

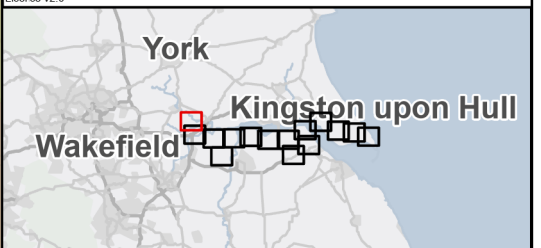
Legend

- Draft Order Limits
- 250m study area

Superficial Geology

- Alluvium - Clay, Silt, Sand And Gravel
- Lacustrine Beach Deposits - Sand And Gravel
- Warp - Clay And Silt
- Brighton Sand Formation - Sand
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Sutton Sand Formation - Sand

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Site
Humber

PROJECT:
HUMBER CARBON CAPTURE PIPELINE

Client
Net Zero North Sea Storage Limited
Chertsey Road
Sunbury On Thames
Middlesex
United Kingdom
TW16 7BP

Registered office:
80Fen
80 Fenchurch Street
London
EC3M 4BY

Coordinating Office:
5th Floor
401 Faraday Street
Warrington
WA3 6GA

www.arcadis.com

Title:

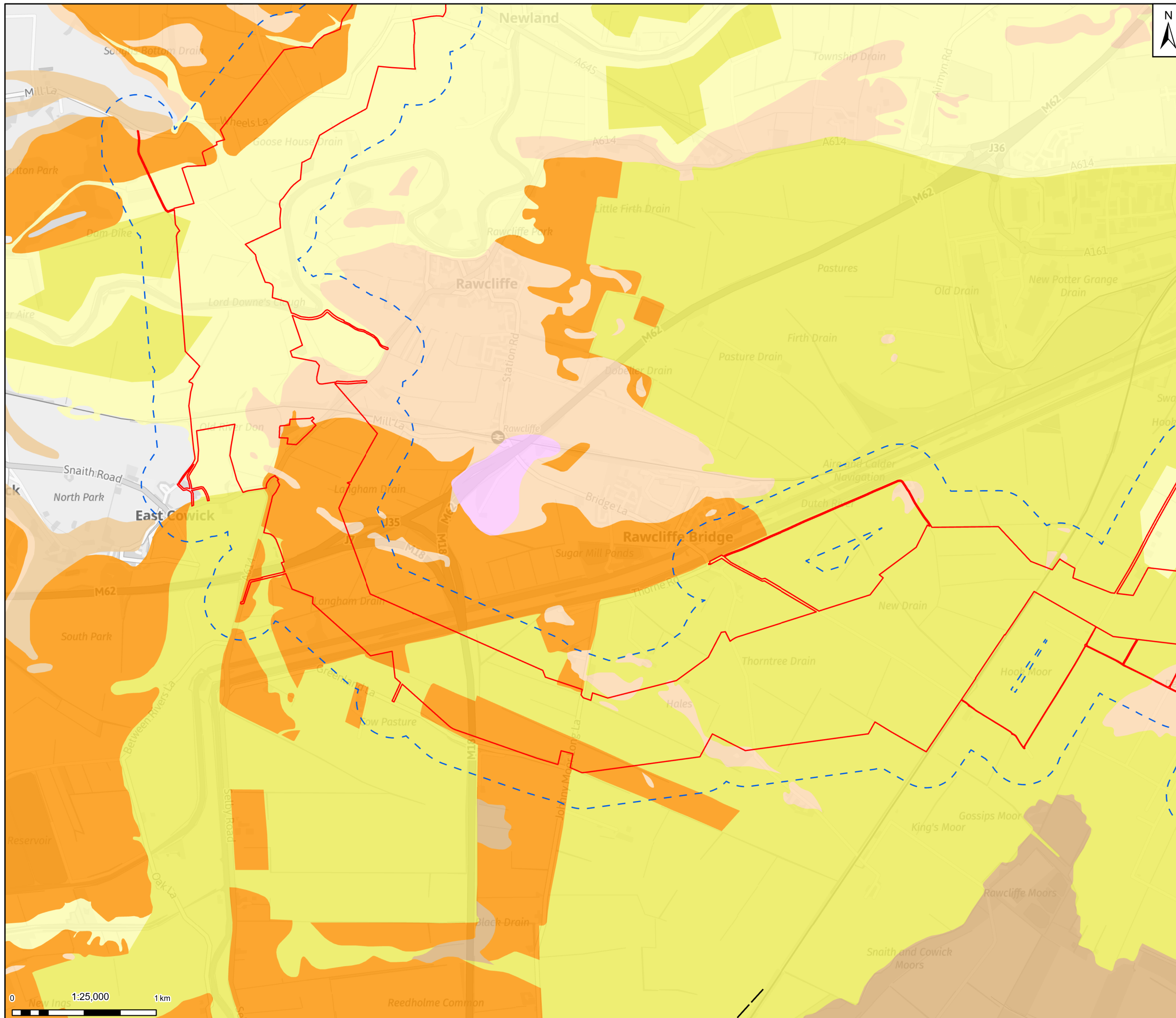
**Figure 10.1
Superficial Geology
Page 1 of 15**

