

# A47 North Tuddenham to Easton Dualling

**Scheme Number: TR010038**

## **Volume 6** **6.2 Environmental Statement Figures** **Figures 13.5 to 13.8**

APFP Regulation 5(2)(a)

Planning Act 2008

Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009

March 2021

Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning  
(Applications: Prescribed Forms and  
Procedure) Regulations 2009**

The A47 North Tuddenham to Easton  
Development Consent Order 202[x]

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**ENVIRONMENTAL STATEMENT FIGURES**  
**Figures 13.5 to 13.8**

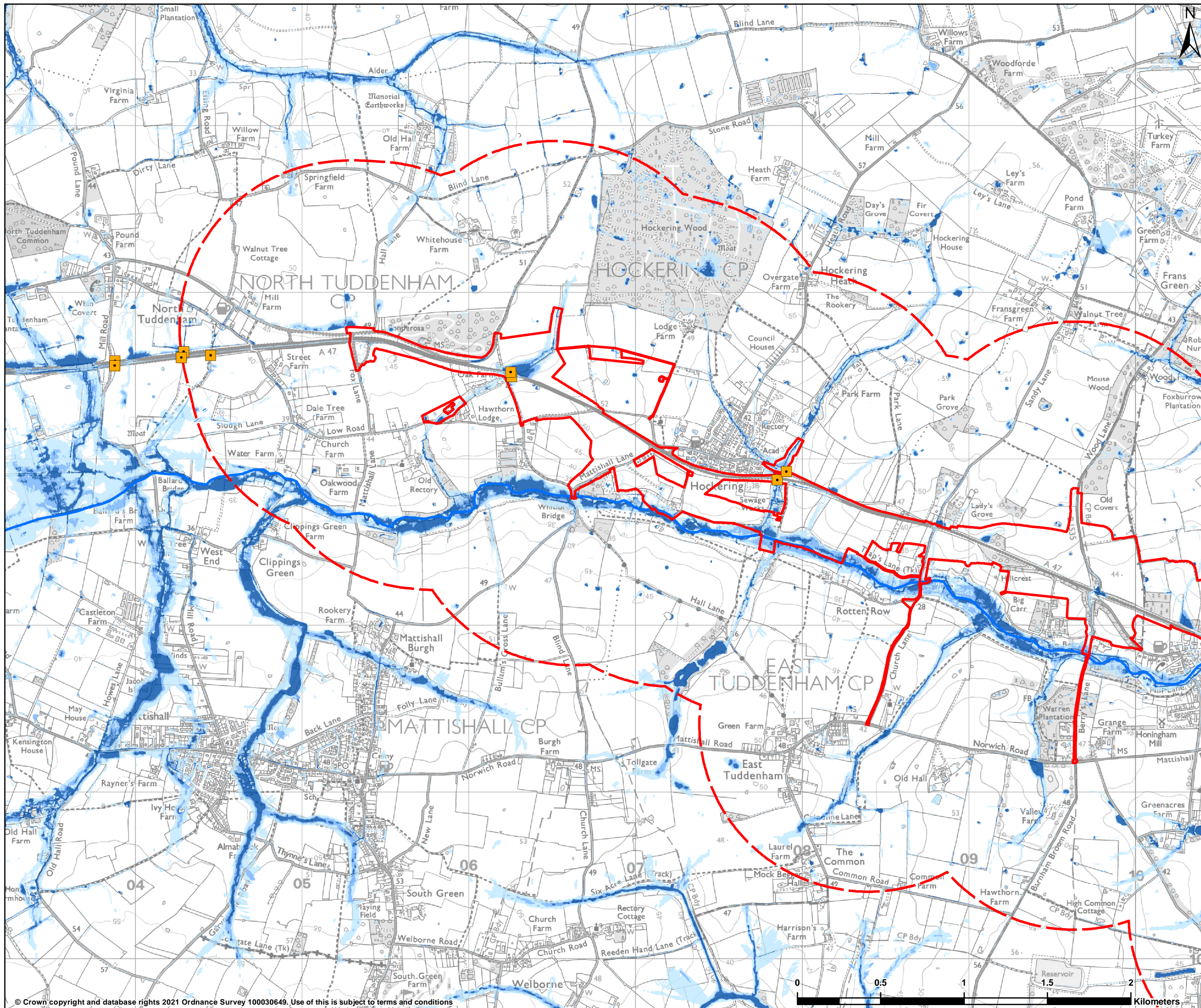
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<b>Regulation Number:</b>	5(2)(a)
<b>Planning Inspectorate Scheme Reference</b>	TR010038
<b>Application Document Reference</b>	TR010038/APP/6.2
<b>Author:</b>	A47 North Tuddenham to Easton Dualling Project Team, Highways England

