

# The Great Grid Upgrade

Grimsby to Walpole

## Supplementary Preliminary Environmental Information Report: Section 5 New Weston Marsh Substations A and B

Volume 2 Part B Section Specific Assessment

Chapter 7 Geology and Hydrogeology

Figures

November 2025

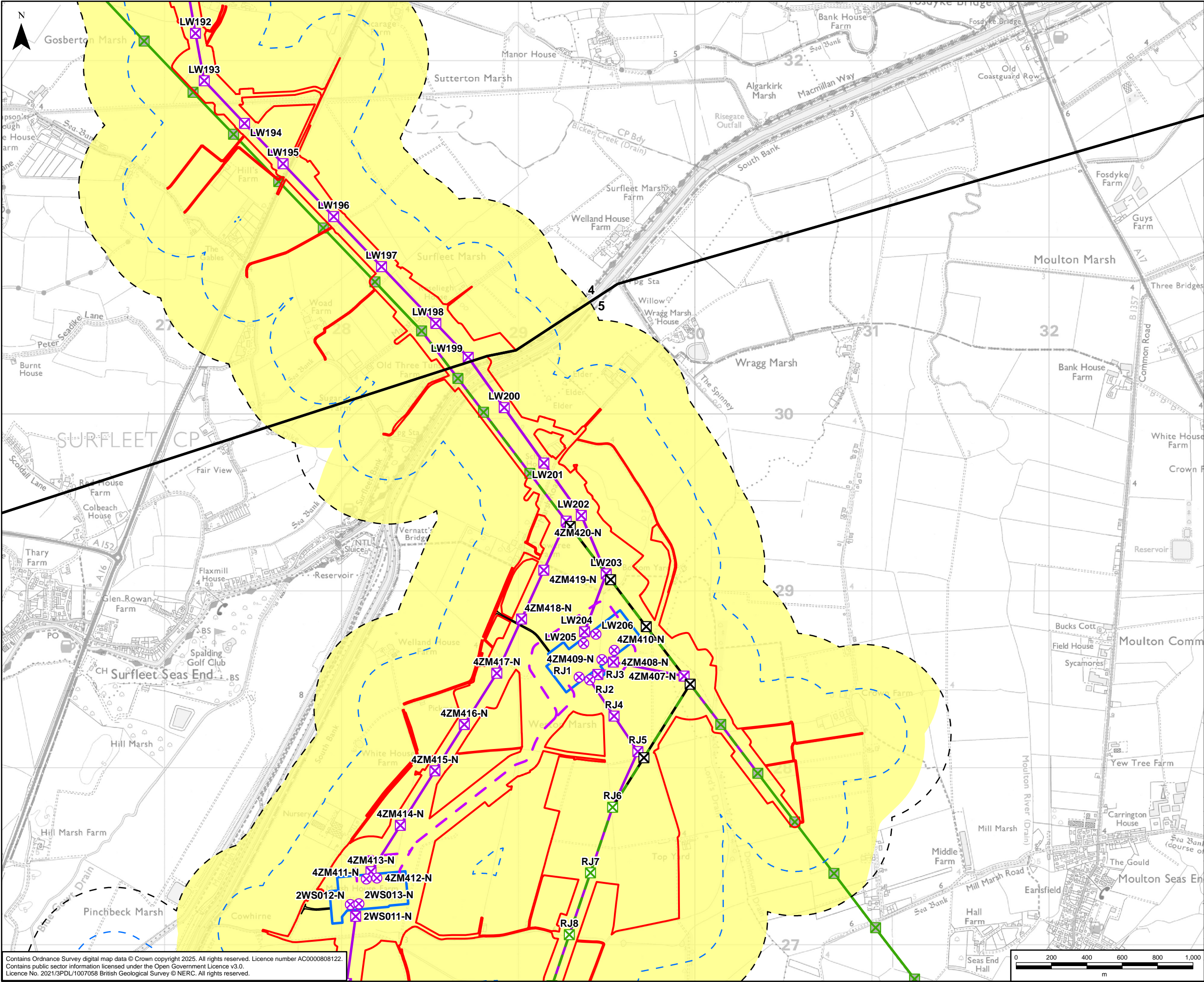




# Volume 2 Part B Section 5 Chapter 7 – Figure List

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Figure 7.5	Landfills, Waste and Potentially Contaminative Previous Land Uses





