



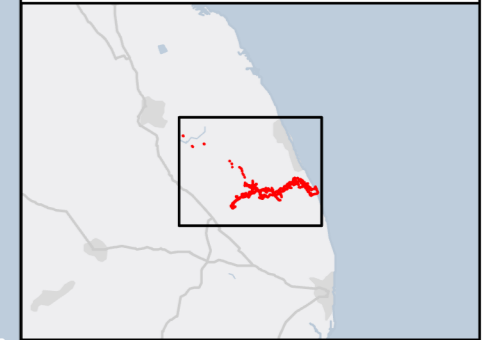
Figure 10-1  
Chapter 10: Geology and Hydrogeology  
Map of Superficial Geology

**Legend**

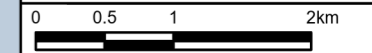
- English Onshore Scheme draft Order Limits
- 250m Buffer
- Sections
- Beach and Tidal Flat Deposits (Undifferentiated)
- Blown Sand
- Tidal Flat Deposits
- Till, Devensian
- Alluvium
- Glaciofluvial Deposits, Devensian
- Peat

**Notes**

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1	20/04/2026	First Issue	MB	JS	TA

**Title**

Figure 10-1  
Chapter 10: Geology and Hydrogeology  
Map of Superficial Geology  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

**nationalgrid**

**Figure Number**  
FIGURE 10-1

**Drawing Reference**  
EGL5-ARC-FG-GAH-0001

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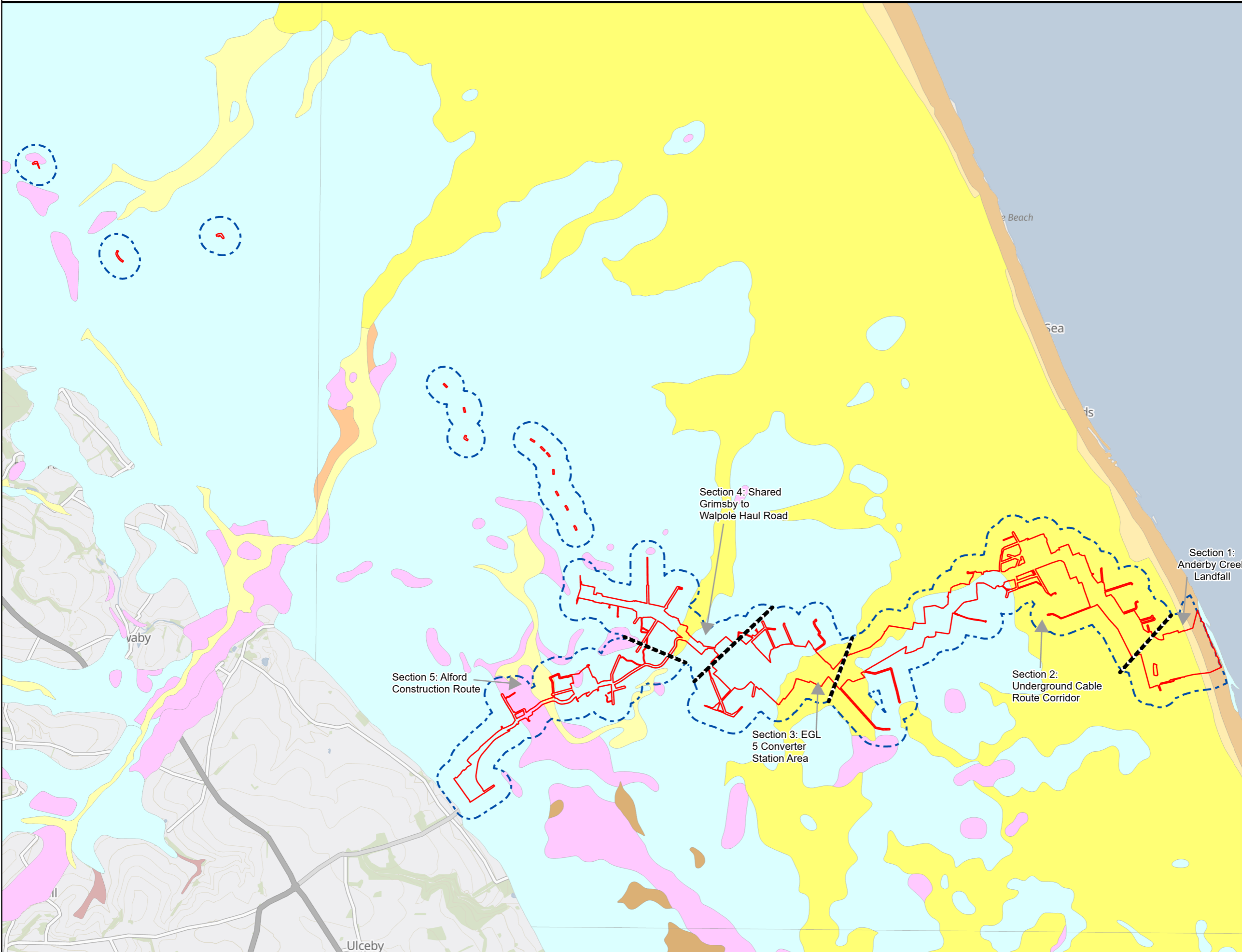




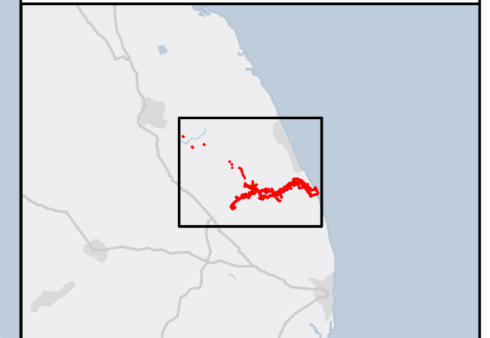
Figure 10-2  
Chapter 10: Geology and Hydrogeology  
Bedrock Geology

**Legend**

- English Onshore Scheme draft Order Limits
- 250m Buffer
- Sections
- Burnham Chalk Formation
- Welton Chalk Formation
- Ferriby Chalk Formation
- Carstone Formation
- Hunstanton Formation
- Roach Formation

**Notes**

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1	21/04/2026	First Issue	MB	JS	TA

**Title**

Figure 10-2  
Chapter 10: Geology and Hydrogeology  
Map of Bedrock Geology  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

**nationalgrid**

**Figure Number** FIGURE 10-2

**Drawing Reference**  
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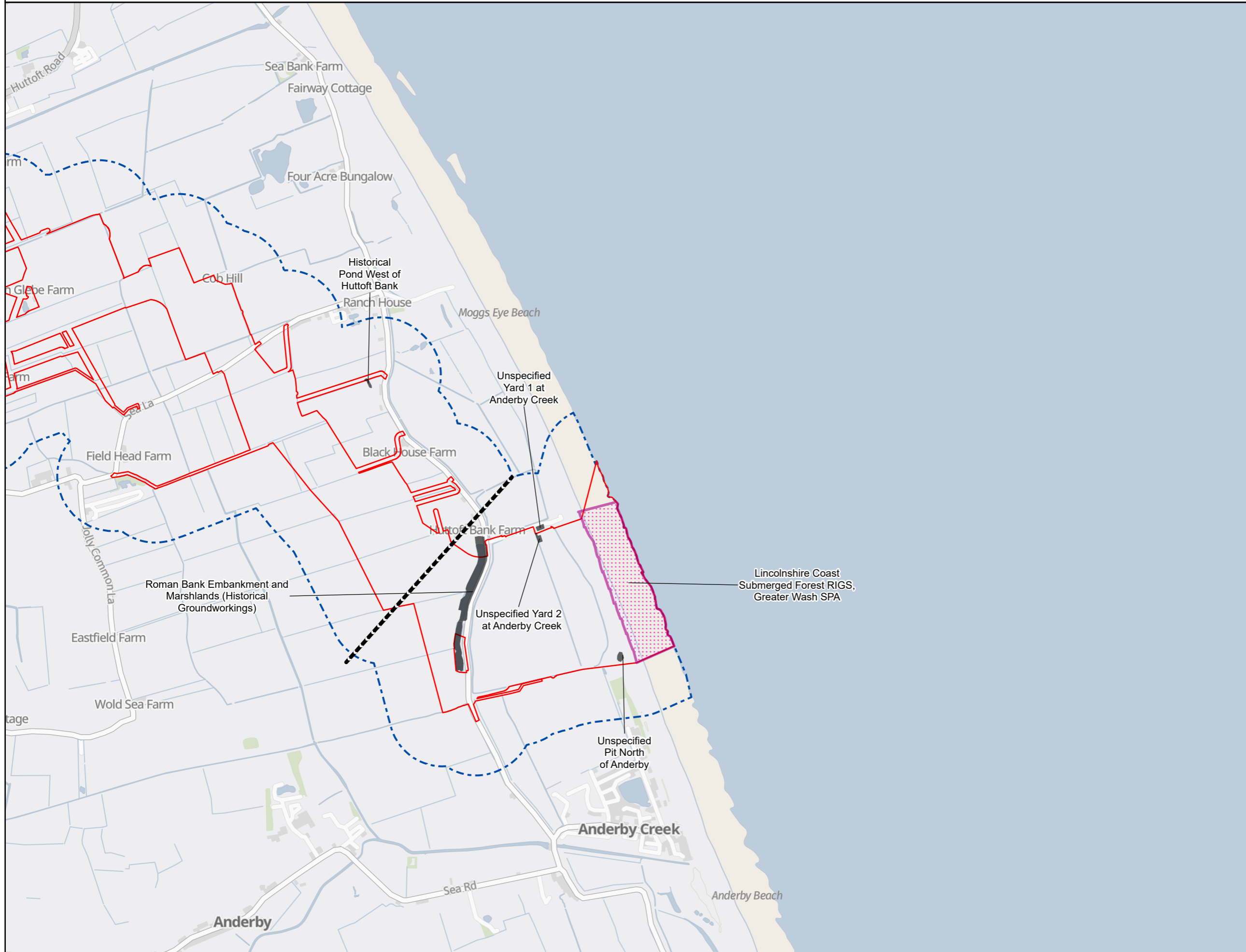
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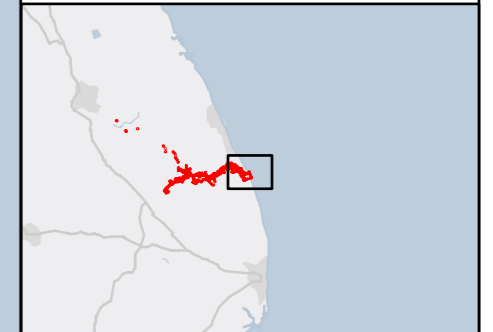
Figure 10-3  
 Chapter 10: Geology and Hydrogeology  
 Map of Potentially Contaminative Sources and Geological Features

- Legend**
- English Onshore Scheme draft Order Limits
  - 250m Buffer
  - Sections
  - Potentially Contaminative Area
  - Geological Features



**Notes**

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**Title**

Figure 10-3  
 Chapter 10: Geology and Hydrogeology  
 Map of Potentially Contaminative Sources and Geological Features  
 EGL 5 EIA  
 Preliminary Environmental Information Report  
 Volume 3, Part 2, Chapter 10 Figures



