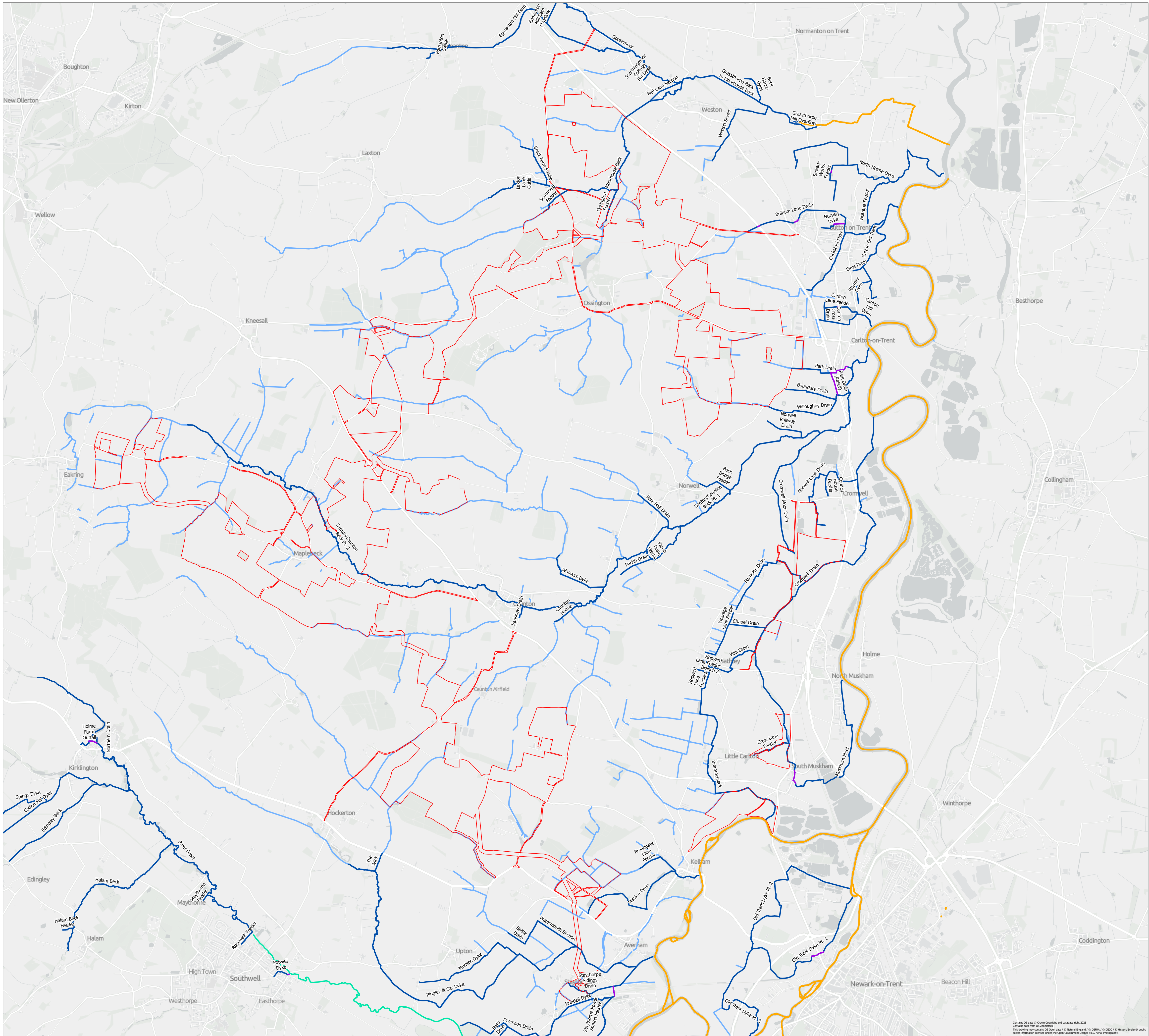


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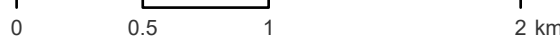


Solar & Biodiversity Park

- Order Limits / Core Study Area
- EA Board Maintained
 - EA Main River
 - IDB Piped Lengths
 - IDB Maintained
 - Watercourses