<b>Version</b>	<b>Date</b>	<b>Status of Version</b>
Rev 0	March 2021	Application Issue

## SCHEDULE OF FIGURES IN THIS APPLICATION DOCUMENT

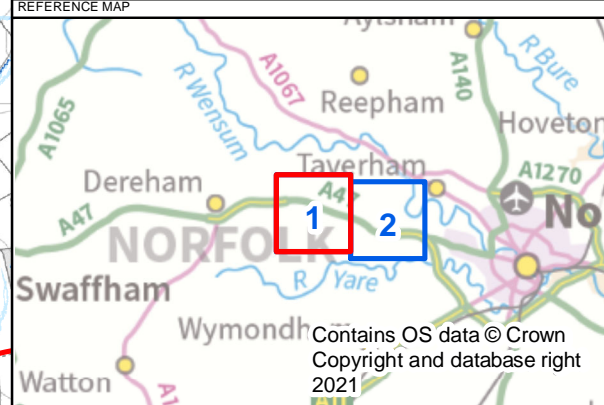
Figure Title	Drawing Number
Figure 13.5 – Surface Water Flood Risk (Sheet 1 of 2)	HE551489-GTY-EWE-000-DR-GI-30006
Figure 13.5 – Surface Water Flood Risk (Sheet 2 of 2)	HE551489-GTY-EWE-000-DR-GI-30007
Figure 13.6 – Susceptibility to Groundwater Flooding	HE551489-GTY-EWE-000-DR-GI-30008
Figure 13.7 –Groundwater Abstractions, Discharges and Source Protection Zones	HE551489-GTY-EWE-000-DR-GI-30009
Figure 13.8 – Groundwater Investigation Boreholes (Sheet 1 of 2)	HE551489-GTY-EWE-000-DR-GI-30010
Figure 13.8 – Groundwater Investigation Boreholes (Sheet 2 of 2)	HE551489-GTY-EWE-000-DR-GI-30011



**LEGEND**

- DCO boundary
- Study area
- Highways England Outfall locations
- Main River
- Risk of flooding from surface water - High
- Risk of flooding from surface water - Medium
- Risk of flooding from surface water - Low