**Figure Number**  
 FIGURE 10-3

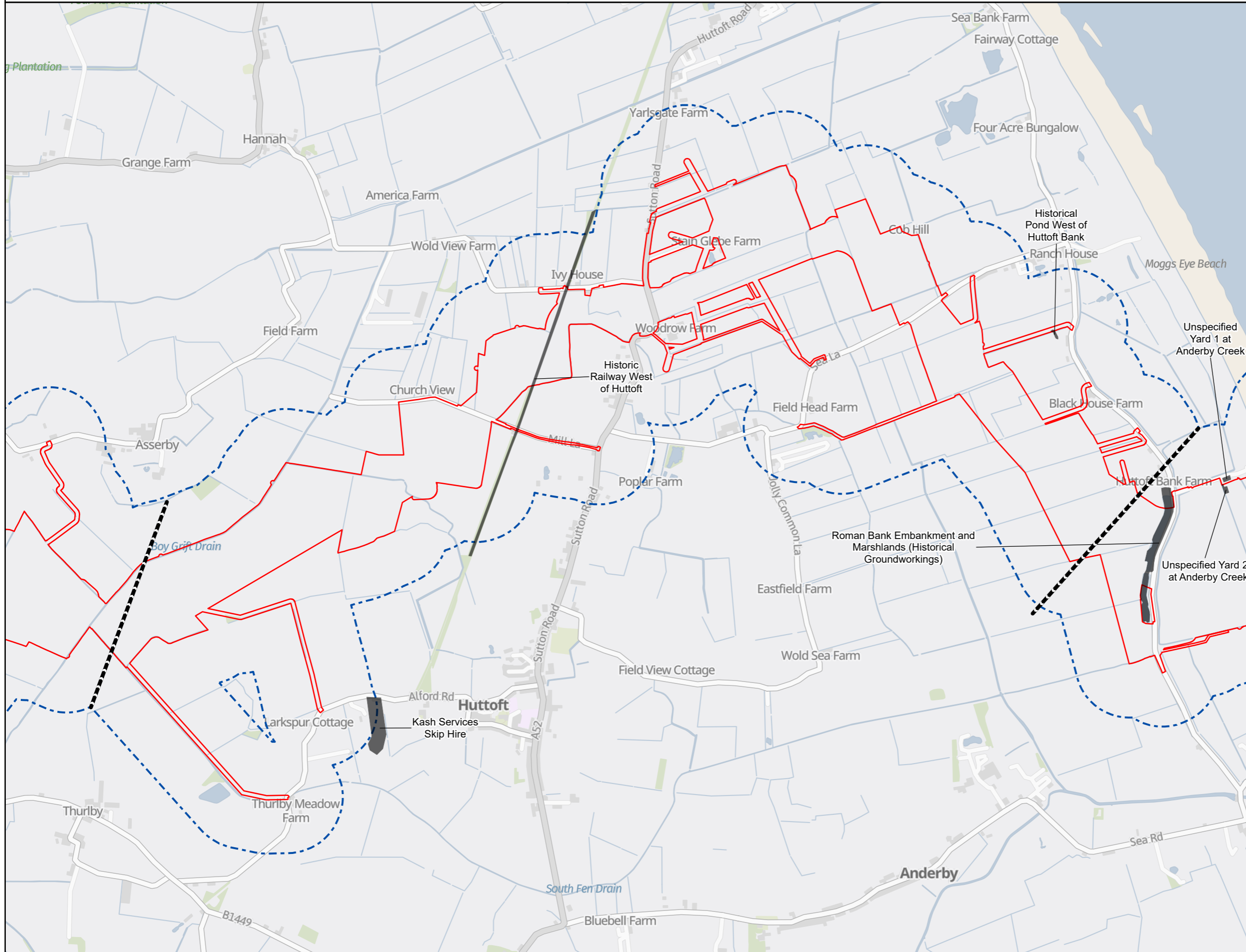
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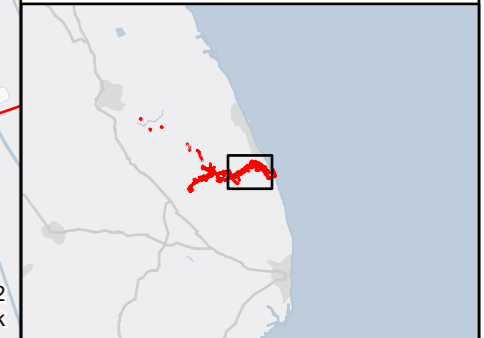
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 Chapter 10: Geology and Hydrogeology  
 Map of Potentially Contaminative Sources and Geological Features

- Legend**
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  - 250m Buffer
  - Sections
  - Potentially Contaminative Area



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 Map of Potentially Contaminative Sources and Geological Features  
 EGL 5 EIA  
 Preliminary Environmental Information Report  
 Volume 3, Part 2, Chapter 10 Figures



**Figure Number**

FIGURE 10-3

**Drawing Reference**

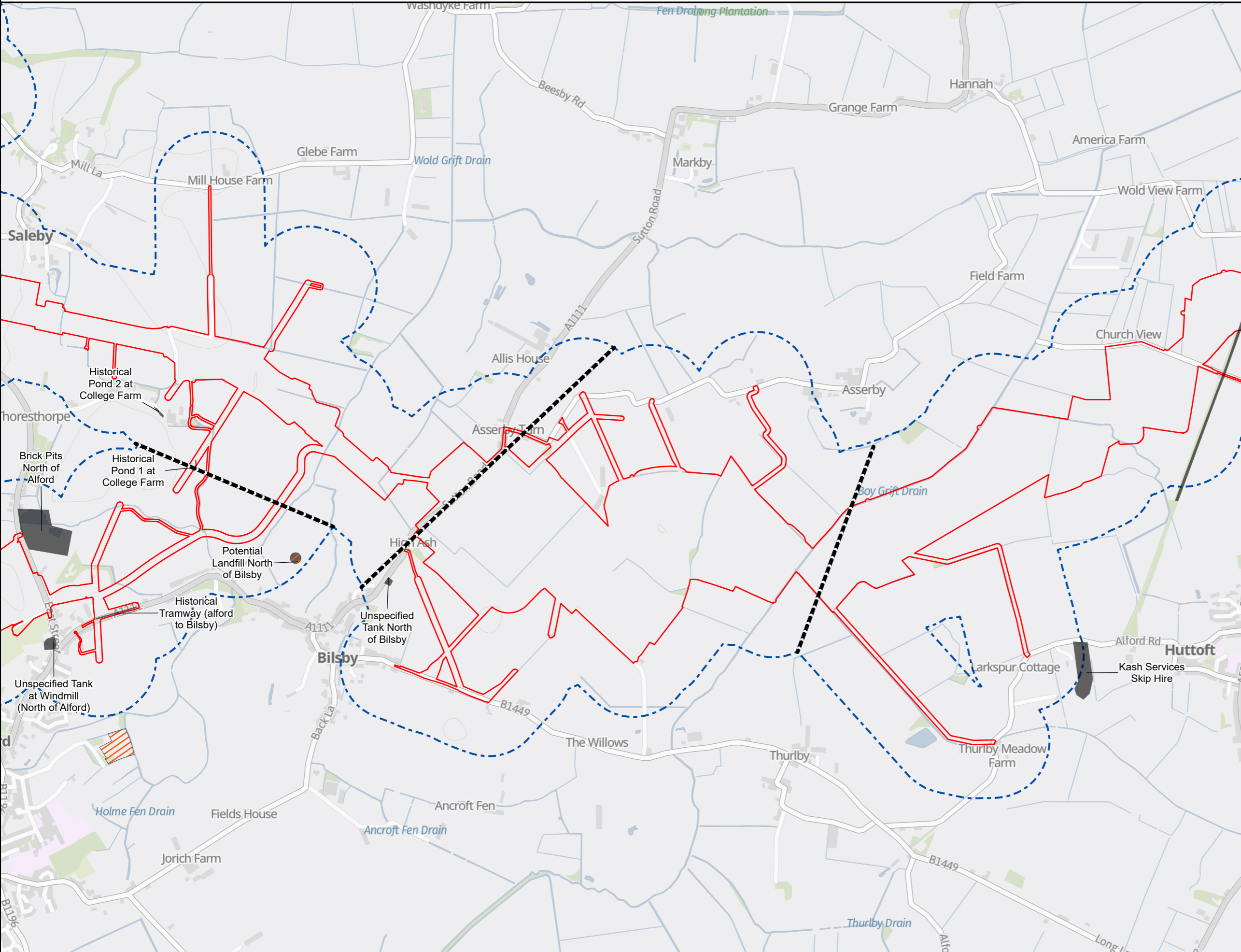
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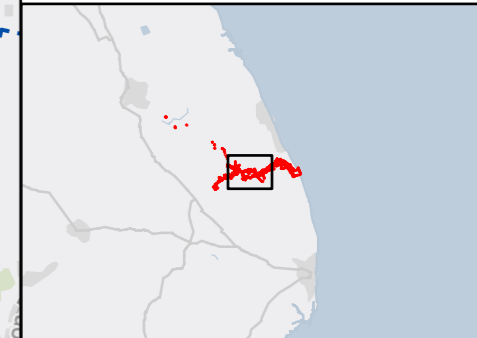


Figure 10-3  
Chapter 10: Geology and Hydrogeology  
Map of Potentially Contaminative Sources and Geological Features

- Legend**
- English Onshore Scheme draft Order Limits
  - 250m Buffer
  - Sections
  - Historic Landfill (Environment Agency)
  - Potentially Contaminative Area



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Volume 3, Part 2, Chapter 10 Figures



**Figure Number**  
FIGURE 10-3

**Drawing Reference**  
EGL5-ARC-FG-GAH-0003

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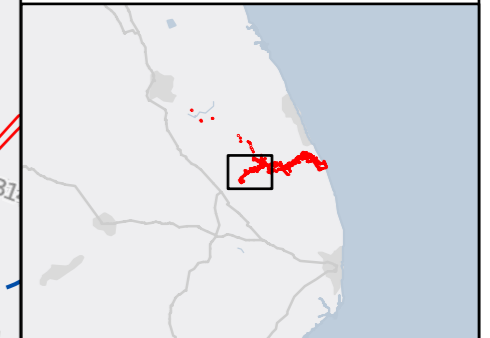


Figure 10-3  
Chapter 10: Geology and Hydrogeology  
Map of Potentially Contaminative Sources and Geological Features

- Legend**
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  - Historic Landfill (Environment Agency)
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Chapter 10: Geology and Hydrogeology  
Map of Potentially Contaminative Sources and Geological Features  
EGL 5 EIA  
Preliminary Environmental Information Report  
Volume 3, Part 2, Chapter 10 Figures



**Figure Number**  
FIGURE 10-3

**Drawing Reference**  
EGL5-ARC-FG-GAH-0003

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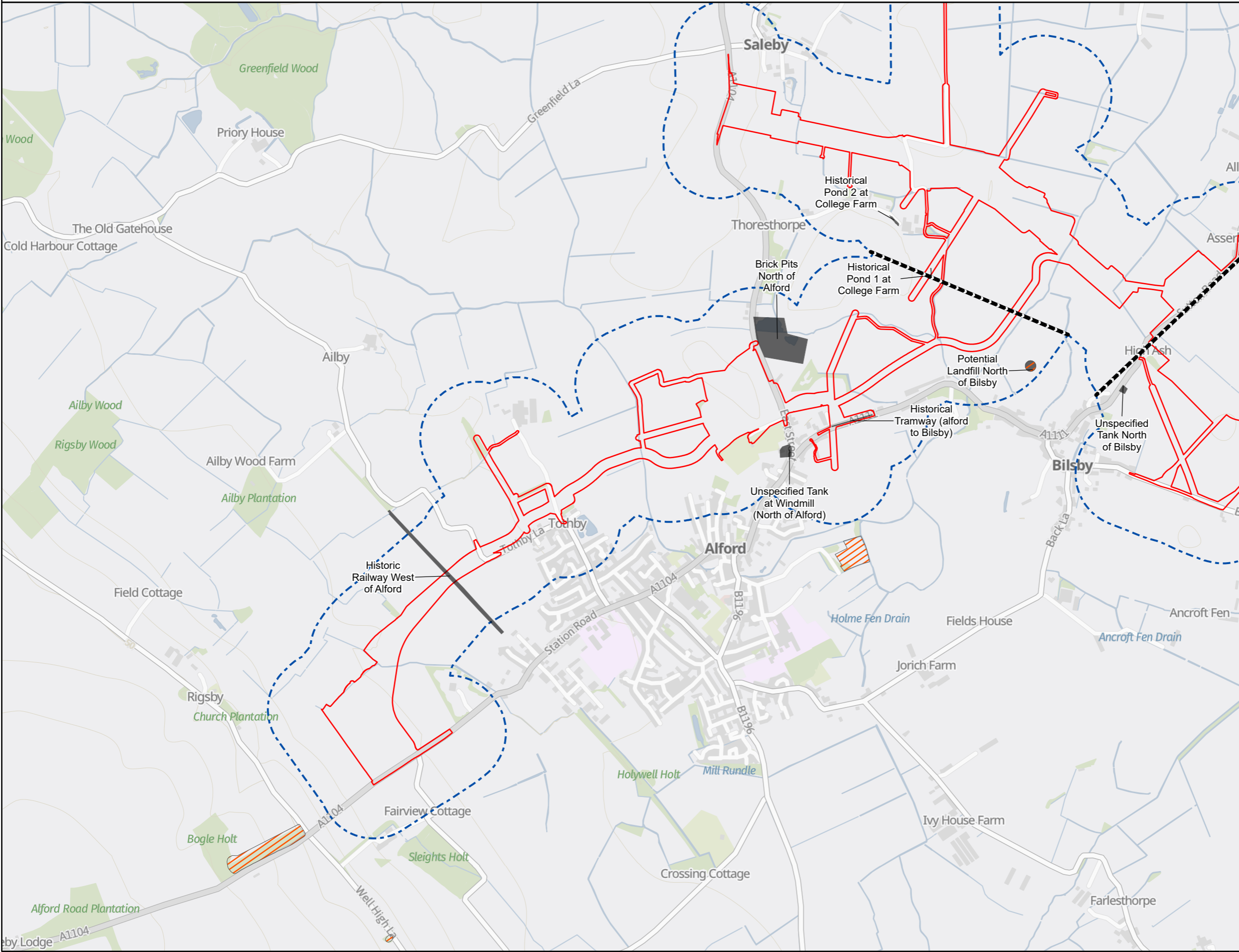




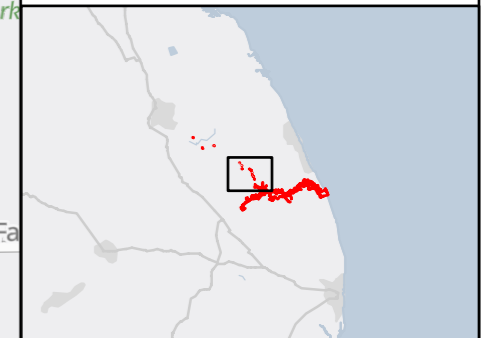
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 Chapter 10: Geology and Hydrogeology  
 Map of Potentially Contaminative Sources and Geological Features