Designed	L.D.	Date: 30 SEP 25	Signed
Drawn	D.P.	Date: 30 SEP 25	Signed
Checked	M.M.	Date: 30 SEP 25	Signed
Approved	J.C.	Date: 30 SEP 25	Signed
Scale:	1:25,000	Datum:	AOD
Original Size:	A3	Grid:	OS
Suitability Code:	S2	Project Number:	30181090

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Drawing Number: **10607856-ARC-EGN-ZZ-DR-ZZ-00062** Revision: **P01**





Legend

- Draft Order Limits
- 250m study area

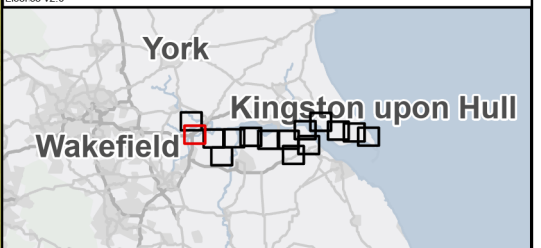
Linear Geology

- Fault Inferred

Superficial Geology

- Alluvium - Clay, Silt, Sand And Gravel
- Lacustrine Beach Deposits - Sand And Gravel
- Warp - Clay And Silt
- Brighton Sand Formation - Sand
- Glaciofluvial Deposits, Devensian - Sand And Gravel
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Peat - Peat