1:30,000 Scale @ A1



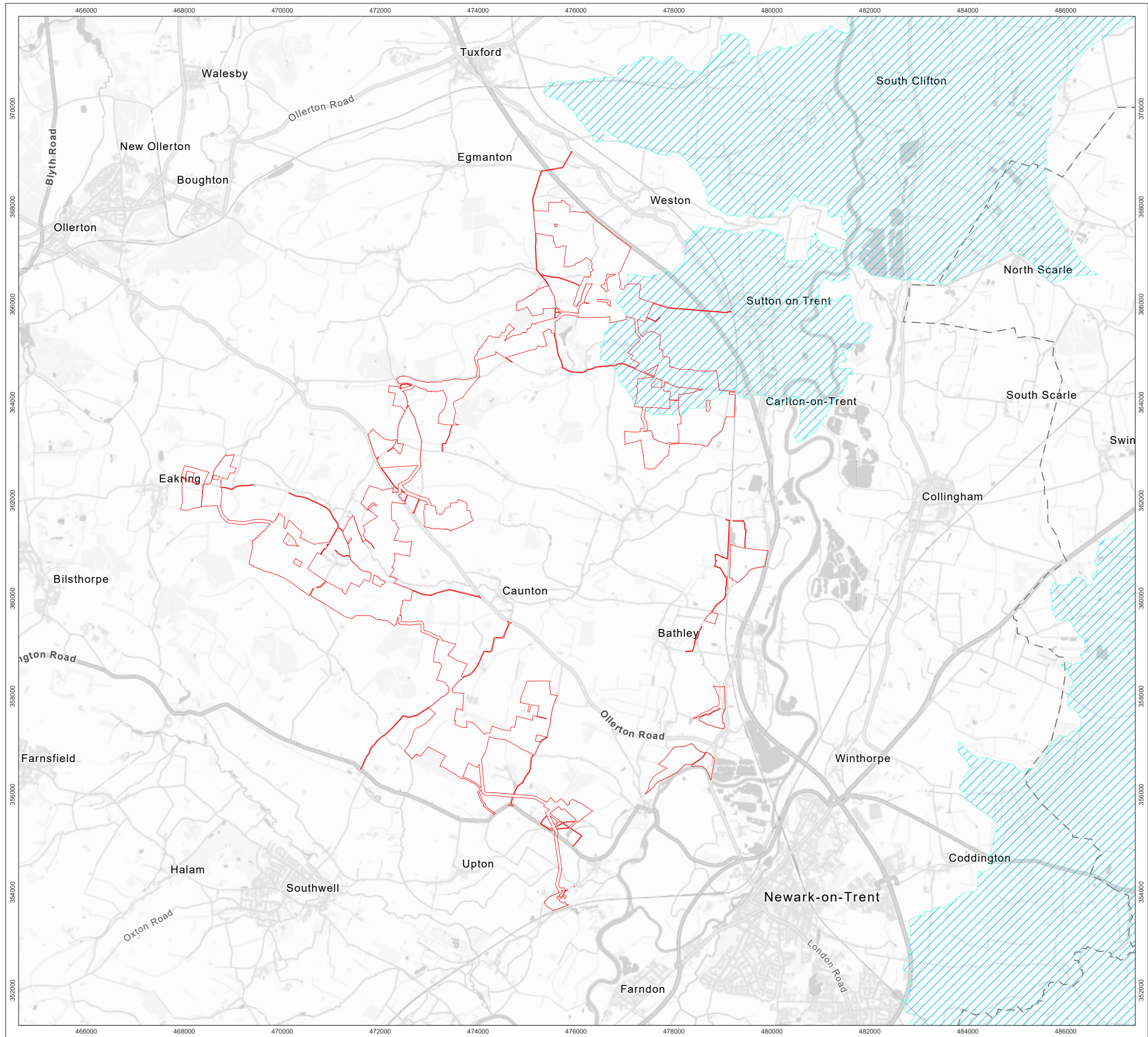
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IDB Maintained Watercourses Figure 9.6

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Solar &
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Order Limits / Core Study Area