**Legend**

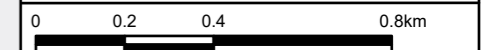
- English Onshore Scheme draft Order Limits
- 250m Buffer
- Potentially Contaminative Area

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 Figure 10-3  
 Chapter 10: Geology and Hydrogeology  
 Map of Potentially Contaminative Sources and Geological Features  
 EGL 5 EIA  
 Preliminary Environmental Information Report  
 Volume 3, Part 2, Chapter 10 Figures



**Figure Number**  
 FIGURE 10-3

**Drawing Reference**  
 EGL5-ARC-FG-GAH-0003

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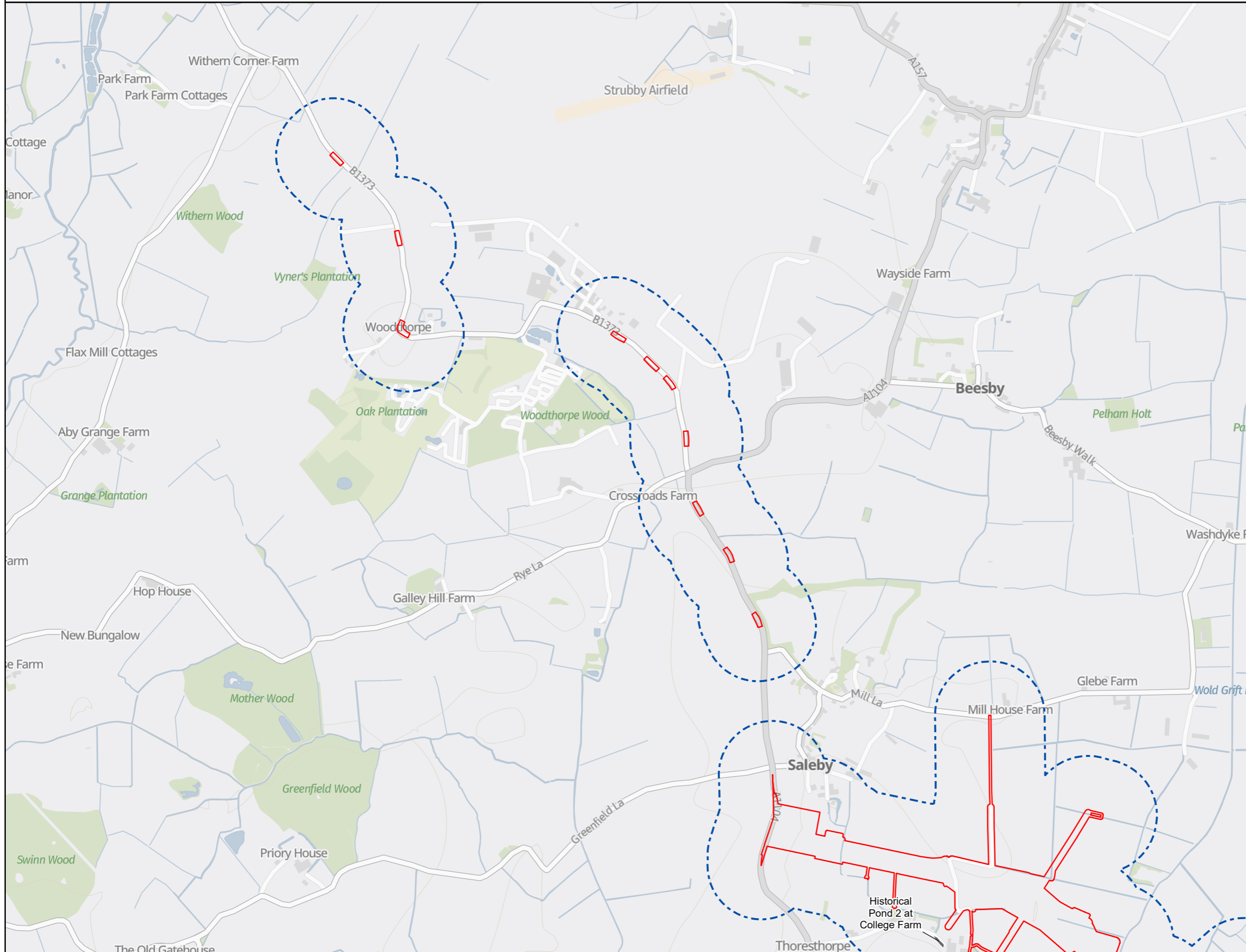
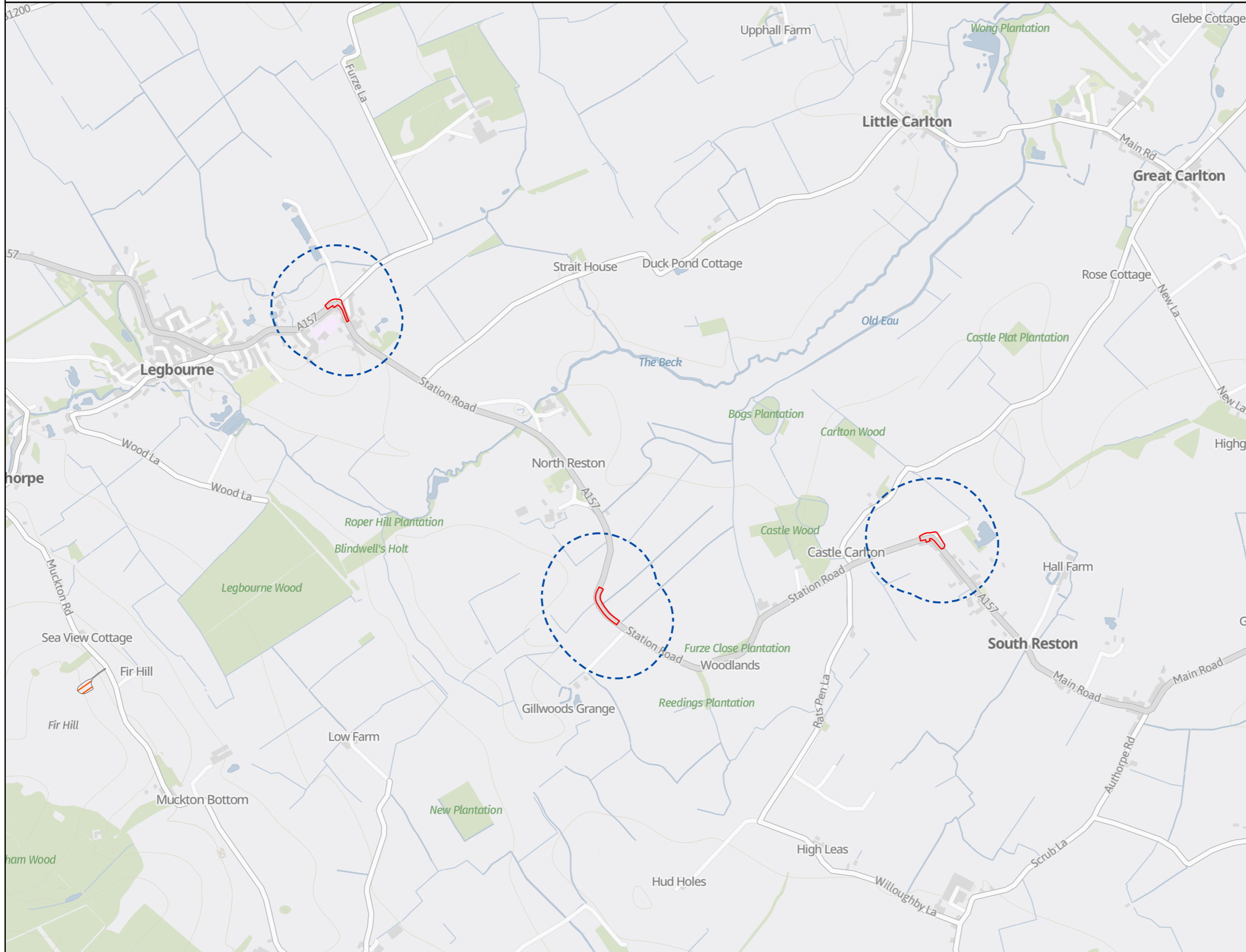




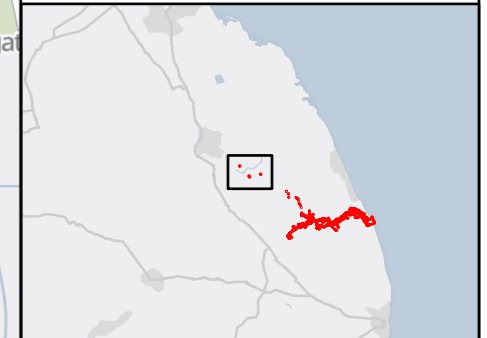
Figure 10-3  
Chapter 10: Geology and Hydrogeology  
Map of Potentially Contaminative Sources and Geological Features

- Legend**
- English Onshore Scheme draft Order Limits
  - 250m Buffer
  - Historic Landfill (Environment Agency)



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**Title**

Figure 10-3  
Chapter 10: Geology and Hydrogeology  
Map of Potentially Contaminative Sources and Geological Features  
EGL 5 EIA  
Preliminary Environmental Information Report  
Volume 3, Part 2, Chapter 10 Figures



**Figure Number**  
FIGURE 10-3

**Drawing Reference**  
EGL5-ARC-FG-GAH-0003

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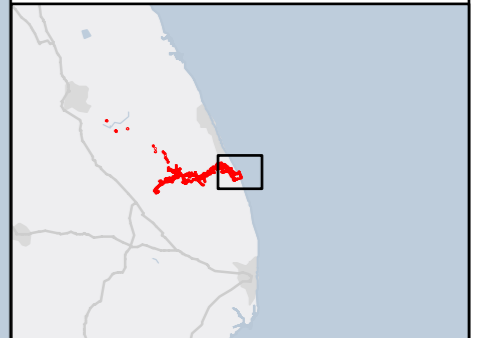
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Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)

**Legend**

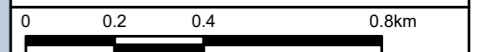
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- Sections
- ◆ Walkover Photo Locations
- Walkover Areas Completed

**Notes**

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Figure 10-4  
Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

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**Figure Number** FIGURE 10-4

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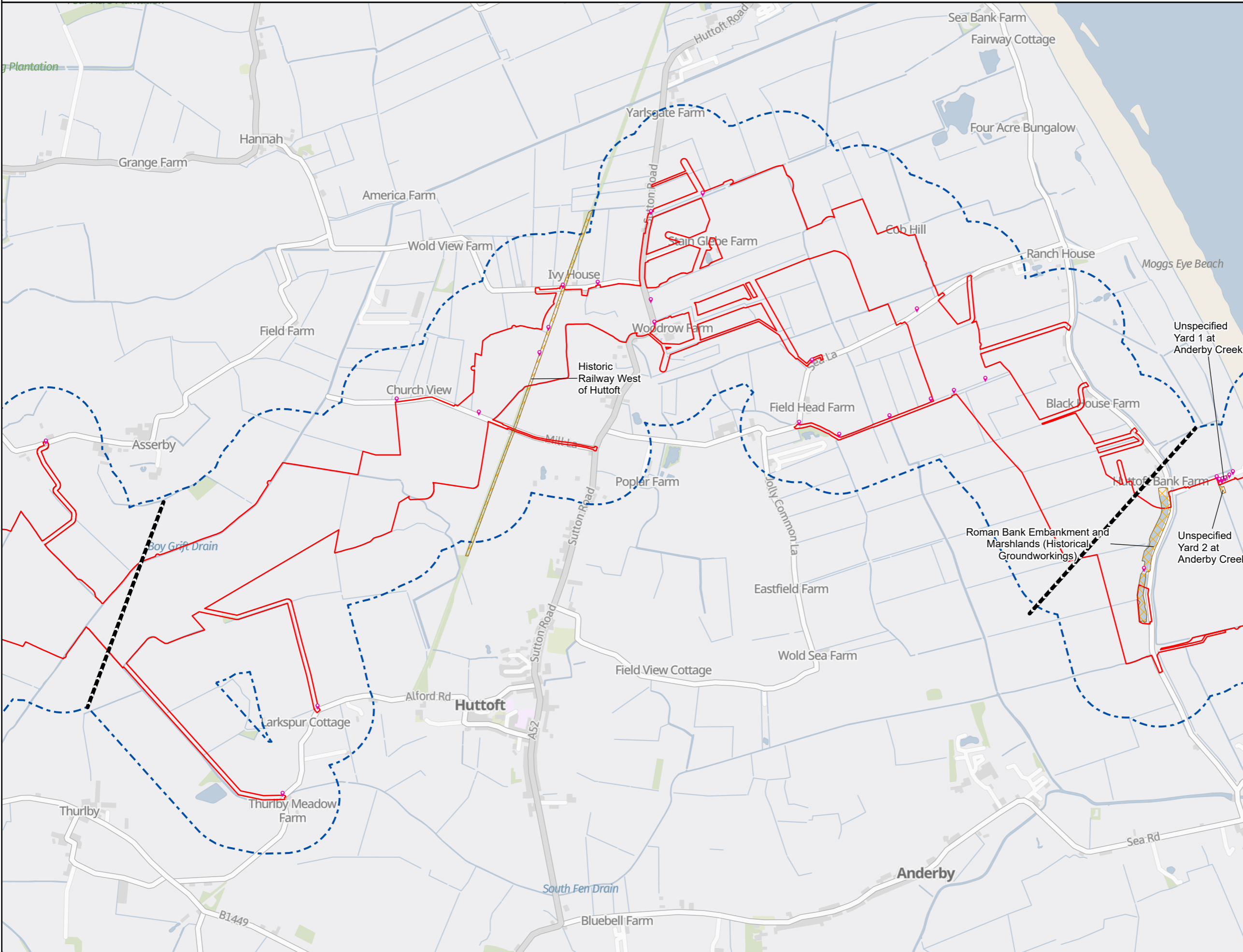
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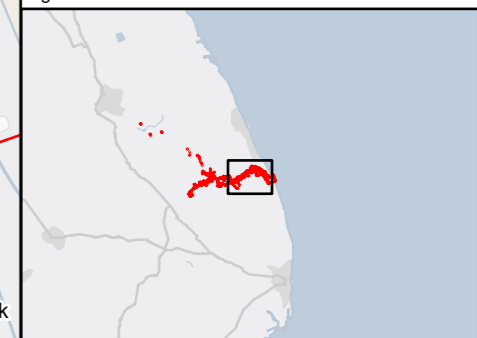