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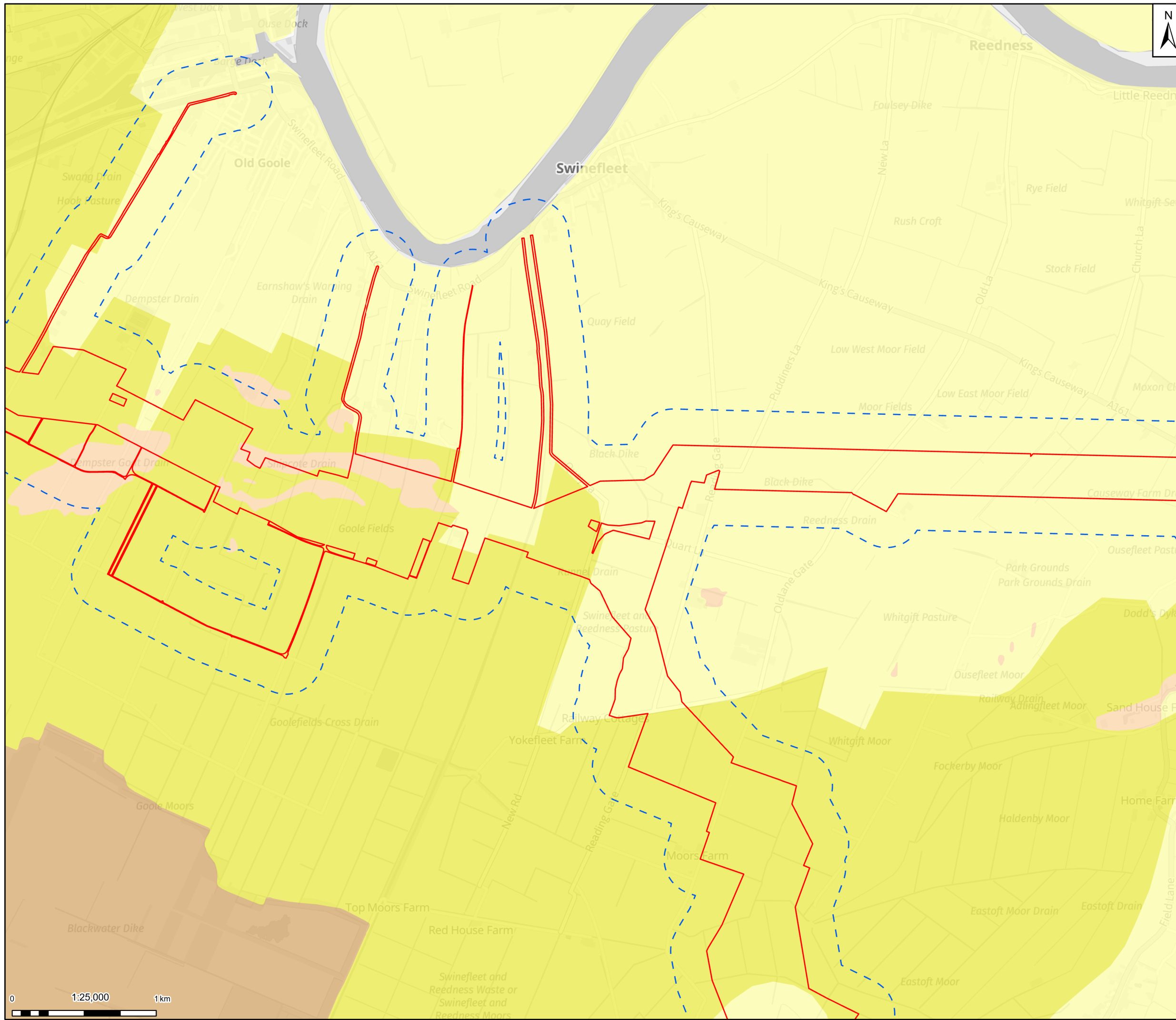
**Figure 10.1
Superficial Geology
Page 2 of 15**

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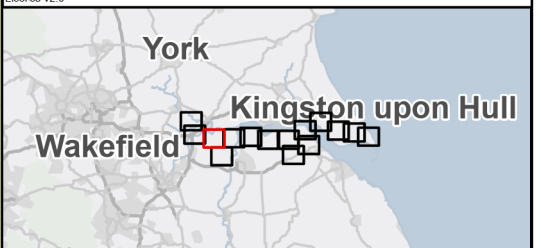
Legend

- Draft Order Limits
- 250m study area

Superficial Geology

- Alluvium - Clay, Silt, Sand And Gravel
- Warp - Clay And Silt
- Brighton Sand Formation - Sand
- Peat - Peat