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**GallifordTry**

CLIENT  
**highways  
england**

PROJECT TITLE  
A47 NORTH TUDDENHAM TO EASTON

PROJECT STAGE  
PCF STAGE 3

DRAWING TITLE  
FIGURE 13.5 - SURFACE WATER FLOOD RISK  
SHEET 1 OF 2  
TR010038/APP/6.2

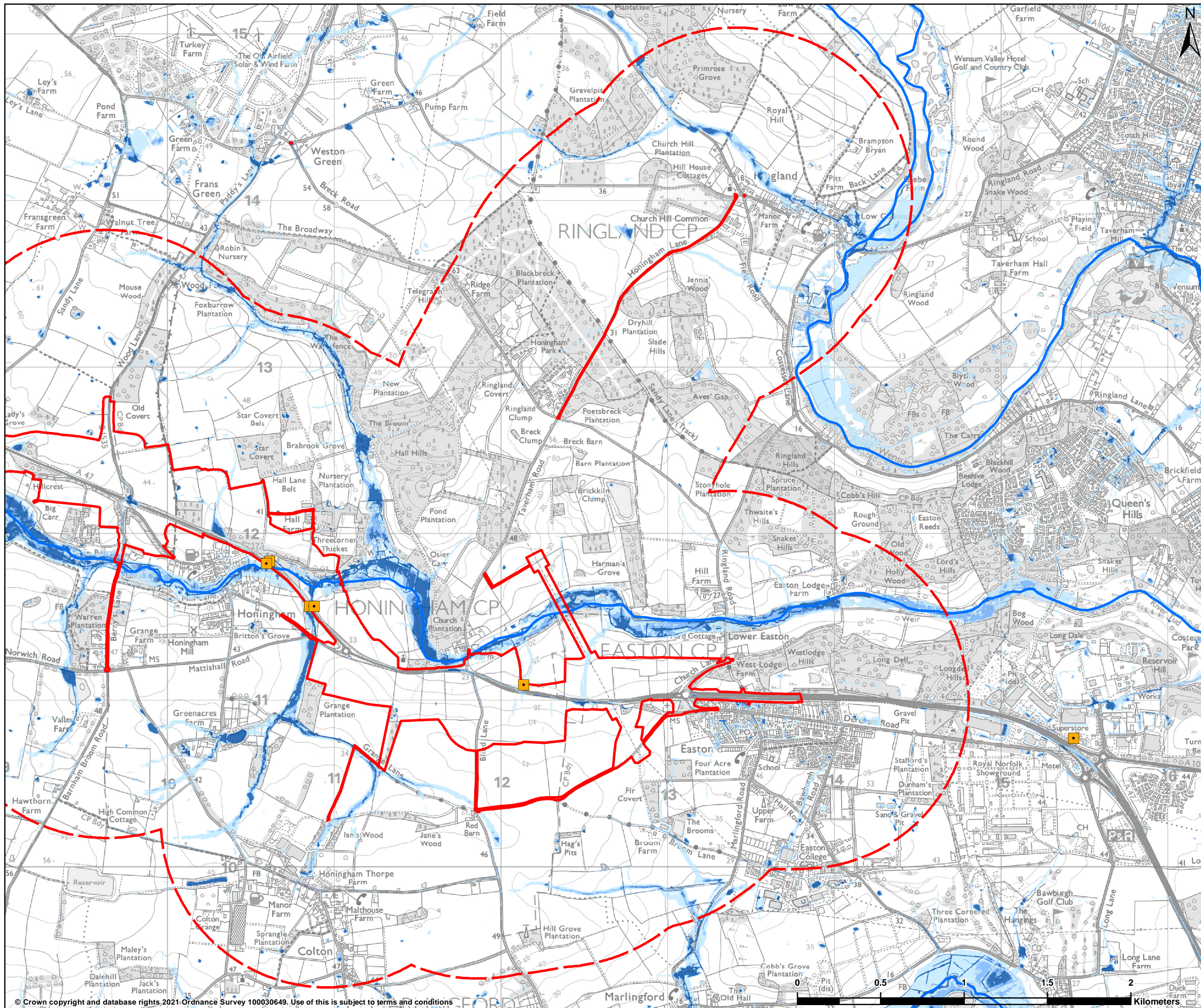
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FOR INFORMATION

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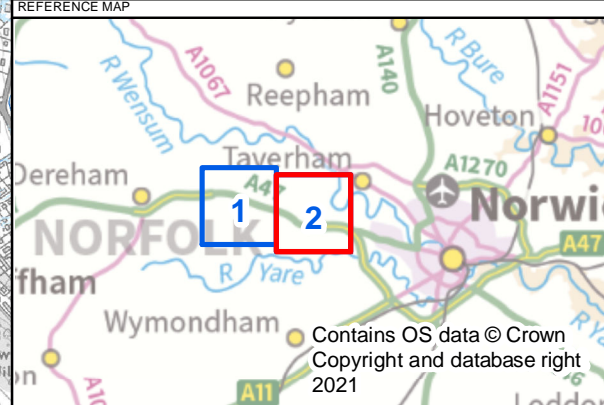
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**LEGEND**

- DCO boundary
- Study area
- Highways England Outfall locations
- Main River
- Risk of flooding from surface water - High
- Risk of flooding from surface water - Medium
- Risk of flooding from surface water - Low

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DRAWING TITLE  
**FIGURE 13.5 - SURFACE WATER FLOOD RISK  
SHEET 2 OF 2  
TR010038/APP/6.2**