Figure 10-4  
Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)

- Legend**
- English Onshore Scheme draft Order Limits
  - 250m Buffer
  - Sections
  - ◆ Walkover Photo Locations
  - Walkover Areas Completed



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Figure 10-4  
Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

<b>nationalgrid</b>			
Figure Number	FIGURE 10-4		
Drawing Reference	EGL5-ARC-FG-GAH-0004		
Scale	Sheet Size	Sheet	Issue
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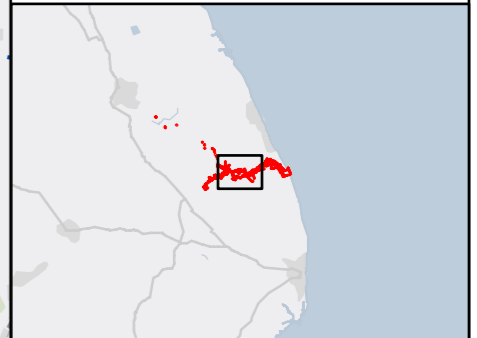
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Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)

**Legend**

- English Onshore Scheme draft Order Limits
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- Sections
- ◆ Walkover Photo Locations
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FIGURE 10-4

**Drawing Reference**  
EGL5-ARC-FG-GAH-0004

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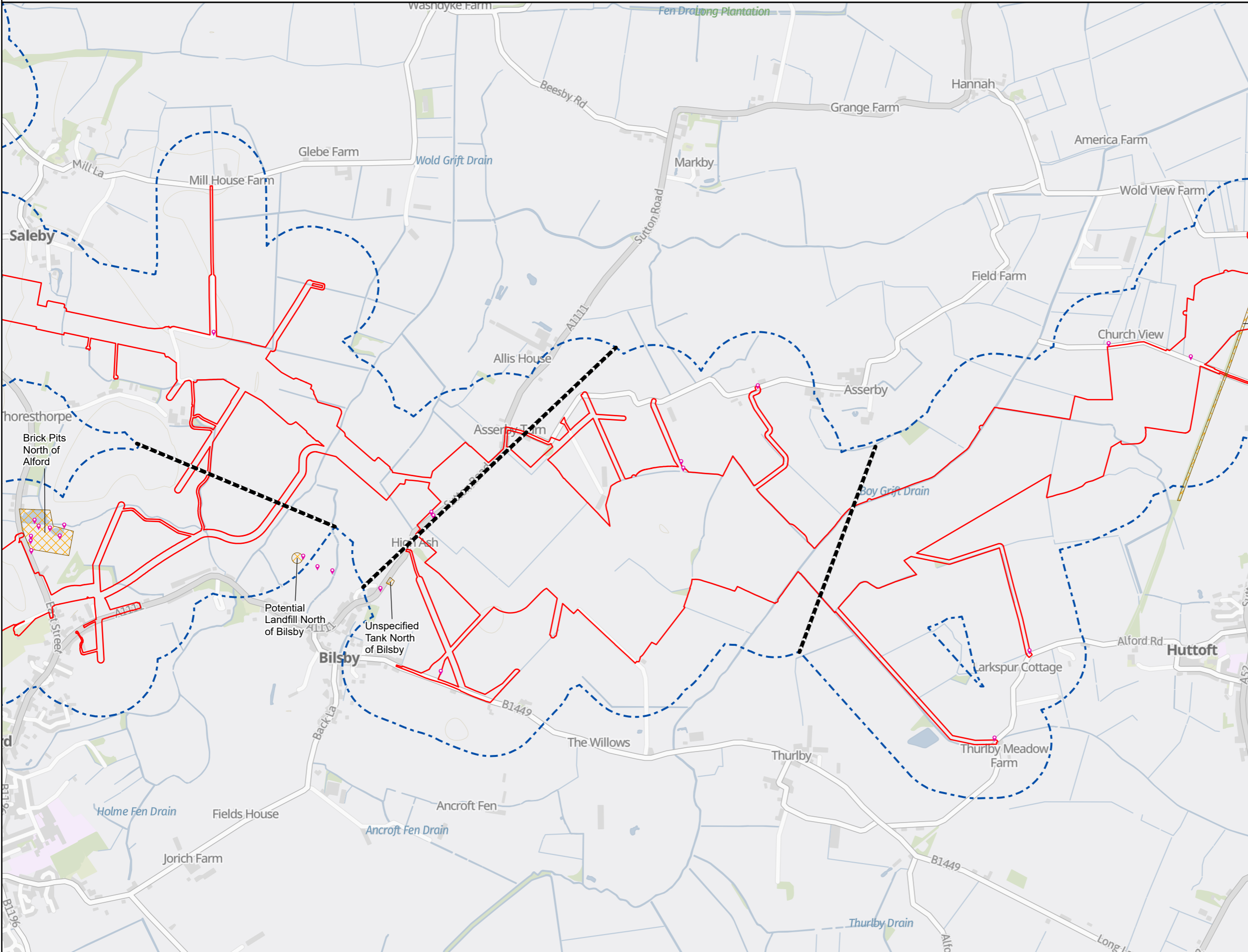
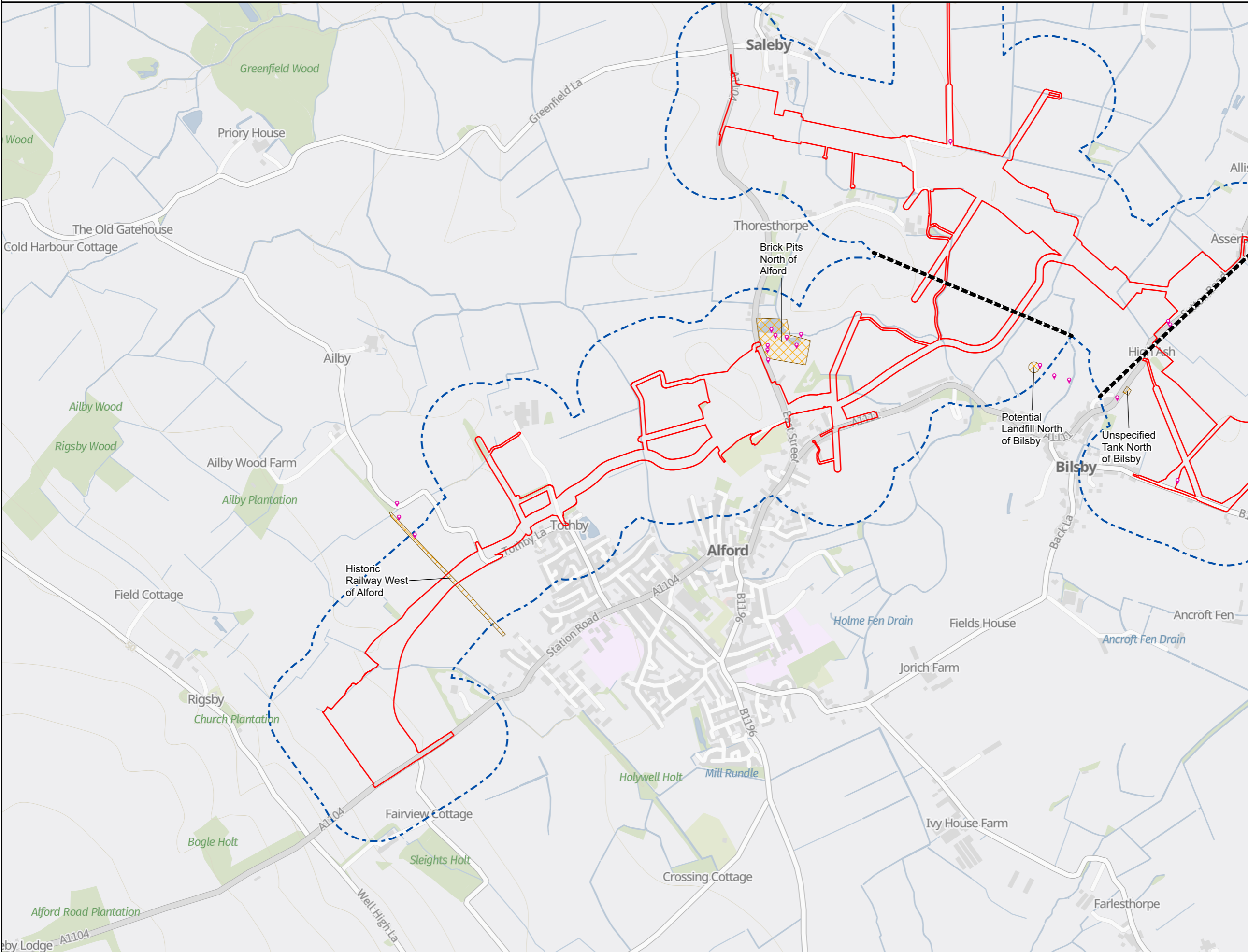


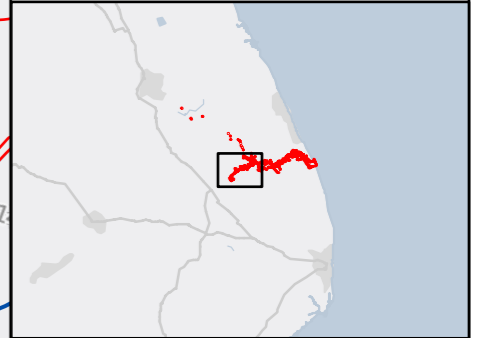


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Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)

- Legend**
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  - 250m Buffer
  - Sections
  - ◆ Walkover Photo Locations
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Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)  
EGL 5 EIA  
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Volume 3, Part 2, Chapter 10 Figures