### GRIMSBY TO WALPOLE LEGEND

**Legend**

- Draft Order Limits
- Route Section Break
- 250m Study Area
- 500m Study Area
- Indicative New Lattice Pylon
- Indicative New Gantry
- Existing Lattice Pylon - Not Affected
- Existing Lattice Pylon - To be Modified
- Existing Lattice Pylon - To Be Dismantled
- Indicative New Overhead Line
- Indicative New Underground Cable
- Existing Overhead Line - Not Affected
- Existing Overhead Line - To Be Modified
- Existing Overhead Line - To Be Dismantled
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Superficial Geology (BGS 50k)
  - Tidal Flat Deposits - Clay and Silt

A	27/10/2025	First Issue	LC	SG	DR
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Purpose: SUPPLEMENTARY PEI REPORT - SECTION 5

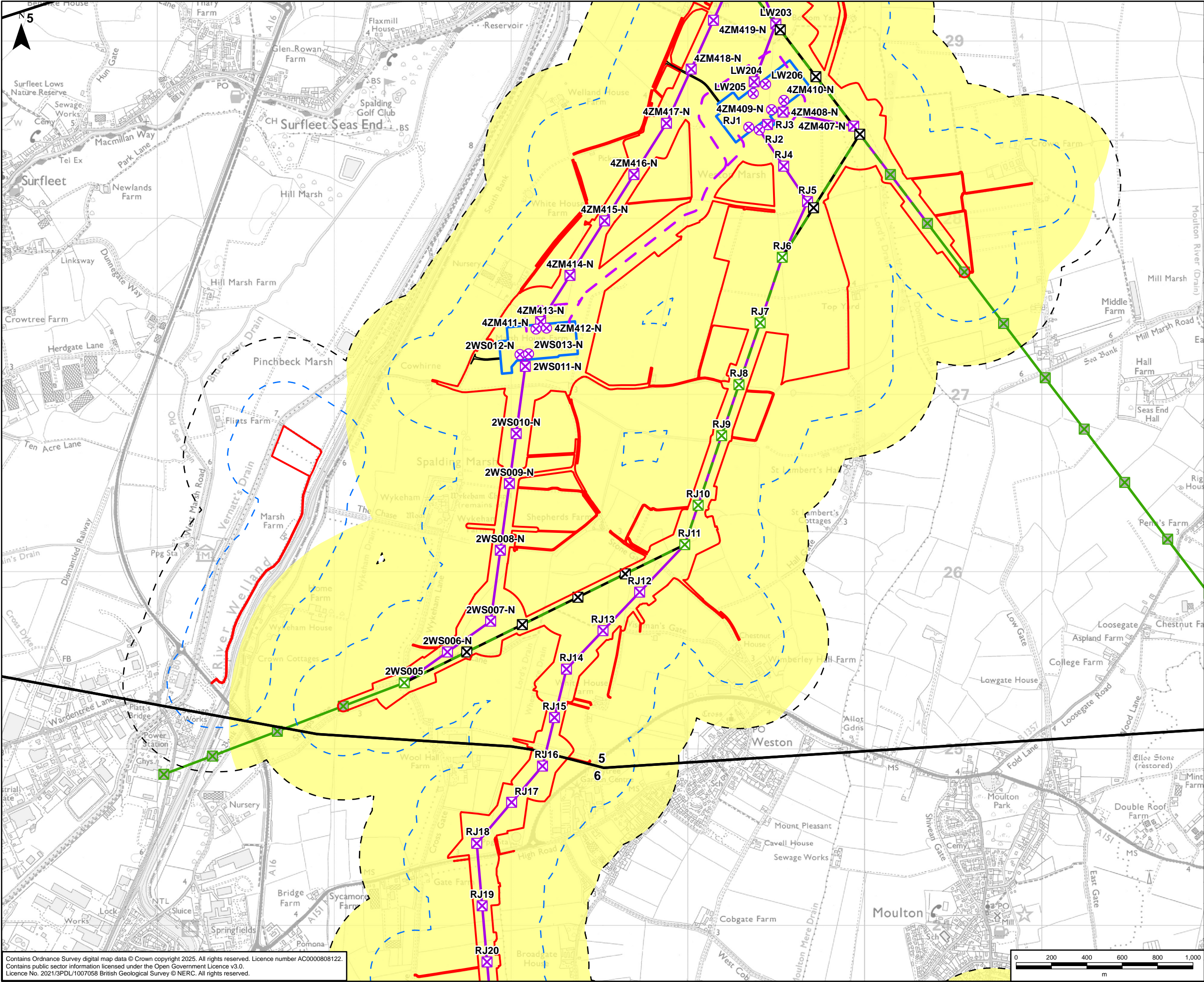
Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.1  
SUPERFICIAL GEOLOGY