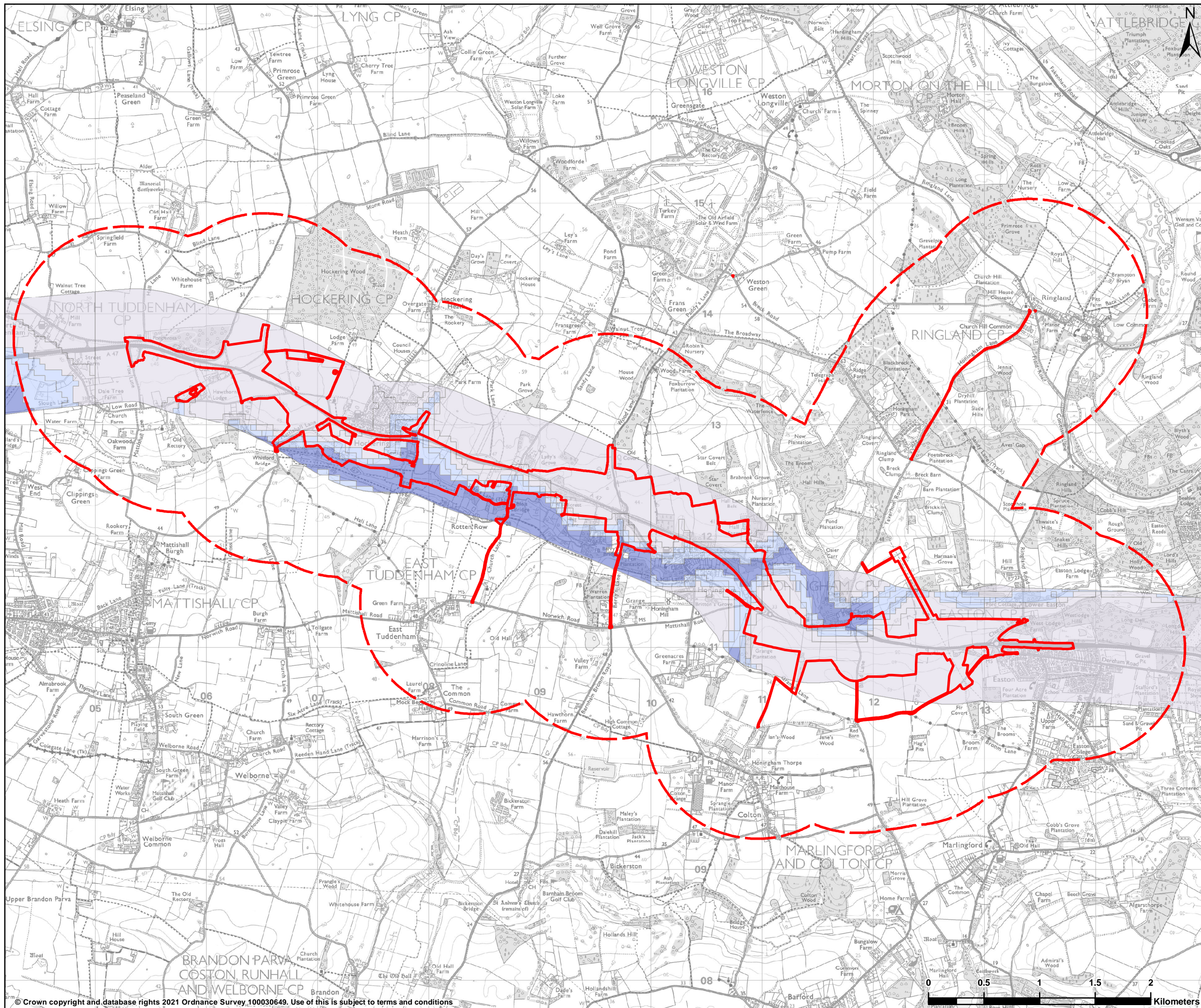
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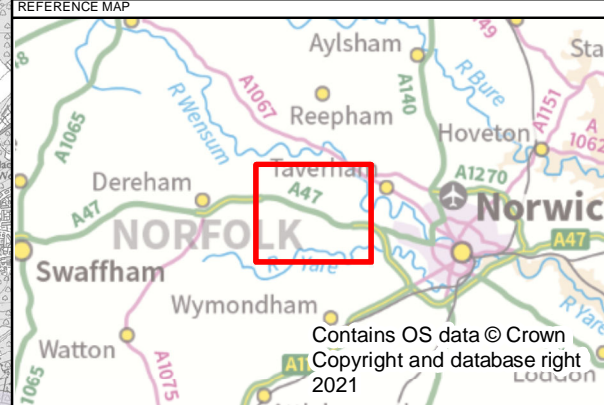
**LEGEND**