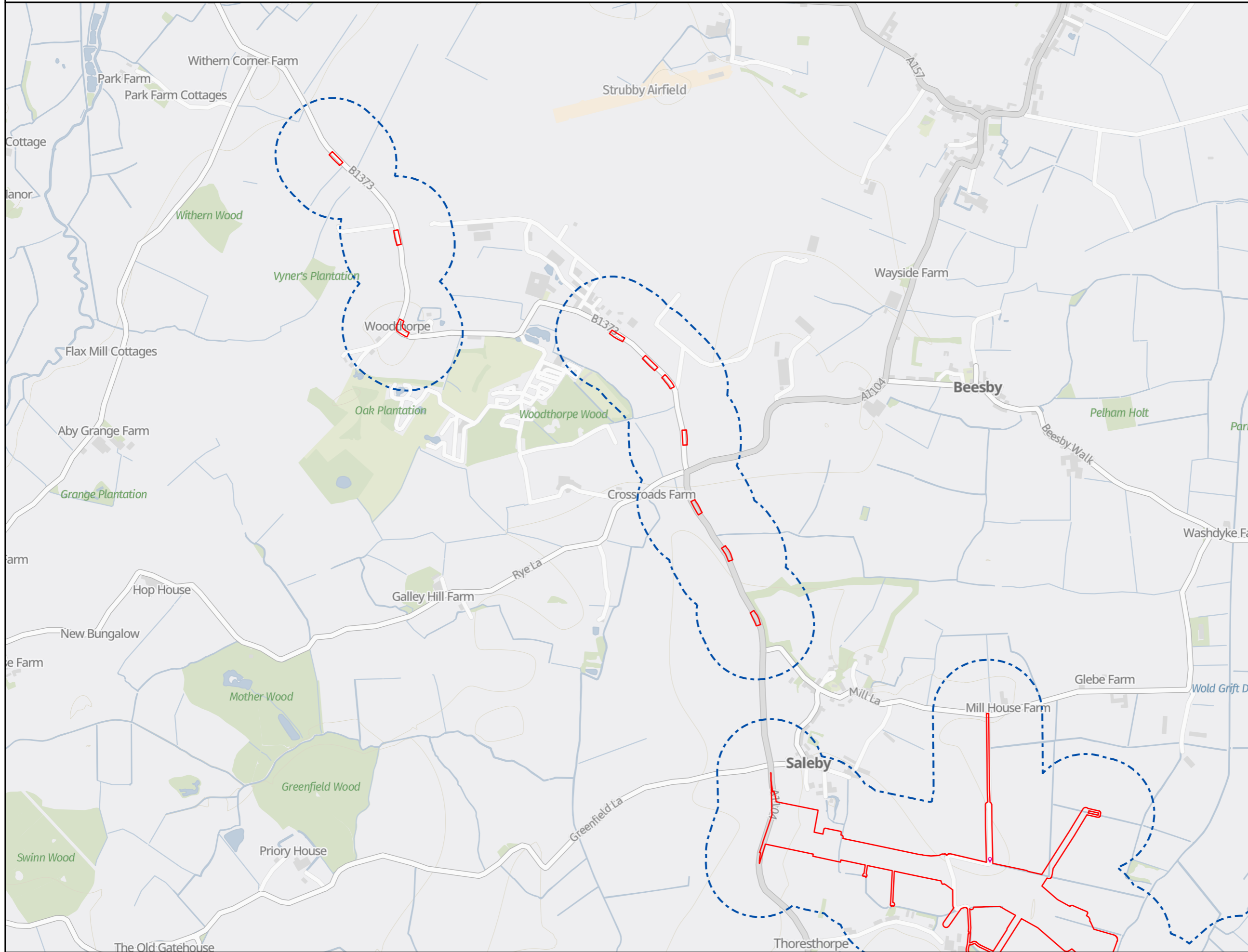
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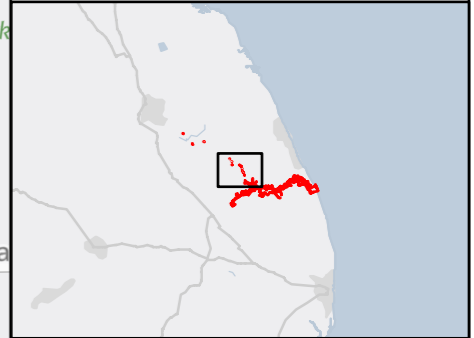
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**Legend**

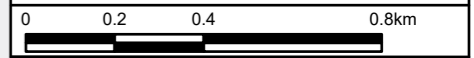
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**Figure Number**  
FIGURE 10-4

**Drawing Reference**  
EGL5-ARC-FG-GAH-0004

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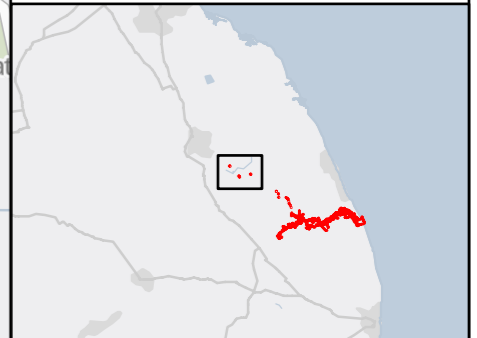
Figure 10-4  
Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)

**Legend**

- English Onshore Scheme draft Order Limits
- 250m Buffer



**Notes**  
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**Title**  
Figure 10-4  
Chapter 10: Geology and Hydrogeology  
Map of Walkover Areas (for Geology)  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures



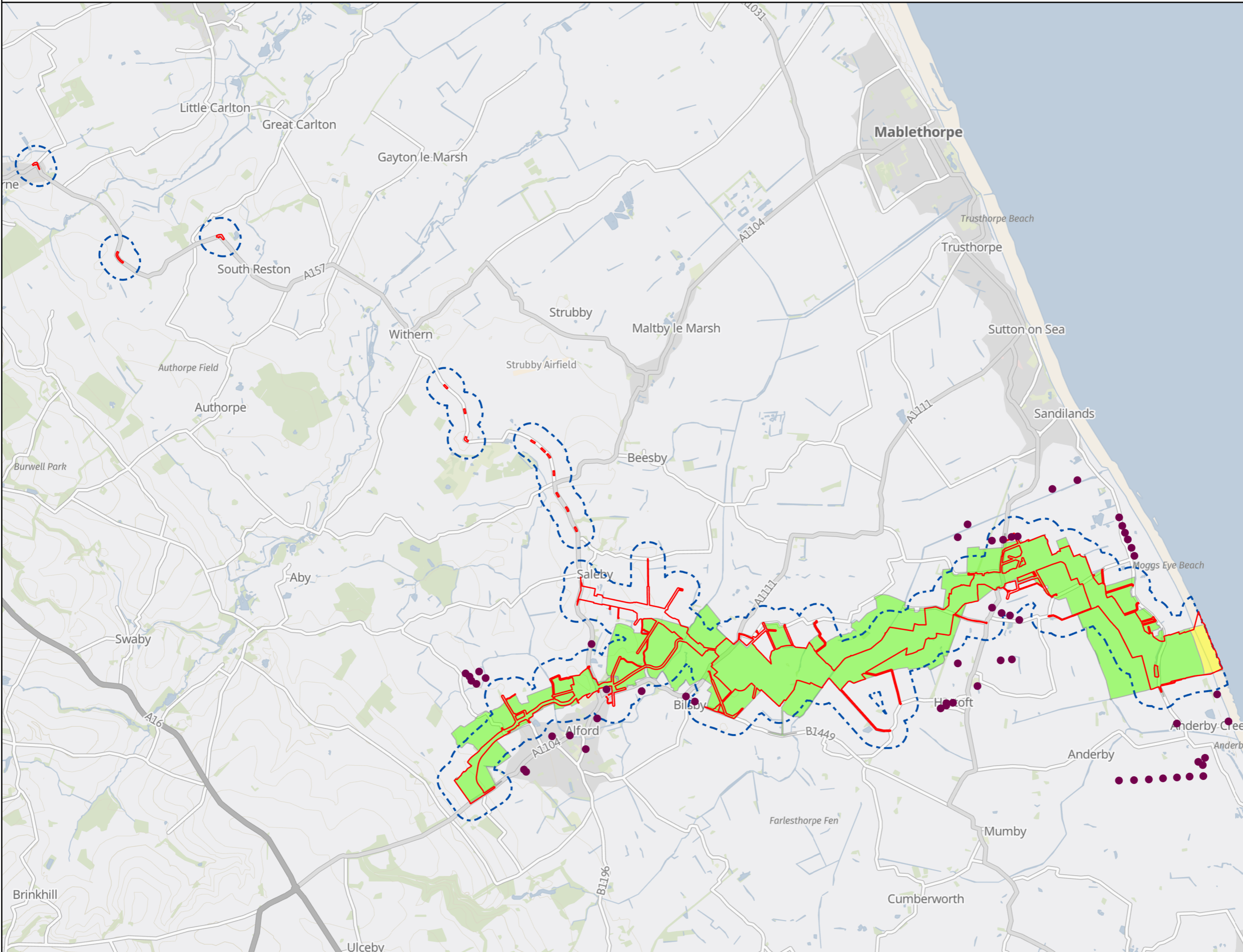
**Figure Number**  
FIGURE 10-4

**Drawing Reference**  
EGL5-ARC-FG-GAH-0004

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Figure 10-5  
Chapter 10: Geology and Hydrogeology  
UXO Mapping



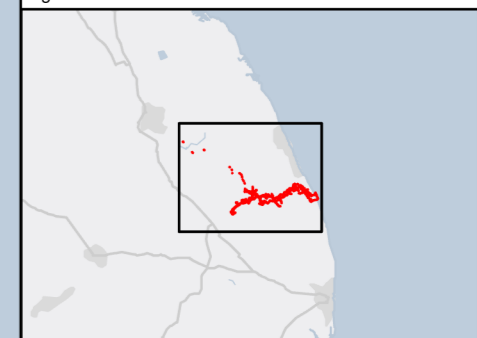
**Legend**

- English Onshore Scheme draft Order Limits
- 250m Buffer
- Bomb Impact Point

**Hazard Level**

- Low
- Moderate

**Notes**  
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**Title**

Figure 10-5  
Chapter 10: Geology and Hydrogeology  
UXO Mapping  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

**nationalgrid**

Figure Number: FIGURE 10-5



Drawing Reference: EGL5-ARC-FG-GAH-0005

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


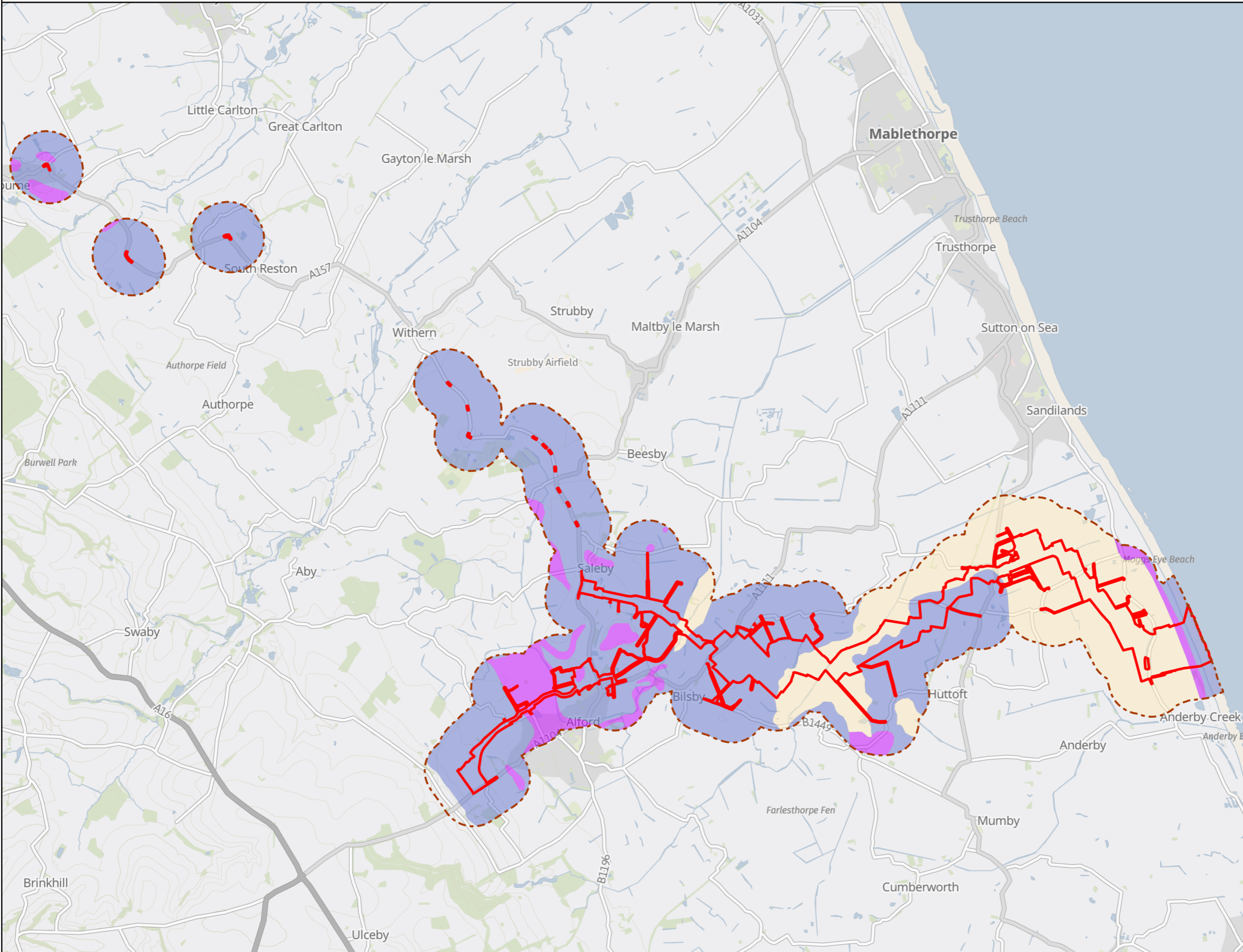
Figure 10-6  
Chapter 10: Geology and Hydrogeology  
Superficial Aquifer Designations

**Legend**

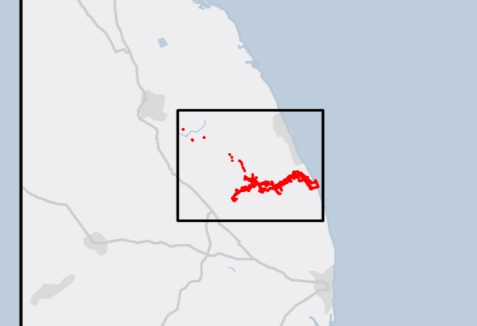
-  English Onshore Scheme draft Order Limits
-  Buffer 500m

**Superficial Aquifer Designation**

-  Secondary (undifferentiated)
-  Secondary A
-  Unproductive



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**Title**

Figure 10-6  
Chapter 10: Geology and Hydrogeology  
Superficial Aquifer Designations  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures