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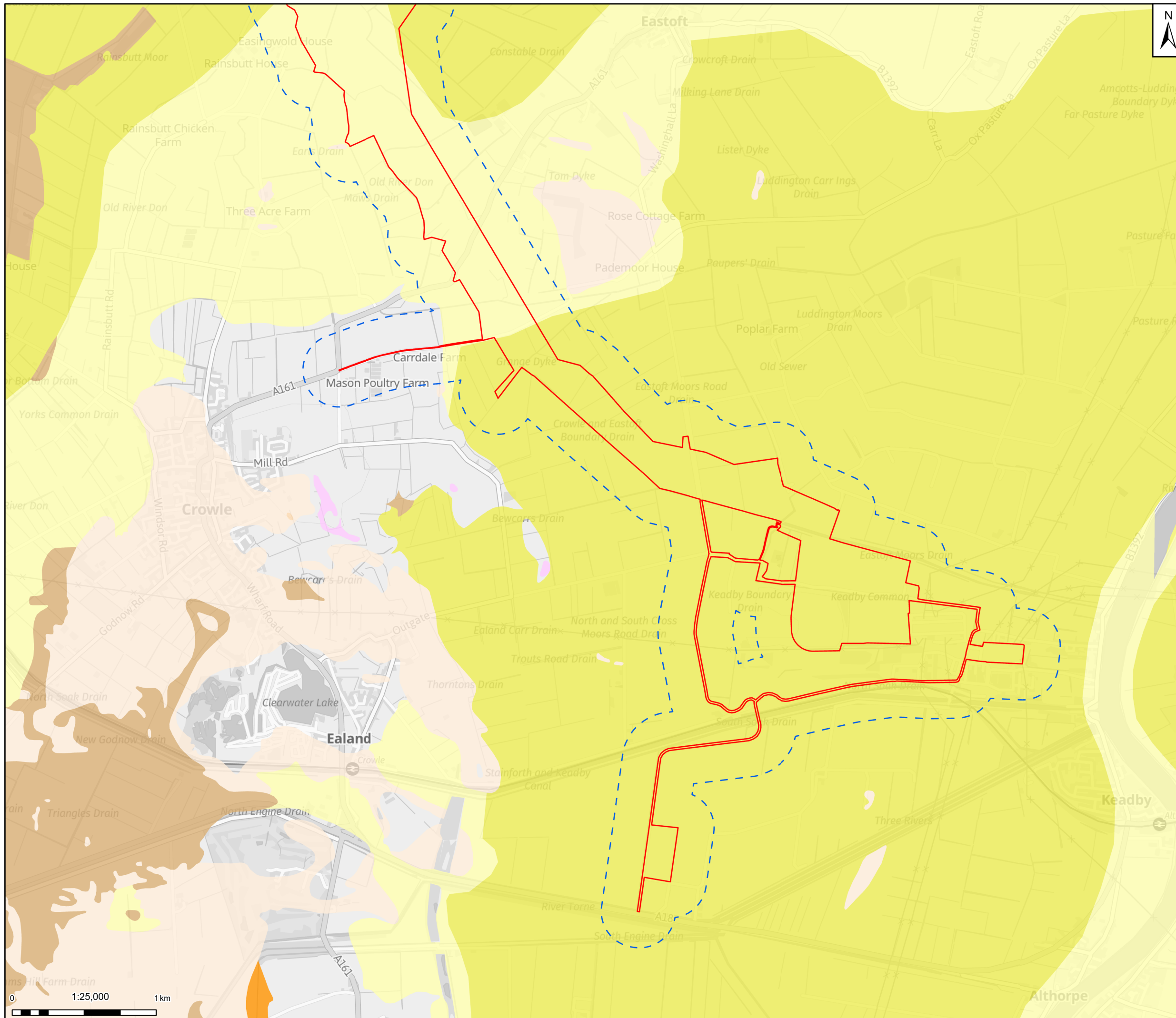
**Figure 10.1
Superficial Geology
Page 3 of 15**