- DCO boundary
- Study area

**BGS Groundwater Flooding Susceptibility**

- Limited potential for groundwater flooding to occur
- Potential for groundwater flooding of property situated below ground level
- Potential for groundwater flooding to occur at surface

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**A47 NORTH TUDDENHAM TO EASTON**

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**FIGURE 13.6 - SUSCEPTIBILITY TO GROUNDWATER FLOODING TR010038/APP/6.2**

SUITABILITY

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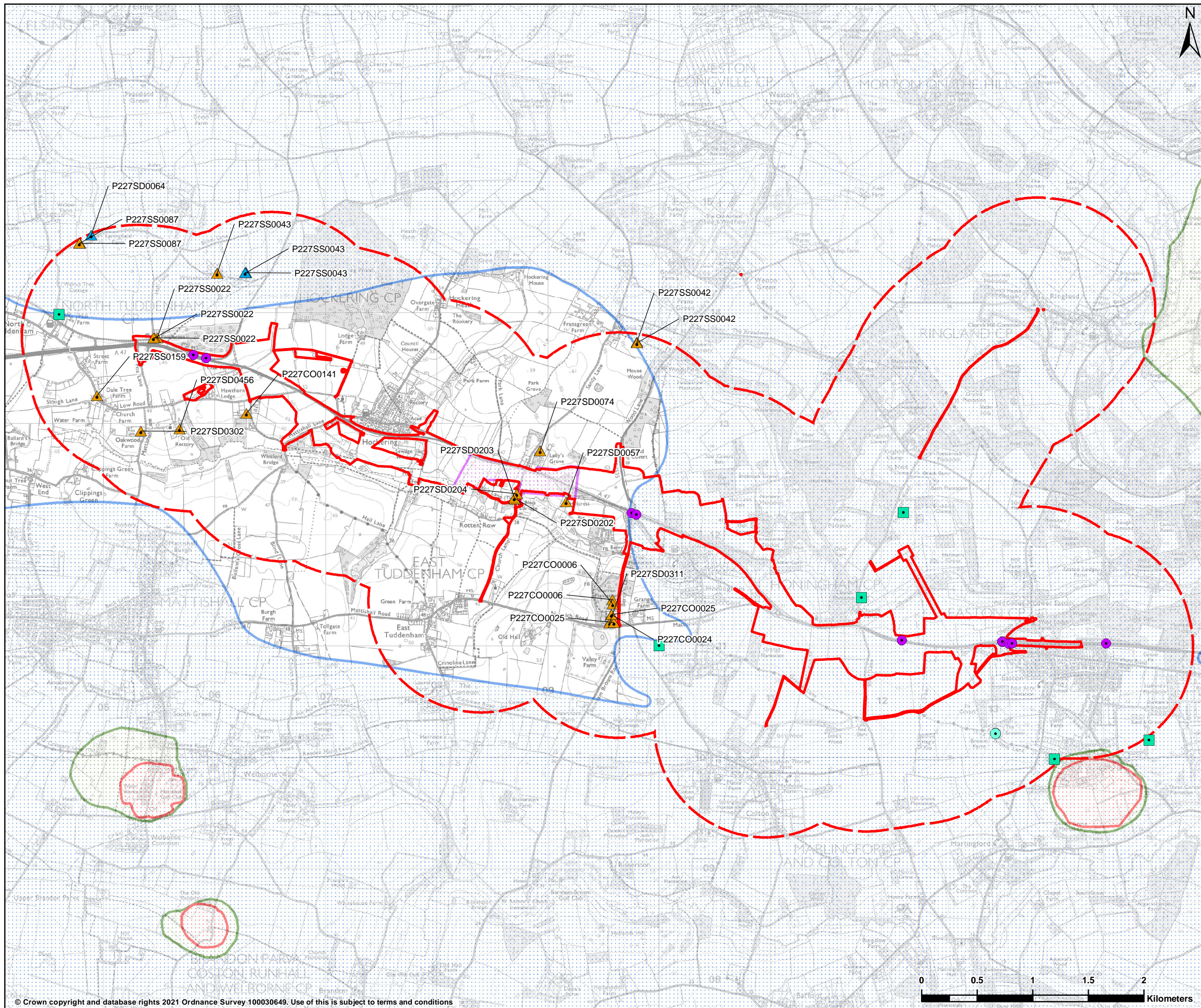
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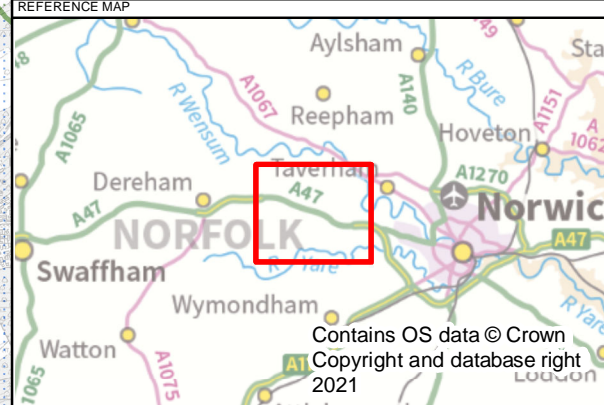
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**LEGEND**