Figure Number: FIGURE 10-6

Drawing Reference: EGL5-ARC-FG-GAH-0006

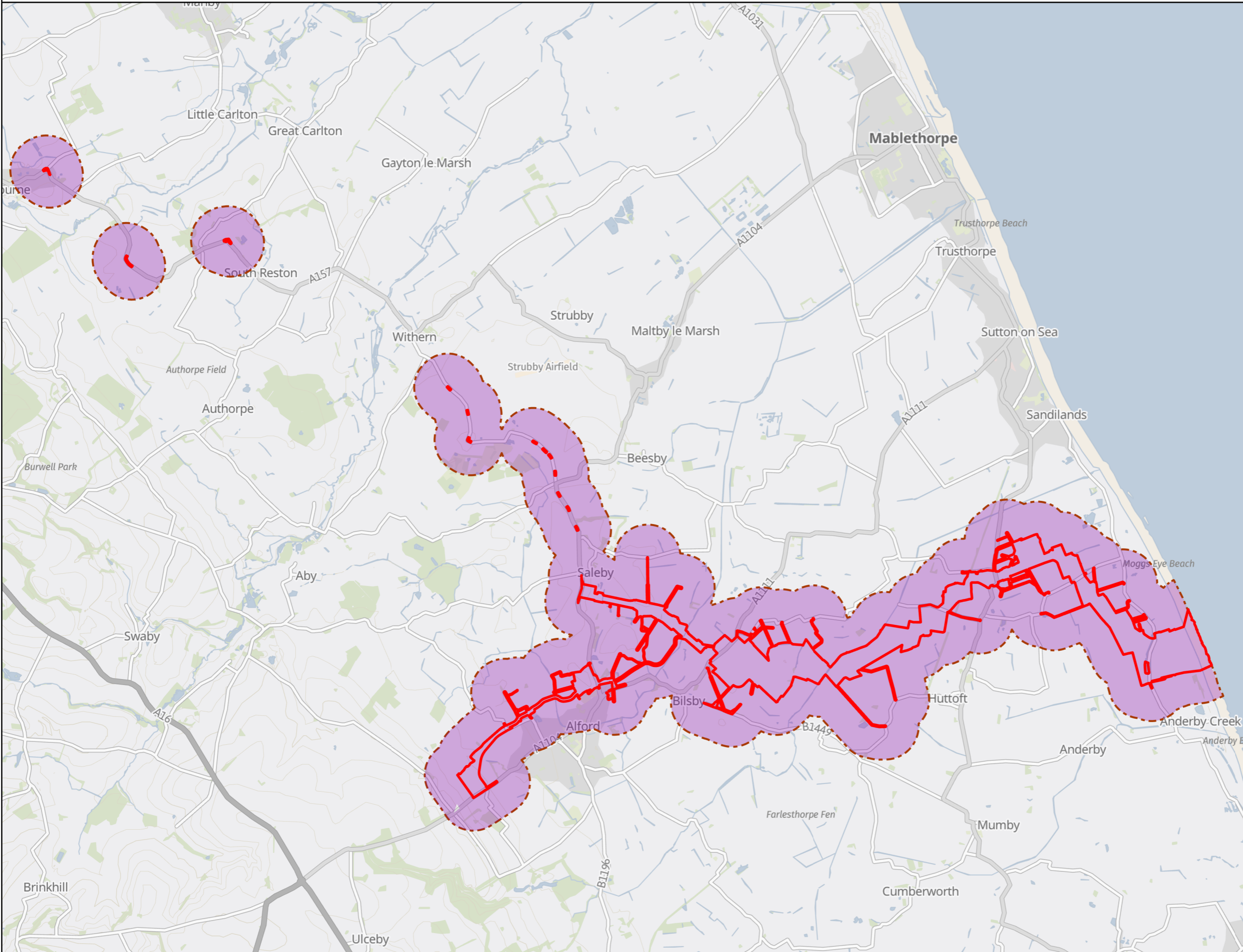
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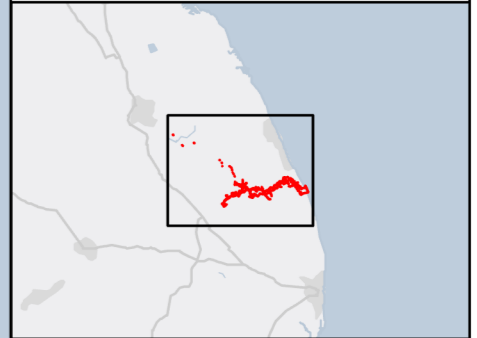
Figure 10-7  
Chapter 10: Geology and Hydrogeology  
Bedrock Aquifer Designations

Legend

- English Onshore Scheme draft Order Limits
  - Buffer 500m
- Bedrock Aquifer Designation
- Principal



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Title  
**Figure 10-7**  
**Chapter 10: Geology and Hydrogeology**  
**Bedrock Aquifer Designations**  
**EGL 5 EIA**  
**Preliminary Environmental**  
**Information Report**  
**Volume 3, Part 2, Chapter 10 Figures**



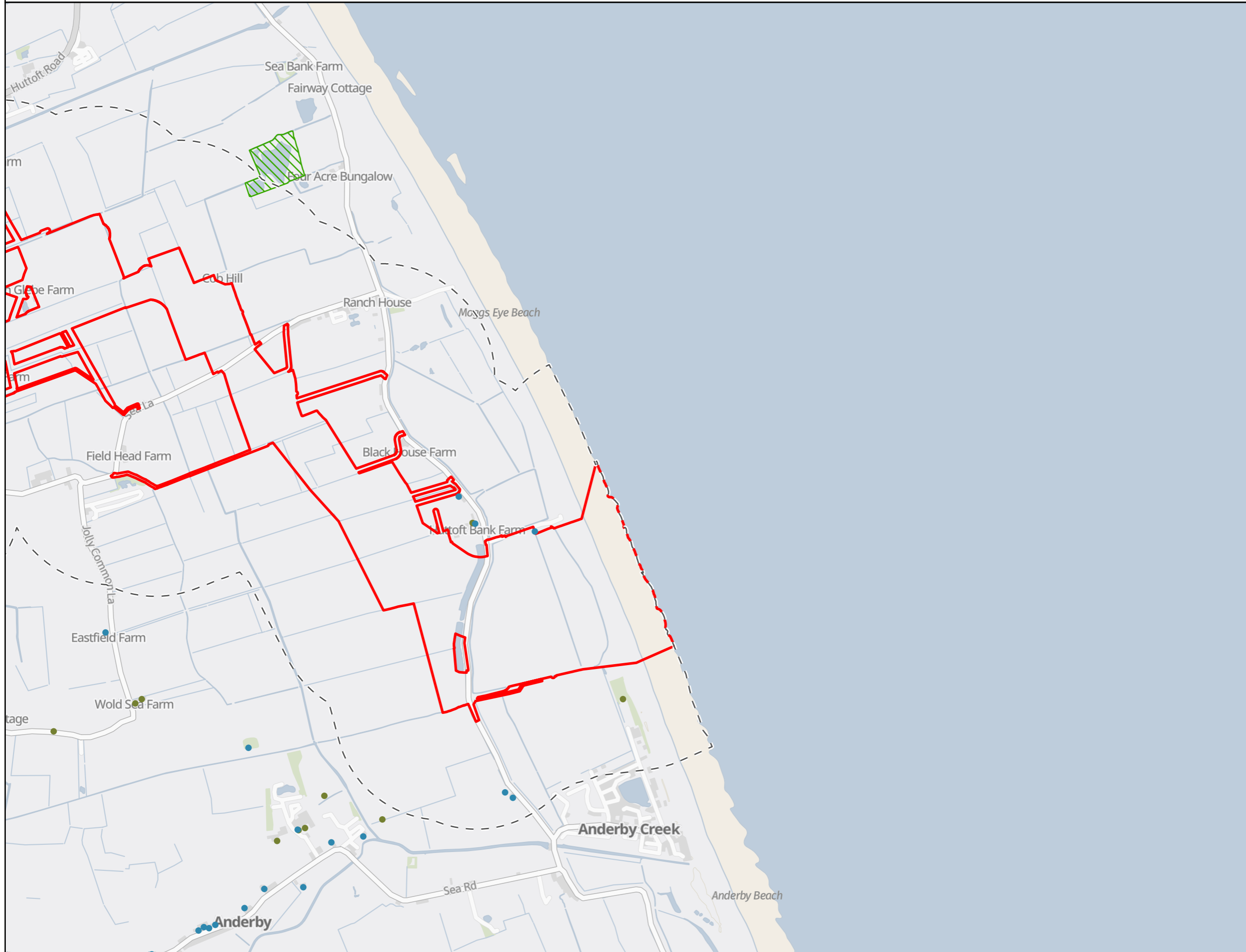
Figure Number  
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Drawing Reference  
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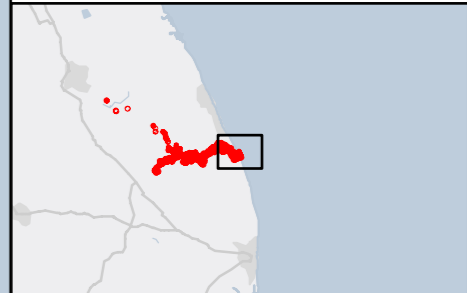
Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features



**Legend**

- English Onshore Scheme draft Order Limits
- Buffer 500m
- Private Water Supply Location (Groundwater)
- BGS Historical Wells
- OS Historical Mapping Wells
- GWDE (published by EA)

**Notes**  
This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.  
Public Water Supply abstraction locations are not shown.  
"Historic Well (BGS 1967 Map)" refers to artesian wells identified on the 1967 British Geological Survey Hydrogeological Map of North and East Lincolnshire.



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Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures



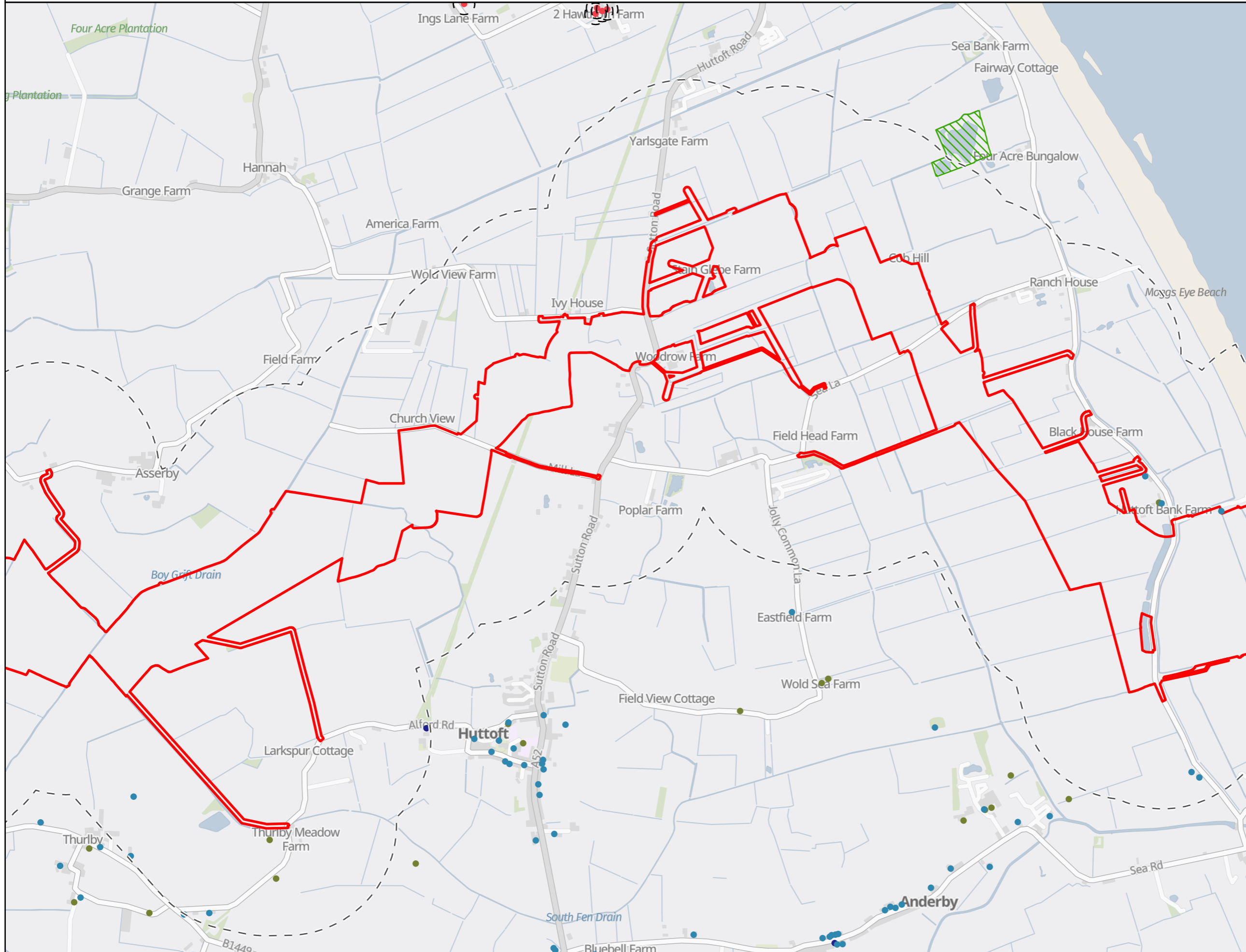
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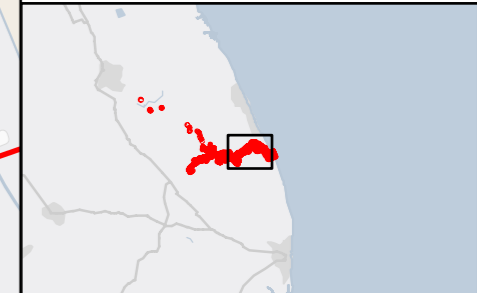
Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features



**Legend**

- English Onshore Scheme draft Order Limits
- Buffer 500m
- Private Water Supply Location (Groundwater)**
- BGS Historical Wells
- EA De-regulated Abstraction - Environment Agency
- OS Historical Mapping Wells
- Private Water Supply Location (Local Authorities)**
- Domestic
- 50m default SPZ1
- GWDTE (published by EA)

**Notes**  
This drawing is scaled at paper size A3, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.  
Public Water Supply abstraction locations are not shown.  
\*Historic Well (BGS 1967 Map)\* refers to artesian wells identified on the 1967 British Geological Survey Hydrogeological Map of North and East Lincolnshire.