Drinking Water Protected Area

1:75,000 Scale @ A3

0 0.75 1.5 3 km

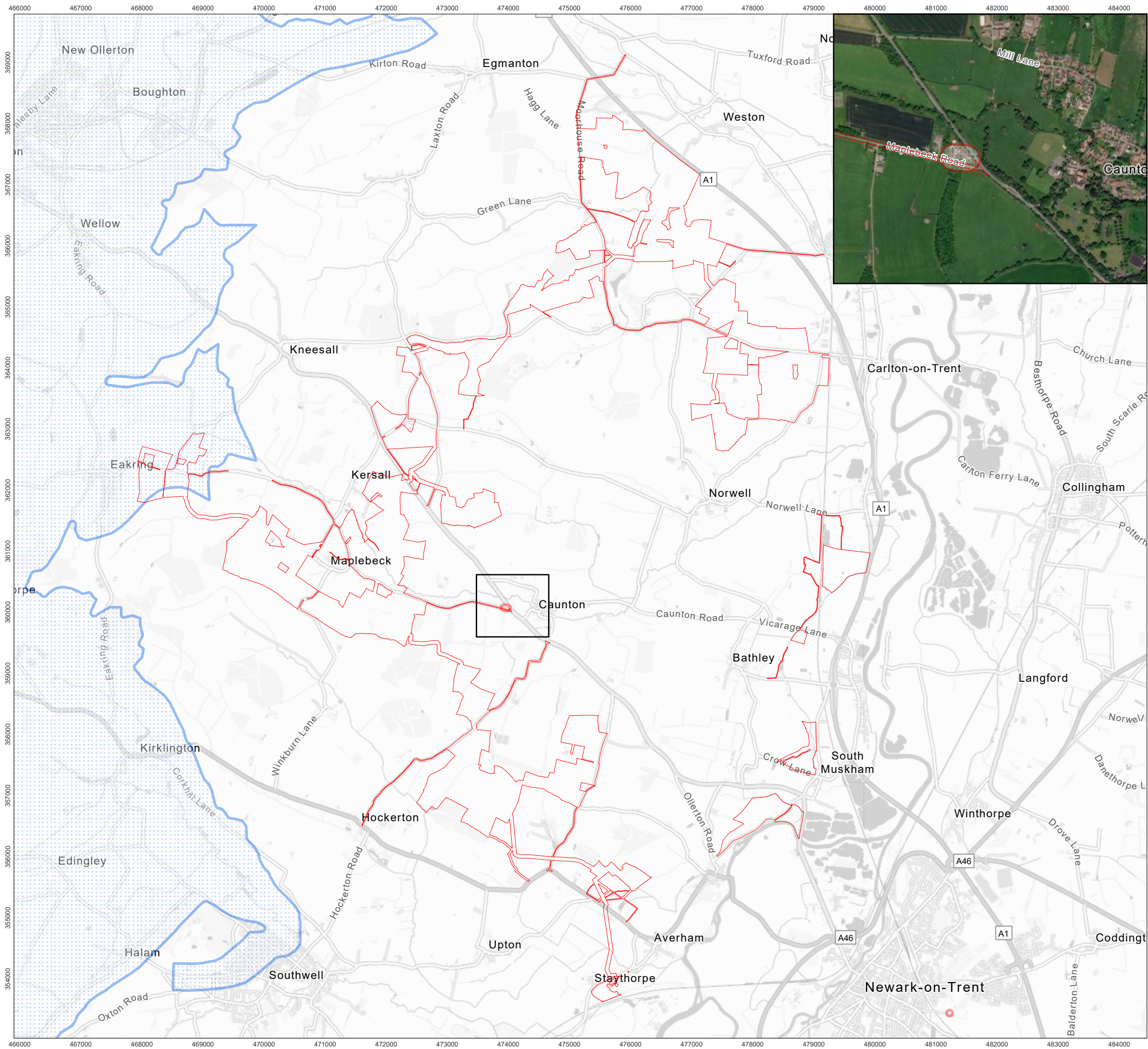


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Drinking Water Protected Area
Figure 9.7

Great North Road Solar and
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Environmental Statement





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Solar &
Biodiversity Park

Order Limits / Core Study Area

Source Protection Zones

Zone I - Inner Protection Zone

Zone II - Outer Protection Zone

Zone III - Total Catchment

Zone of Special Interest

1:61,000

Scale @ A3

0

0.5

1

2 km

Ref: 014-ES-054

Date: 23/06/2025

Source Protection Zones

Figure 9.8

Great North Road Solar and Biodiversity Park

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