Creator: LC	Date: 27/10/2025	Checker: SG	Date: 27/10/2025	Approver: DR	Date: 27/10/2025
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**Superficial Geology (BGS 50k)**

- Tidal Flat Deposits - Clay and Silt

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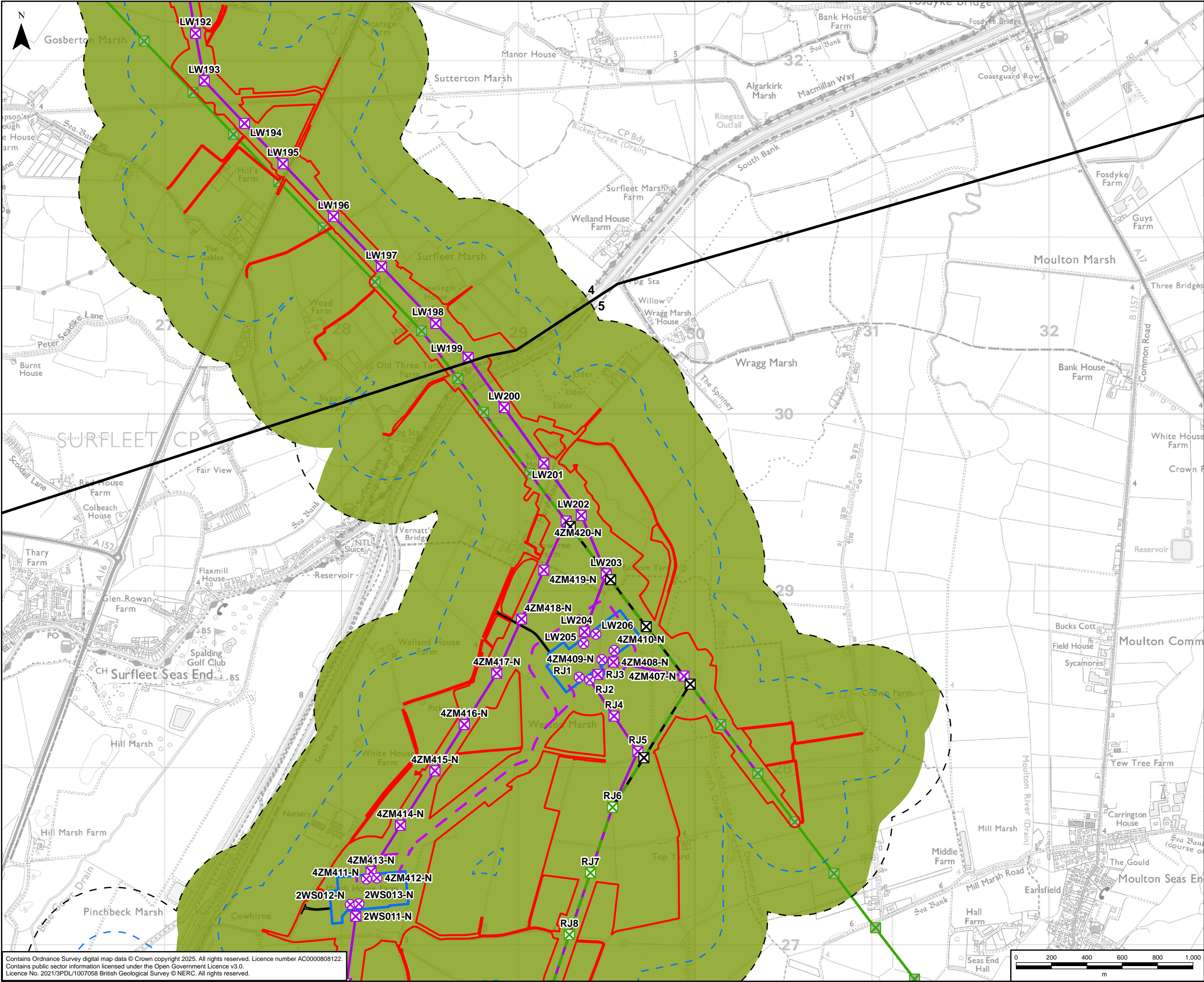
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**Bedrock Geology (BGS 50k)**