- DCO boundary
- Study area
- Source Protection Zone I - Inner Protection Zone
- Source Protection Zone II - Outer Protection Zone
- Source Protection Zone III - Total Catchment
- Potential Source Protection Zone 1 - Inner Protection Zone
- Highway England Soakaways
- Consented discharge location**
- Groundwater consented discharge
- Licensed Groundwater Abstractions**
- Groundwater supply of source
- Unlicensed abstraction (Breckland)**
- ▲ Borehole
- ▲ Well

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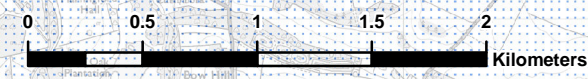
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FIGURE 13.7 - GROUNDWATER ABSTRACTIONS, DISCHARGES AND SOURCE PROTECTION ZONES TR010038/APP/6.2

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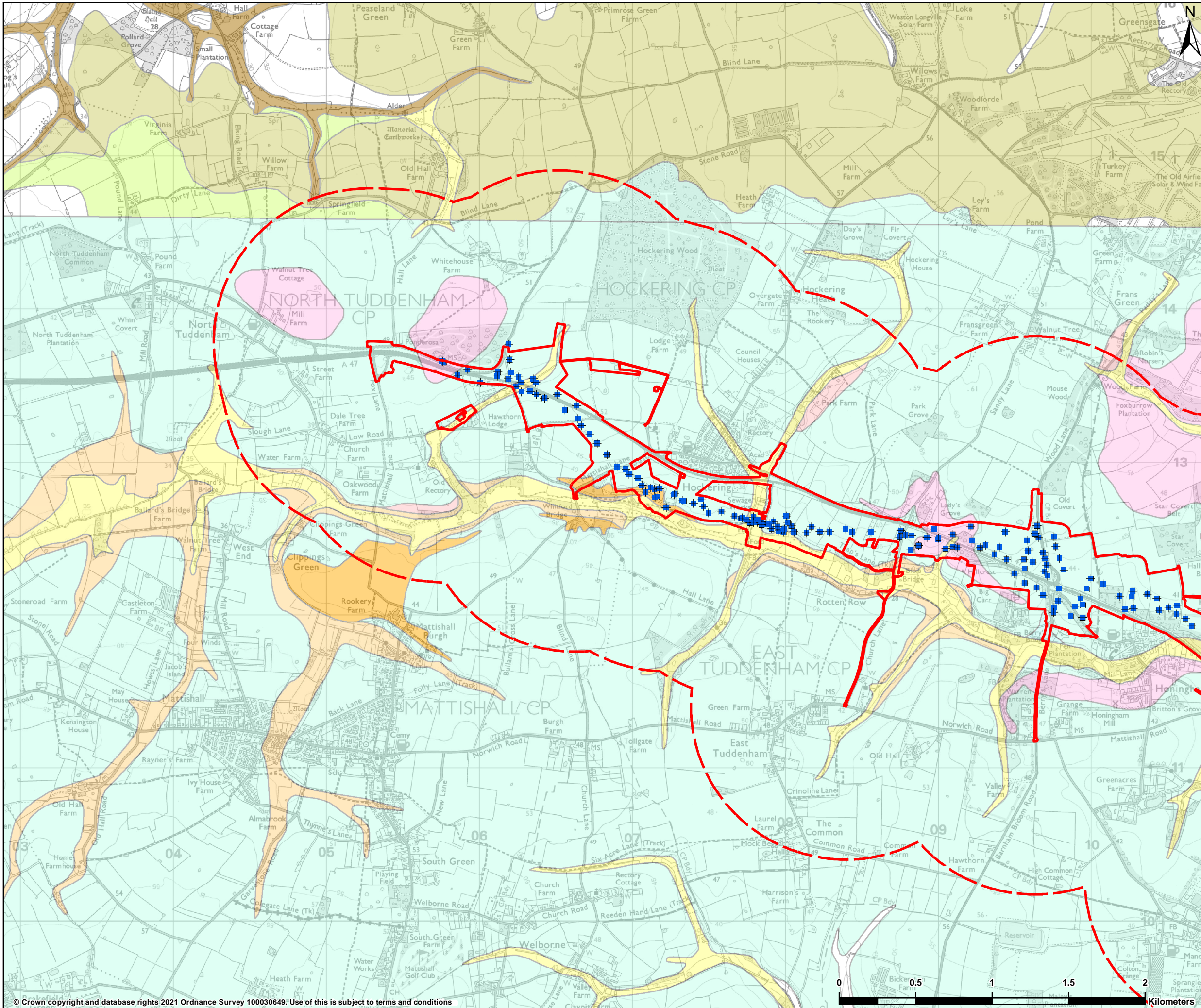