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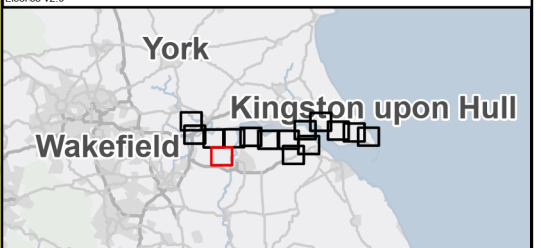
Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00062 Revision: **P01**






- Legend**
- Draft Order Limits
 - 250m study area
- Superficial Geology**
- Alluvium - Clay, Silt, Sand And Gravel
 - Tidal Flat Deposits - Clay And Silt
 - Warp - Clay And Silt
 - Brighton Sand Formation - Sand
 - Glaciofluvial Deposits, Devensian - Sand And Gravel
 - Hemingbrough Glaciolacustrine Formation - Clay, Silty
 - Sutton Sand Formation - Sand
 - Peat - Peat

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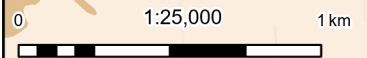
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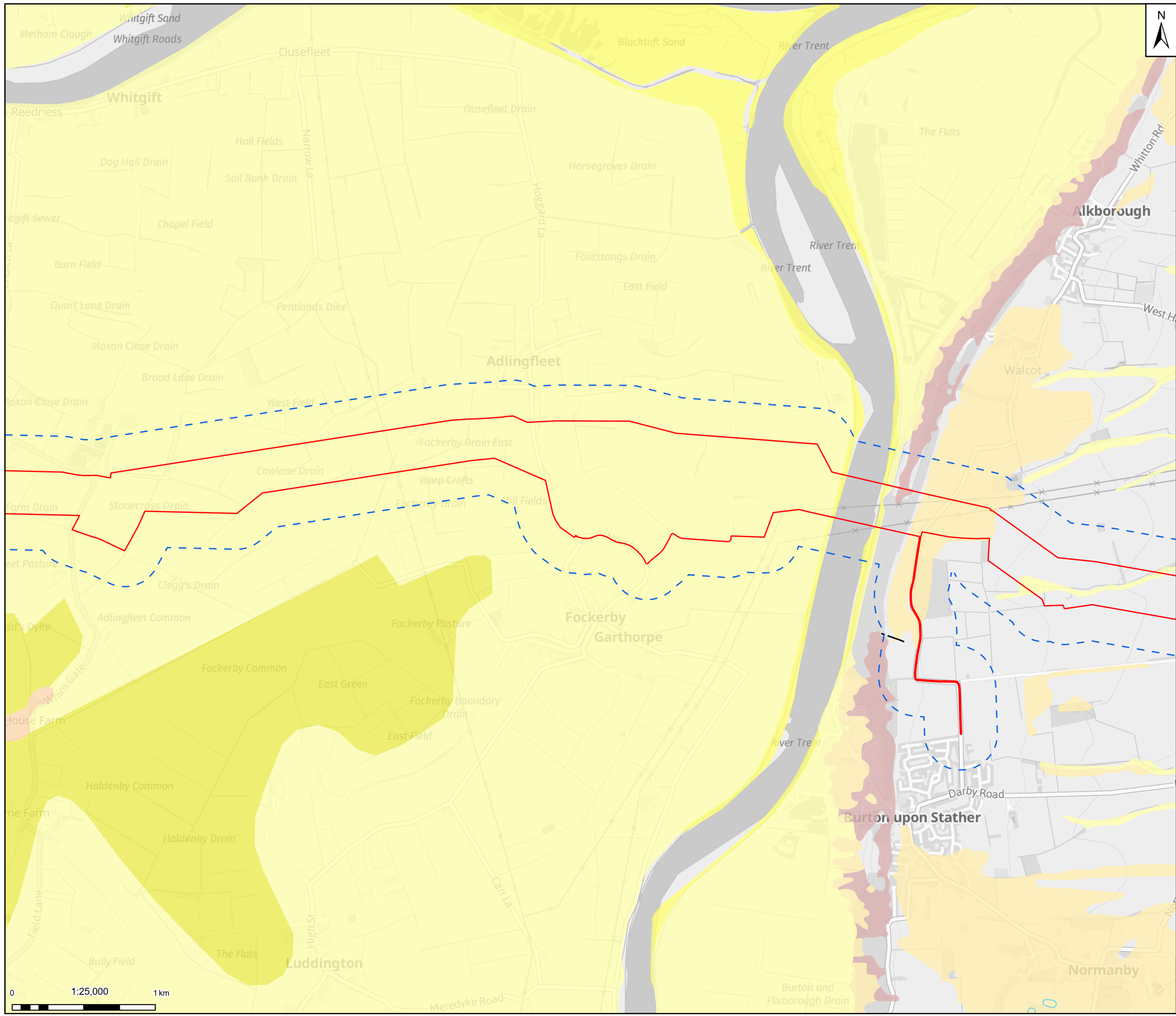
**Figure 10.1
Superficial Geology
Page 4 of 15**