- Oxford Clay Formation - Mudstone

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Scheme: GRIMSBY TO WALPOLE

Document Title: FIGURE 7.2  
BEDROCK GEOLOGY

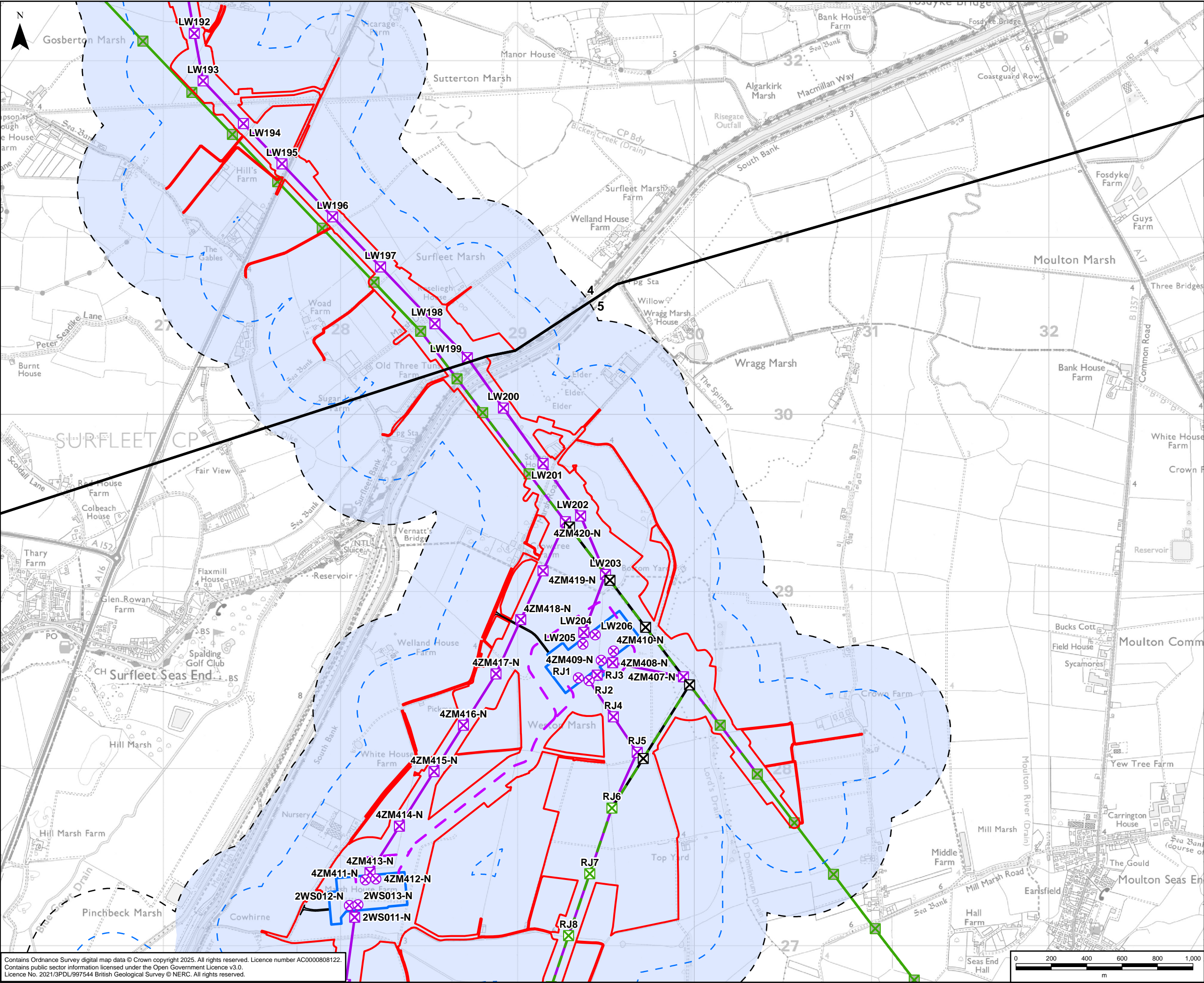
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Aquifer Designation: Superficial Deposits  
Unproductive Strata