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Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

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Figure Number: FIGURE 10-8

Drawing Reference: EGL5-ARC-FG-GAH-0008

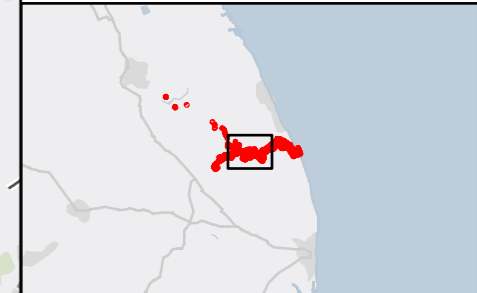
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Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features

- Legend**
- English Onshore Scheme draft Order Limits
  - Buffer 500m
  - Private Water Supply Location (Groundwater)**
    - BGS Historical Wells
    - EA De-regulated Abstraction - Environment Agency
    - OS Historical Mapping Wells
  - Private Water Supply Location (Local Authorities)**
    - Domestic
  - 50m default SPZ1
  - Nitrate Vulnerable Zone (Groundwater)

**Notes**  
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Public Water Supply abstraction locations are not shown.  
"Historic Well (BGS 1967 Map)" refers to artesian wells identified on the 1967 British Geological Survey Hydrogeological Map of North and East Lincolnshire.



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Sheet X Centroid Coordinate: 548436.39E Sheet Y Centroid Coordinate: 377272.33N

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Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures



**Figure Number**  
FIGURE 10-8

**Drawing Reference**  
EGL5-ARC-FG-GAH-0008

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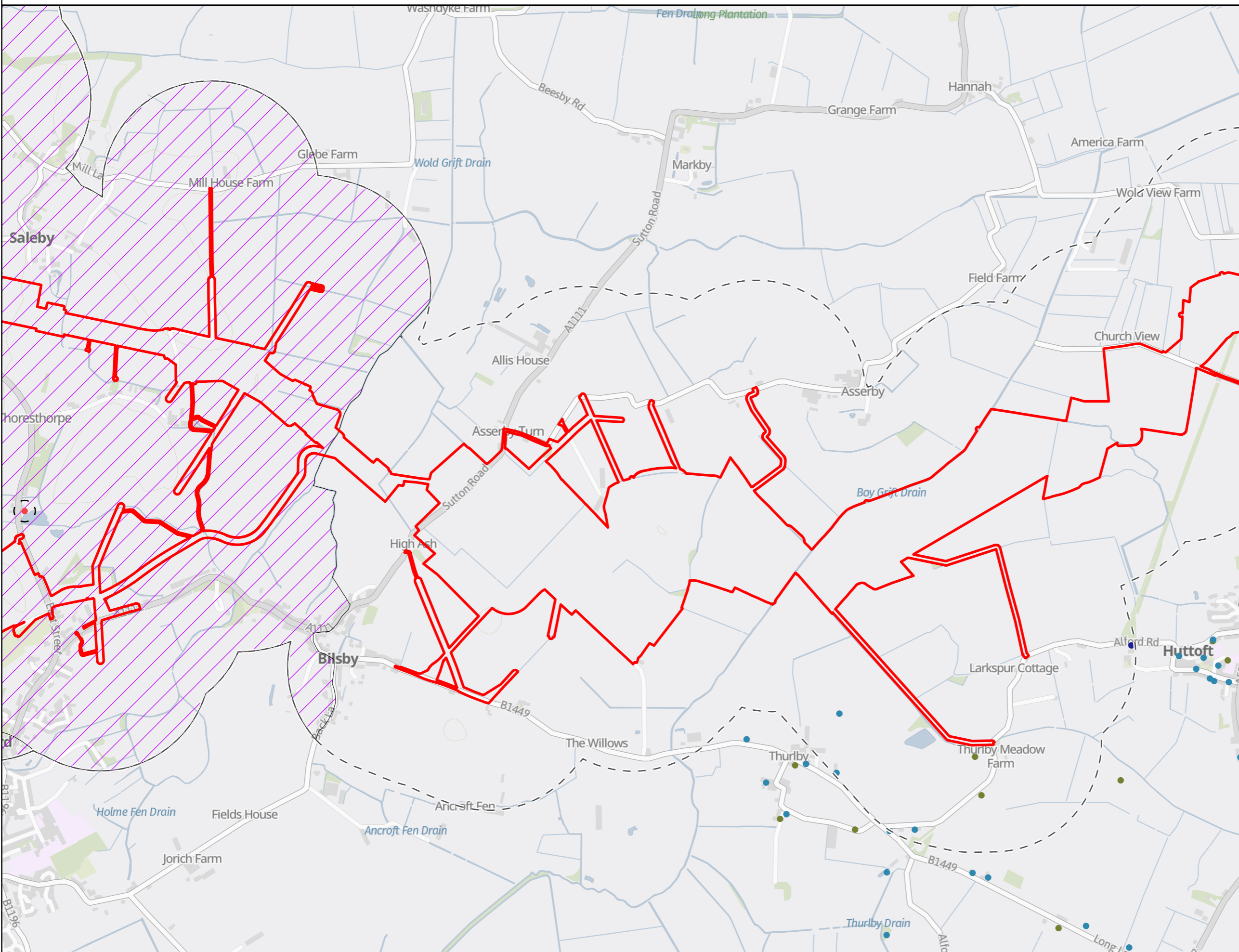
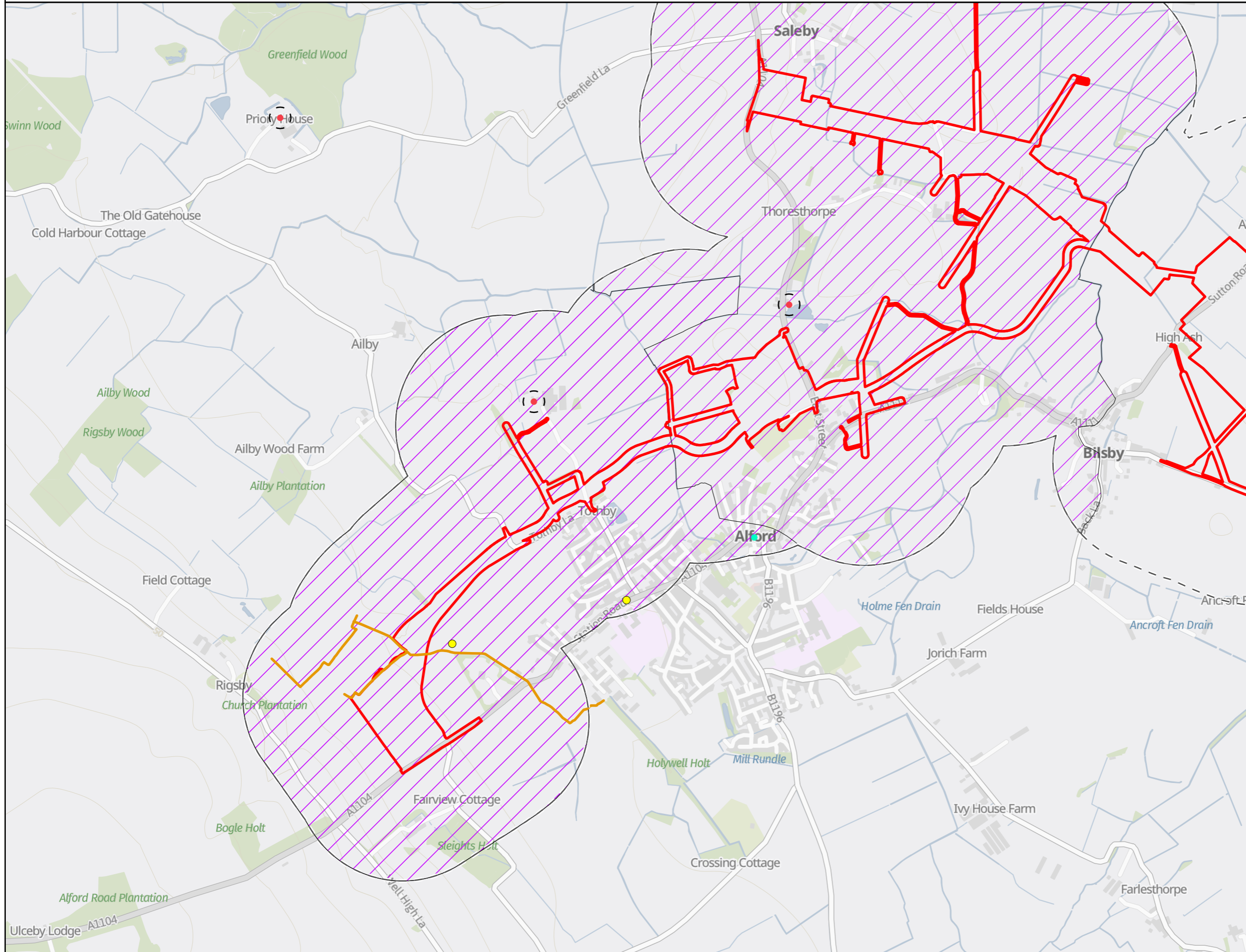




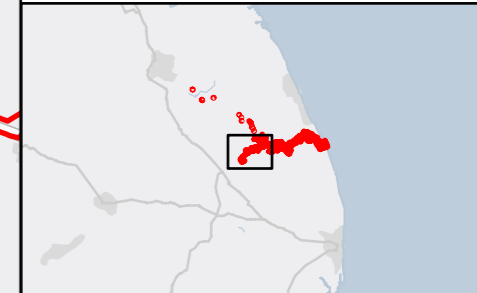
Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features



**Legend**

- English Onshore Scheme draft Order Limits
- Buffer 500m
- Private Water Supply Location (Local Authorities)
  - Domestic
  - Non-Potable
- 50m default SPZ1
- Nitrate Vulnerable Zone (Groundwater)
- Chalk Rivers (BGS)
- Historic Well (BGS 1967 Map)

**Notes**  
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Sheet X Centroid Coordinate: 544893.86E Sheet Y Centroid Coordinate: 376318.3N

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Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