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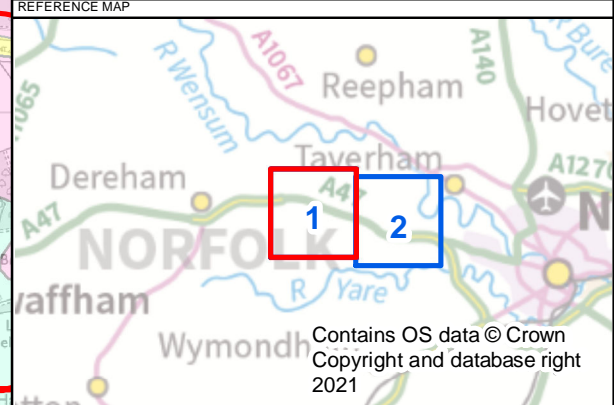
**LEGEND**

- DCO boundary
- Study area
- Ground investigation locations

**BGS Superficial Geology (50k)**

- Head - Clay, silt, sand and gravel
- Alluvial Fan Deposits - Clay and silt
- Alluvium - Clay, silt, sand and gravel
- River Terrace Deposits, 1 - Sand and gravel
- Lowestoft Formation - Diamicton
- Lowestoft Formation - Sand and gravel
- Happisburgh Glacigenic Formation And Lowestoft Formation (Undifferentiated) - Sand and gravel
- Sheringham Cliffs Formation - Sand
- Sheringham Cliffs Formation - Sand and gravel
- Weybourne Town Till Member - Diamicton

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FIGURE 13.8 - GROUND INVESTIGATION BOREHOLES SHEET 1 OF 2 TR010038/APP/6.2