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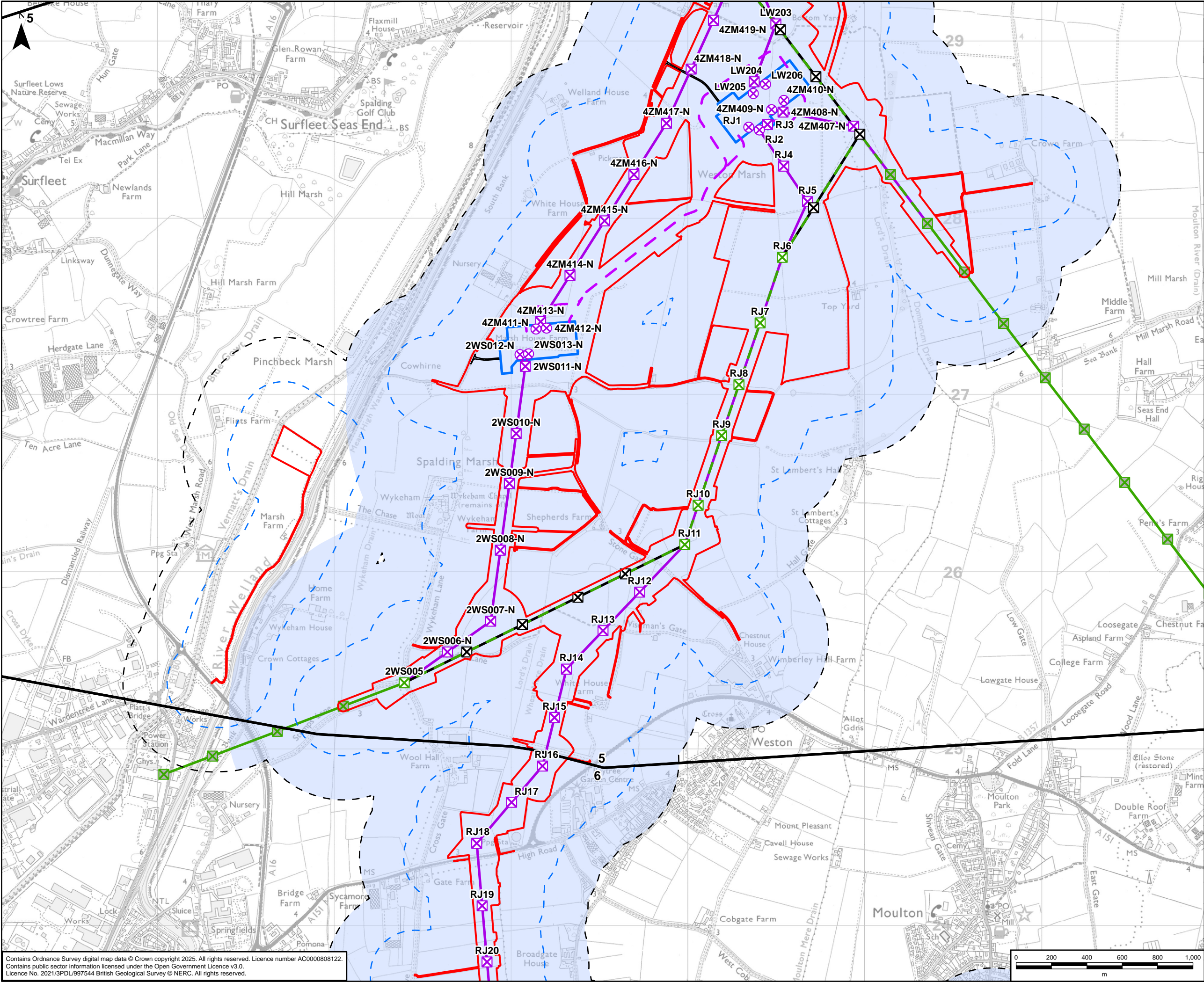
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Document Title: FIGURE 7.3  
AQUIFER DESIGNATIONS: SUPERFICIAL DEPOSITS