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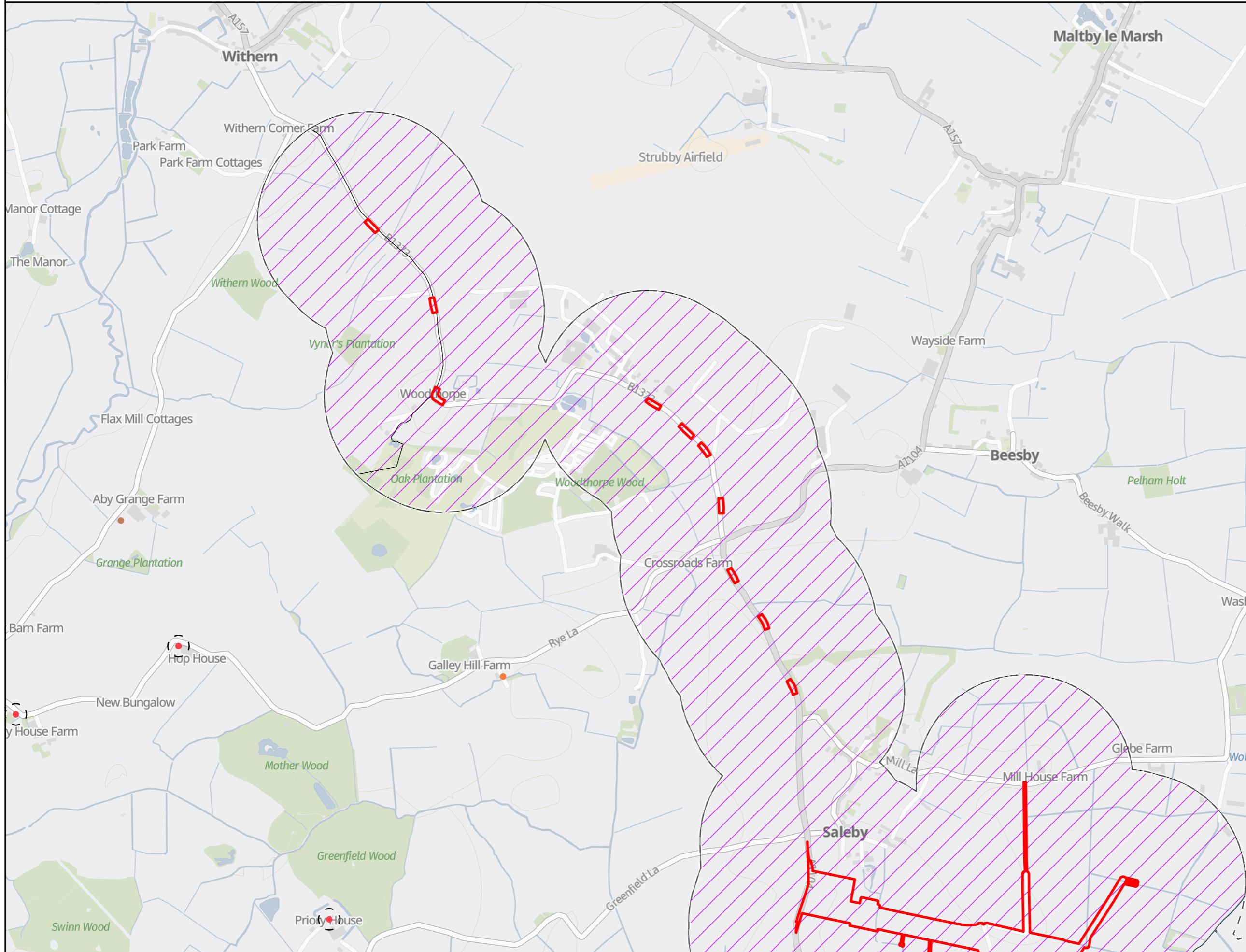
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Drawing Reference: EGL5-ARC-FG-GAH-0008

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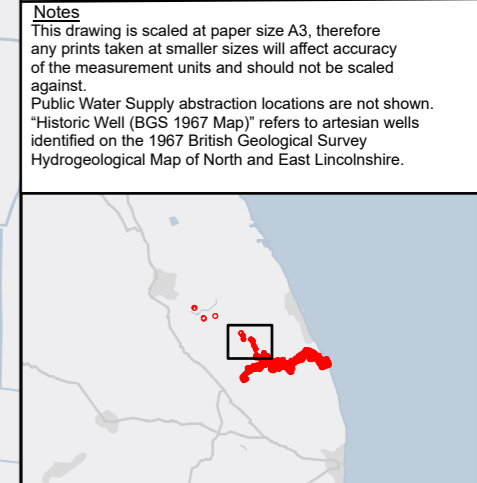
Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features



**Legend**

- English Onshore Scheme draft Order Limits
- Buffer 500m
- Private Water Supply Location (Local Authorities)**
- Domestic
- Commercial
- Shared/Domestic
- 50m default SPZ1
- Nitrate Vulnerable Zone (Groundwater)

**Notes**  
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Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures



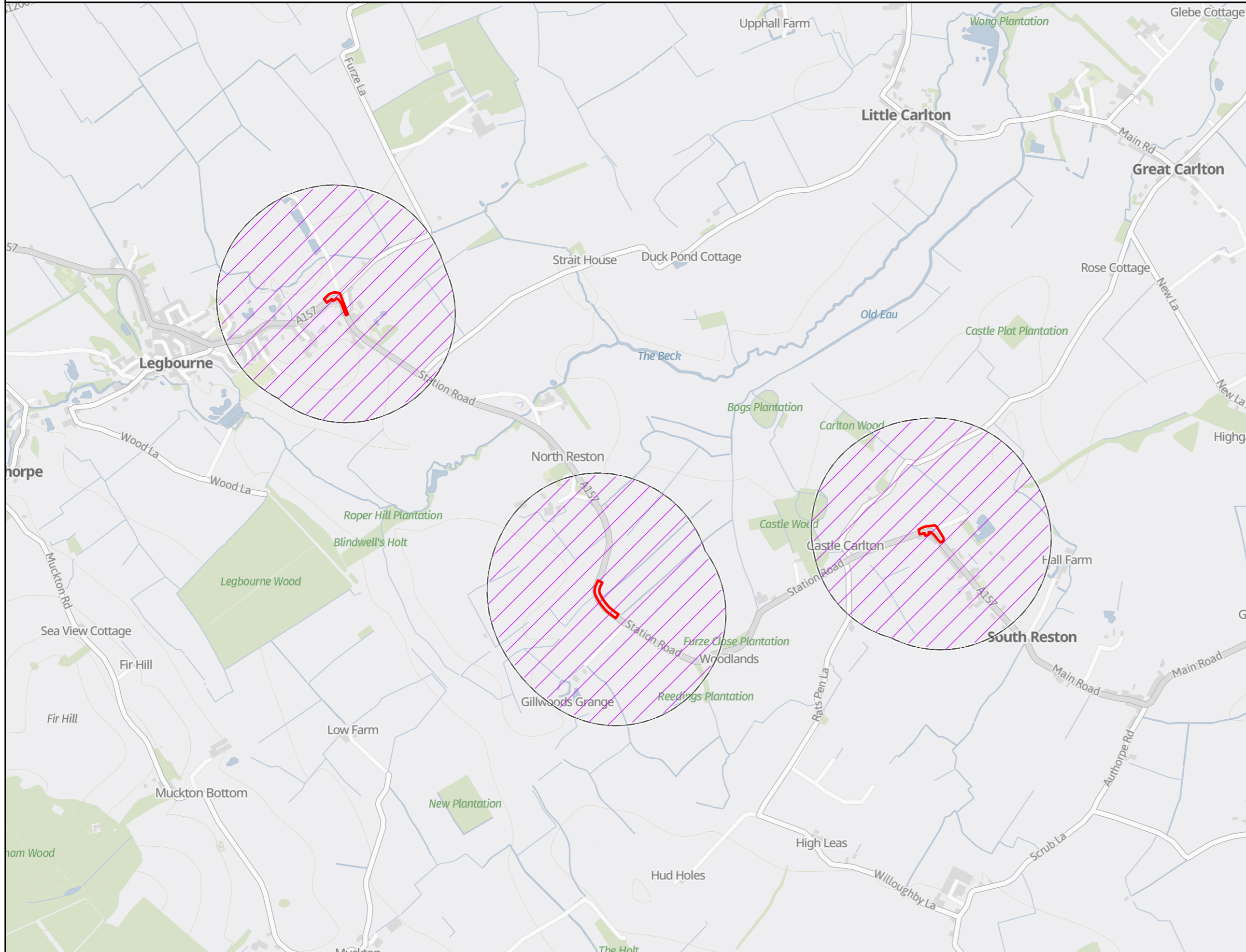
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Drawing Reference: EGL5-ARC-FG-GAH-0008

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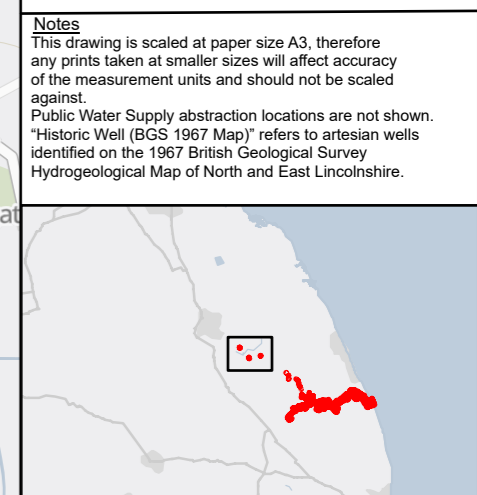
Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features



**Legend**

- English Onshore Scheme draft Order Limits
- Buffer 500m
- Nitrate Vulnerable Zone (Groundwater)

**Notes**  
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Figure 10-8  
Chapter 10: Geology and Hydrogeology  
Groundwater Receptor and Features  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

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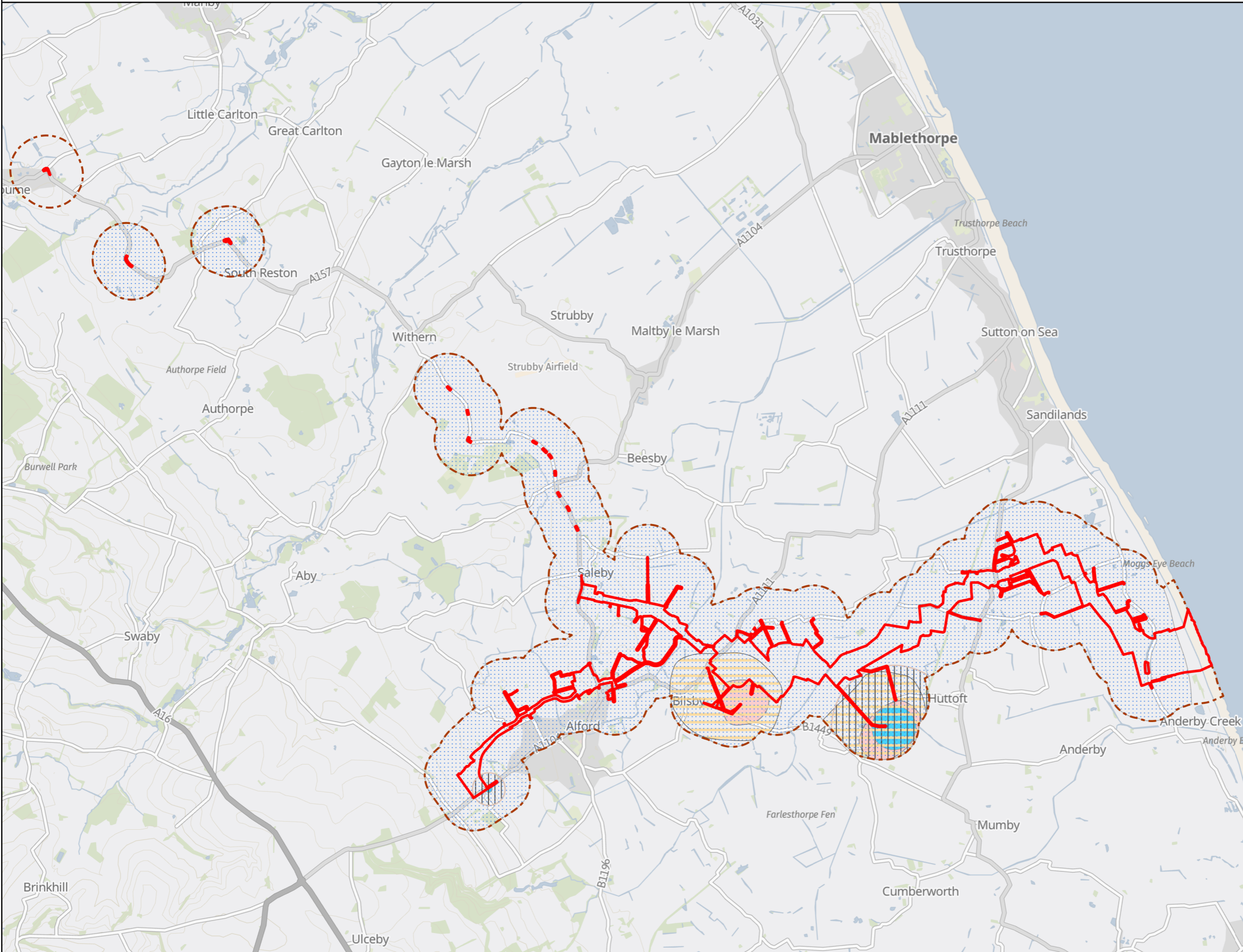
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Drawing Reference: EGL5-ARC-FG-GAH-0008

Scale	Sheet Size	Sheet	Issue
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Figure 10-9  
Chapter 10: Geology and Hydrogeology  
Source Protection Zones and Water Framework Directive Bodies and Current Status



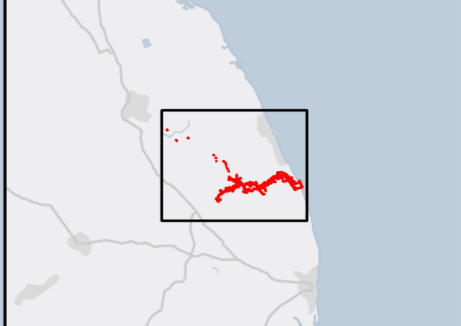
**Legend**

- English Onshore Scheme draft Order Limits
- Buffer 500m

Source Protection Zone

- SPZ 1 - Inner Protection Zone
- SPZ 1c - Subsurface Activity
- SPZ 2 - Outer Protection Zone
- SPZ 2c - Outer Protection Zone (Subsurface activity)
- SPZ 3 - Total Catchment

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Chapter 10: Geology and Hydrogeology  
Groundwater Source Protection Zones  
EGL 5 EIA  
Preliminary Environmental  
Information Report  
Volume 3, Part 2, Chapter 10 Figures

**nationalgrid**

Figure Number: FIGURE 10-9

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