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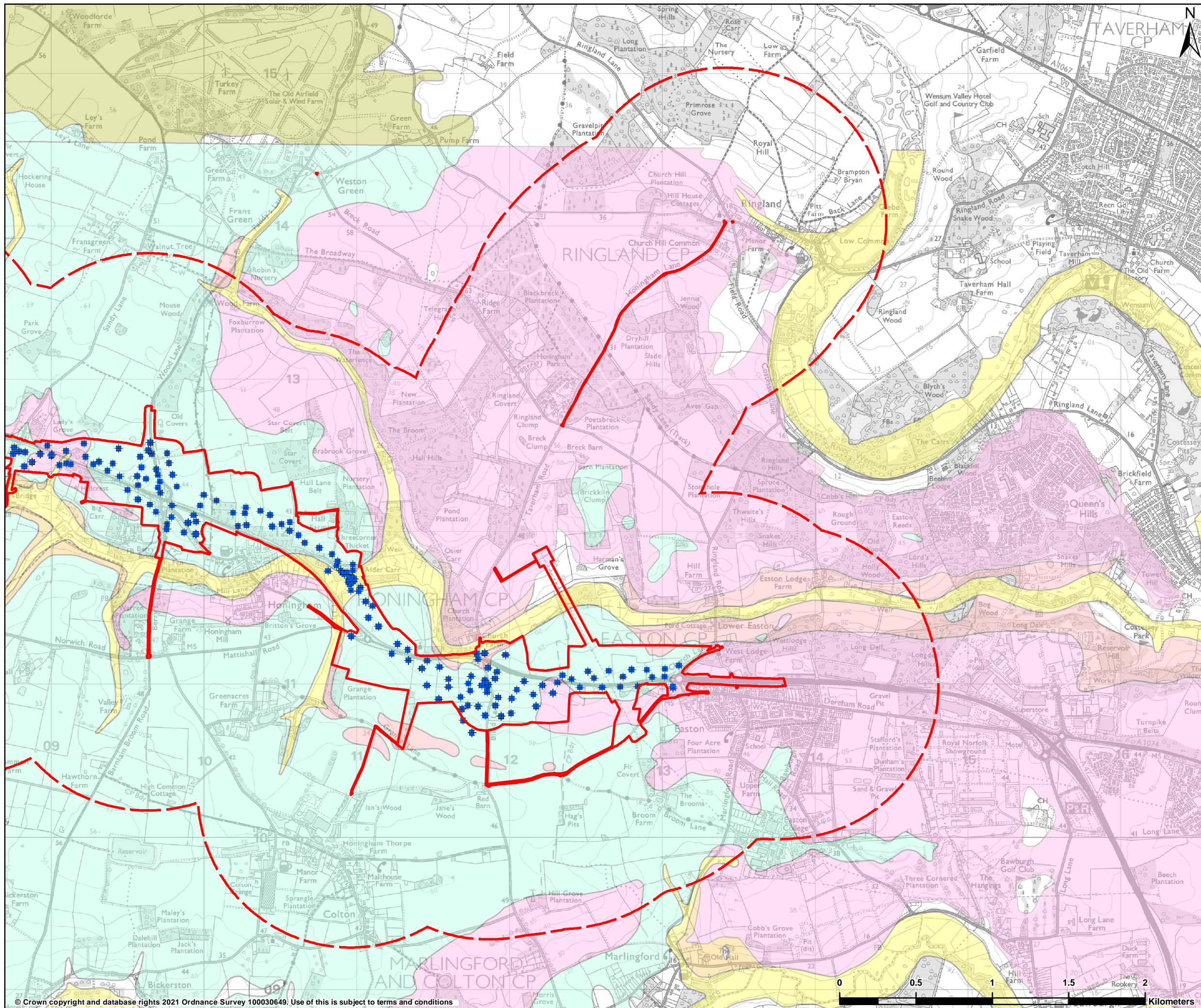
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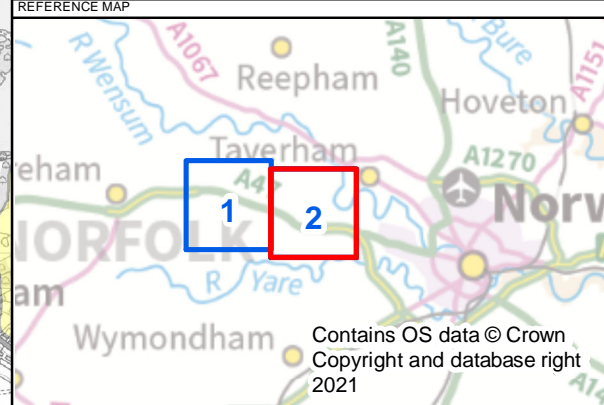
**LEGEND**

- DCO boundary
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- Sheringham Cliffs Formation - Sand
- Sheringham Cliffs Formation - Sand and gravel
- Leet Hill Sand And Gravel Member - Sand and gravel

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**FIGURE 13.8 - GROUND INVESTIGATION BOREHOLES SHEET 2 OF 2 TR010038/APP/6.2**

SUITABILITY

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