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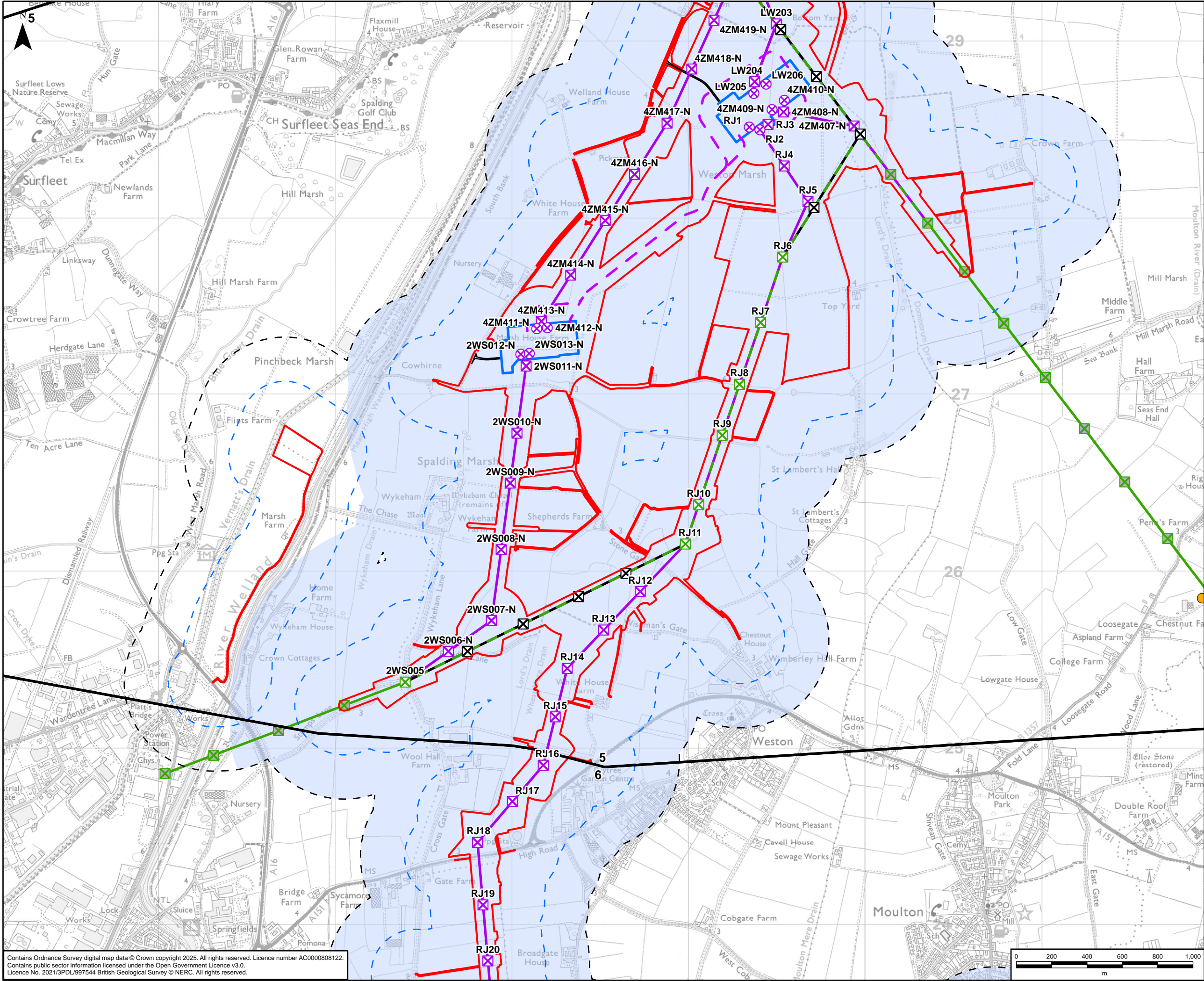












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- Existing Overhead Line - To Be Dismantled
- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Private Water Supply Location
- Aquifer Designation: Bedrock Geology
- Unproductive Strata

NOTE:  
PWS - The abstracted unit is not known, and therefore may include abstractions from either superficial or bedrock geology.

The Environment Agency provides records of groundwater abstractions, which are not available under Open Government License (available under the Environment Agency Conditional License) and have therefore not been reproduced on this figure

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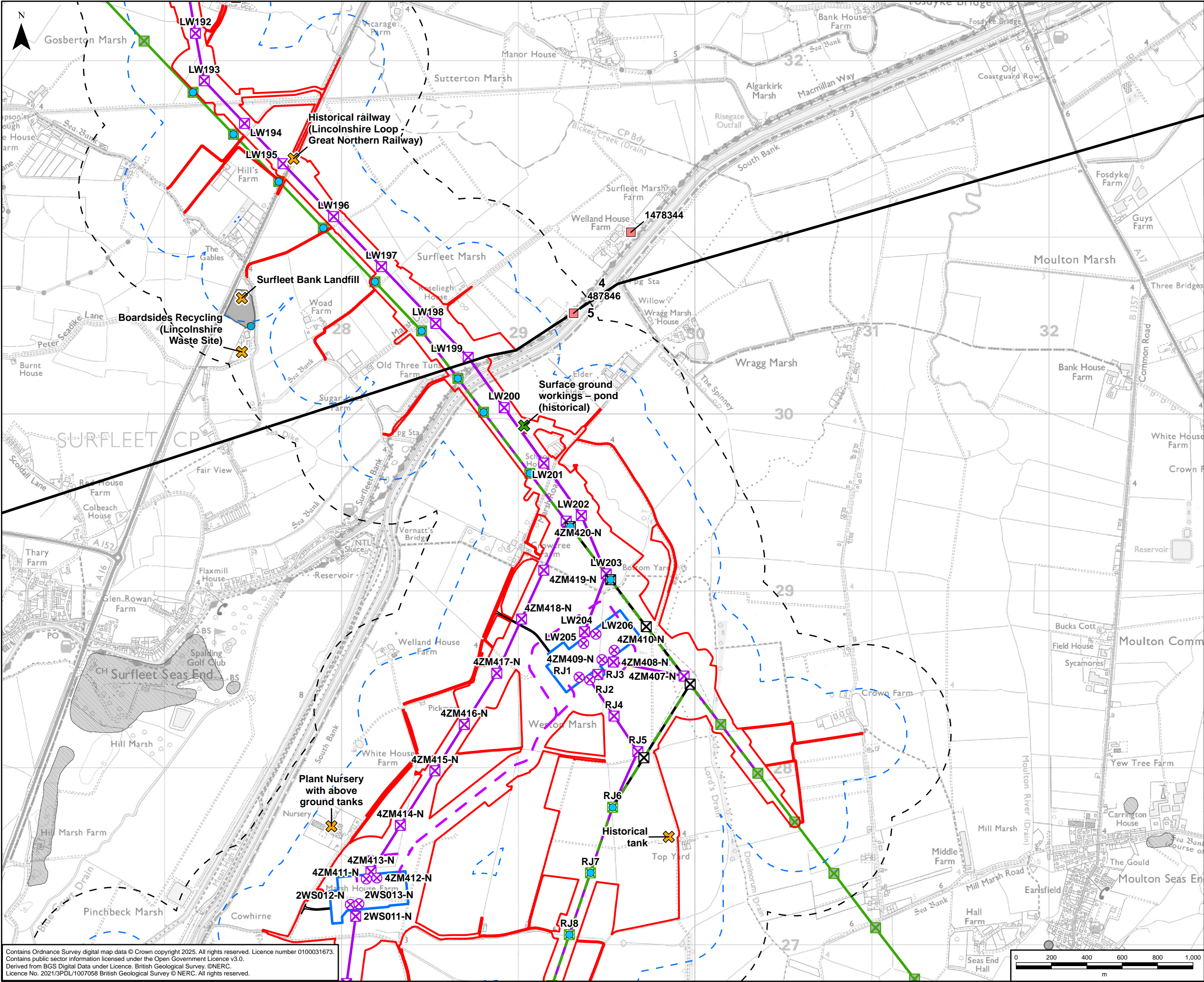
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Document Title: FIGURE 7.4  
AQUIFER DESIGNATIONS: BEDROCK GEOLOGY

Creator: LC	Date: 27/10/2025	Checker: SG	Date: 27/10/2025	Approver: DR	Date: 27/10/2025
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- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Pollution Incident Location (EA)
- Recent Industrial Land Uses
- Lincolnshire Waste Site (LCC)
- Historical Railway
- Surface Ground Workings
- Historic Landfill Site (EA)
- Artificial Geology (BGS 50k)
- Features of Contamination Potential
  - Low
  - Moderate

The potential contamination features shown on this drawing are represented by an indicative point location and not a polygon showing their extent. The extent of these features is discussed within the PEI Report where available/known.

LCC data sourced from the Lincolnshire Minerals and Waste Local Plan.  
EA abstraction information has not been digitised as this is protected information.

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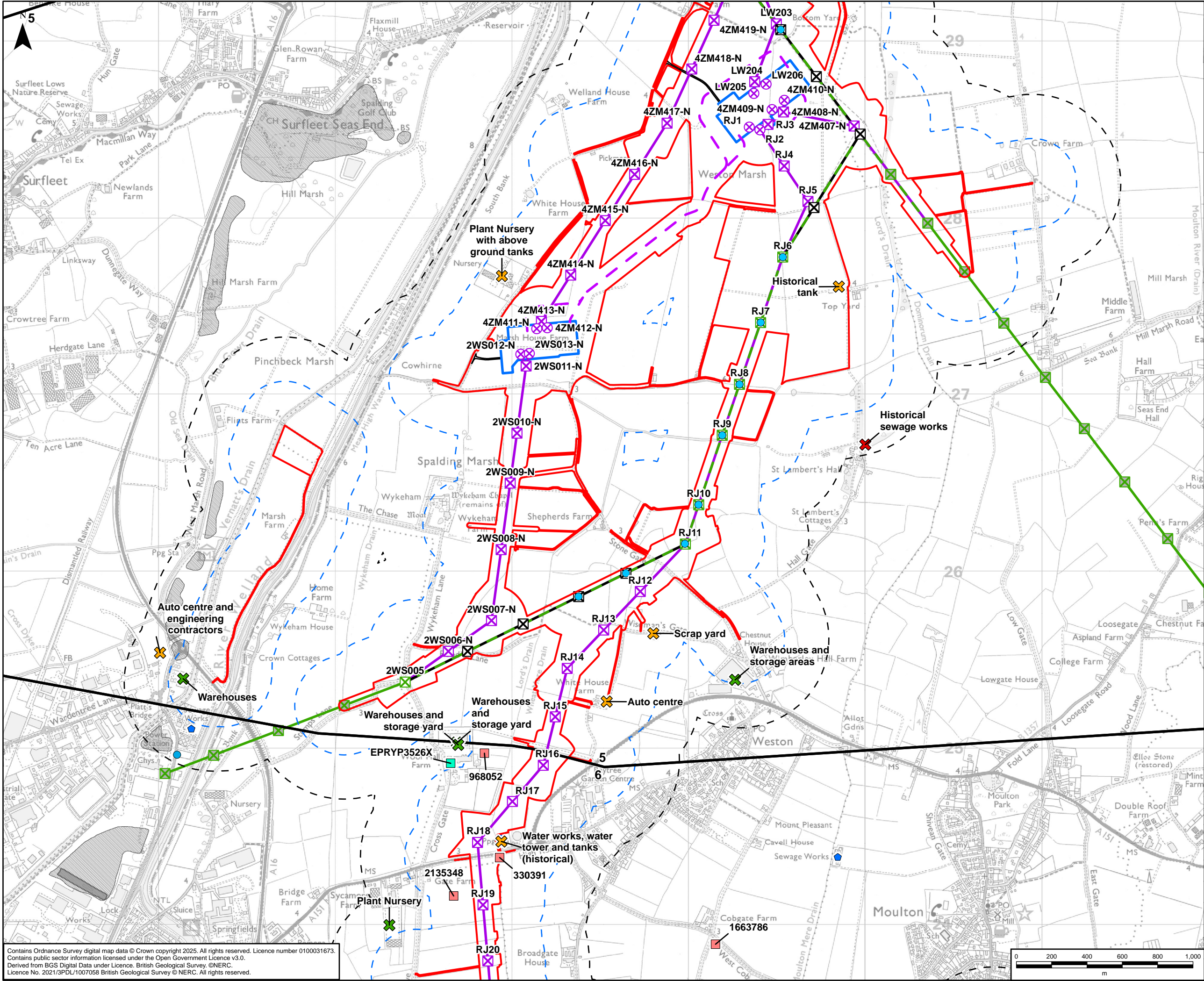
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Document Title: FIGURE 7.5  
LANDFILLS, WASTE AND POTENTIALLY CONTAMINATIVE PREVIOUS LAND USES

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- Indicative New Substation Boundary
- Indicative Permanent Substation Access Route
- Pollution Incident Location (EA)
- Discharge Consent Location (EA)
- Recent Industrial Land Uses
- Sewage Treatment Works (LCC)
- Lincolnshire Waste Site (LCC)
- Historical Tank
- Historic Landfill Site (EA)
- Artificial Geology (BGS 50k)
- Features of Contamination Potential
  - Low
  - Moderate
  - High

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