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Legend

- Draft Order Limits
- 250m study area

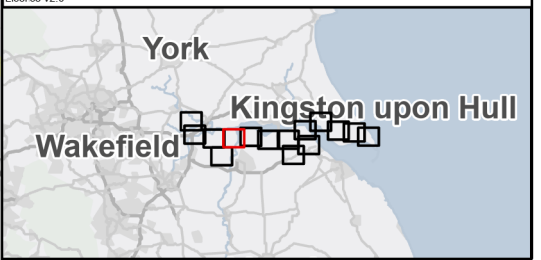
Linear Geology

- Dune Crestline
- Fault Inferred

Superficial Geology


- Alluvium - Clay, Silt, Sand And Gravel
- Tidal Flat Deposits - Clay And Silt
- Warp - Clay And Silt
- Brighton Sand Formation - Sand
- Blown Sand - Sand
- Head - Clay, Silt, Sand And Gravel

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 Chertsey Road
 Sunbury On Thames
 Middlesex
 United Kingdom
 TW16 7BP



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 80 Fenchurch Street
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 www.arcadis.com

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 Warrington
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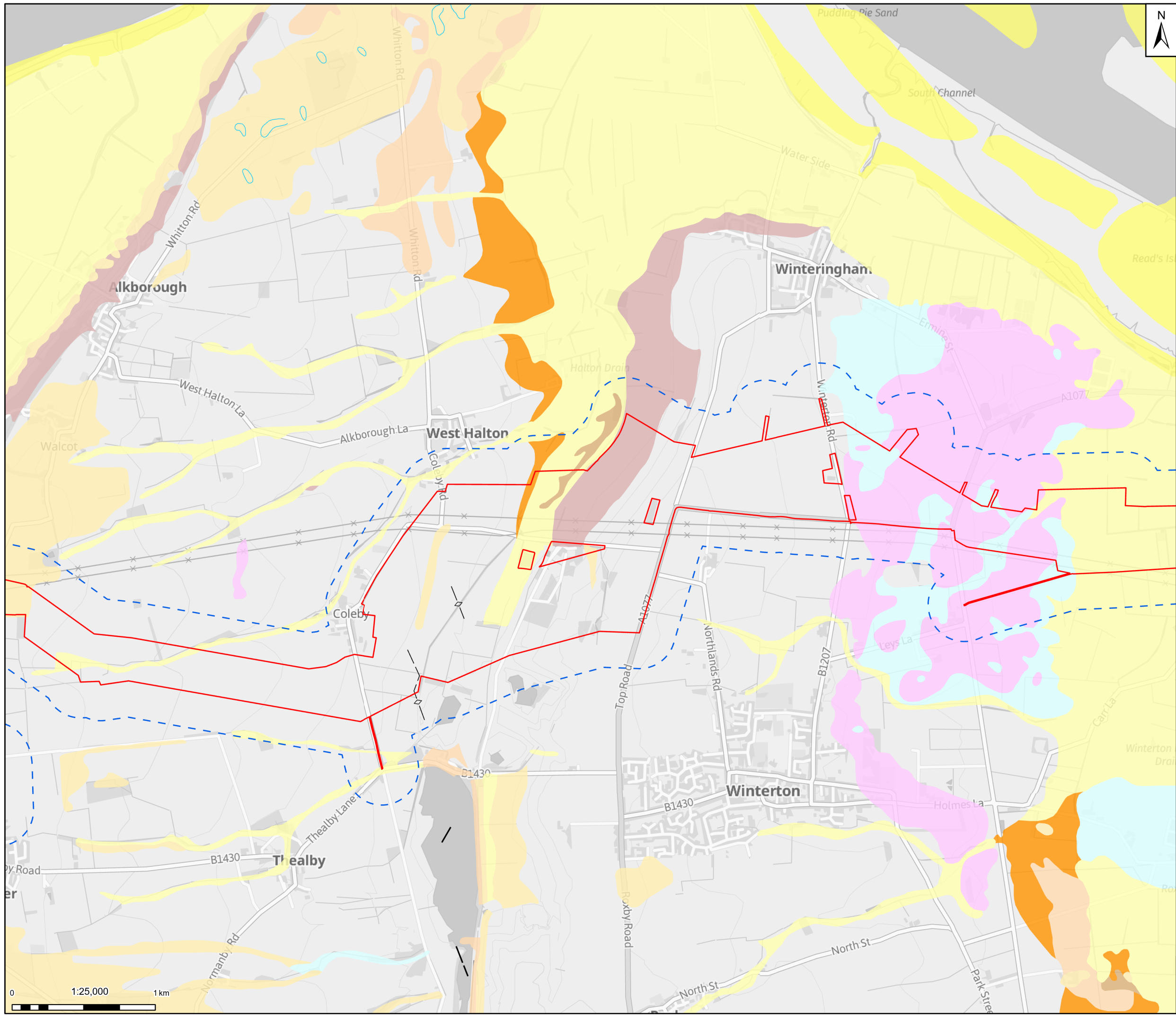
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**Figure 10.1
 Superficial Geology
 Page 5 of 15**

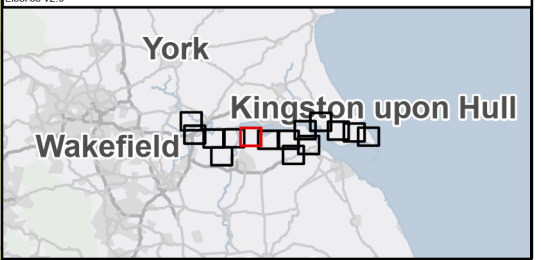
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Drawing Number: 10607856-ARC-EGN-ZZ-DR-ZZ-00062 | Revision: **P01**




- Legend**
- Draft Order Limits
 - 250m study area
- Linear Geology**
- Dune Crestline
 - Fault Inferred
 - Fold Anticline
- Superficial Geology**
- Alluvium - Clay, Silt, Sand And Gravel
 - Tidal Flat Deposits - Clay And Silt
 - Brighton Sand Formation - Sand, Silty
 - Glaciofluvial Deposits, Devensian - Sand And Gravel
 - Hemingbrough Glaciolacustrine Formation - Clay, Silty
 - Till, Devensian - Diamicton
 - Blown Sand - Sand
 - Head - Clay, Silt, Sand And Gravel
 - Peat - Peat
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**Northern
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CAPTURE
PIPELINE

Site

Humber

Client

Net Zero North Sea Storage Limited
Chertsey Road
Sunbury On Thames
Middlesex
United Kingdom
TW16 7BP



Registered office:
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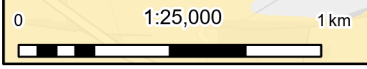
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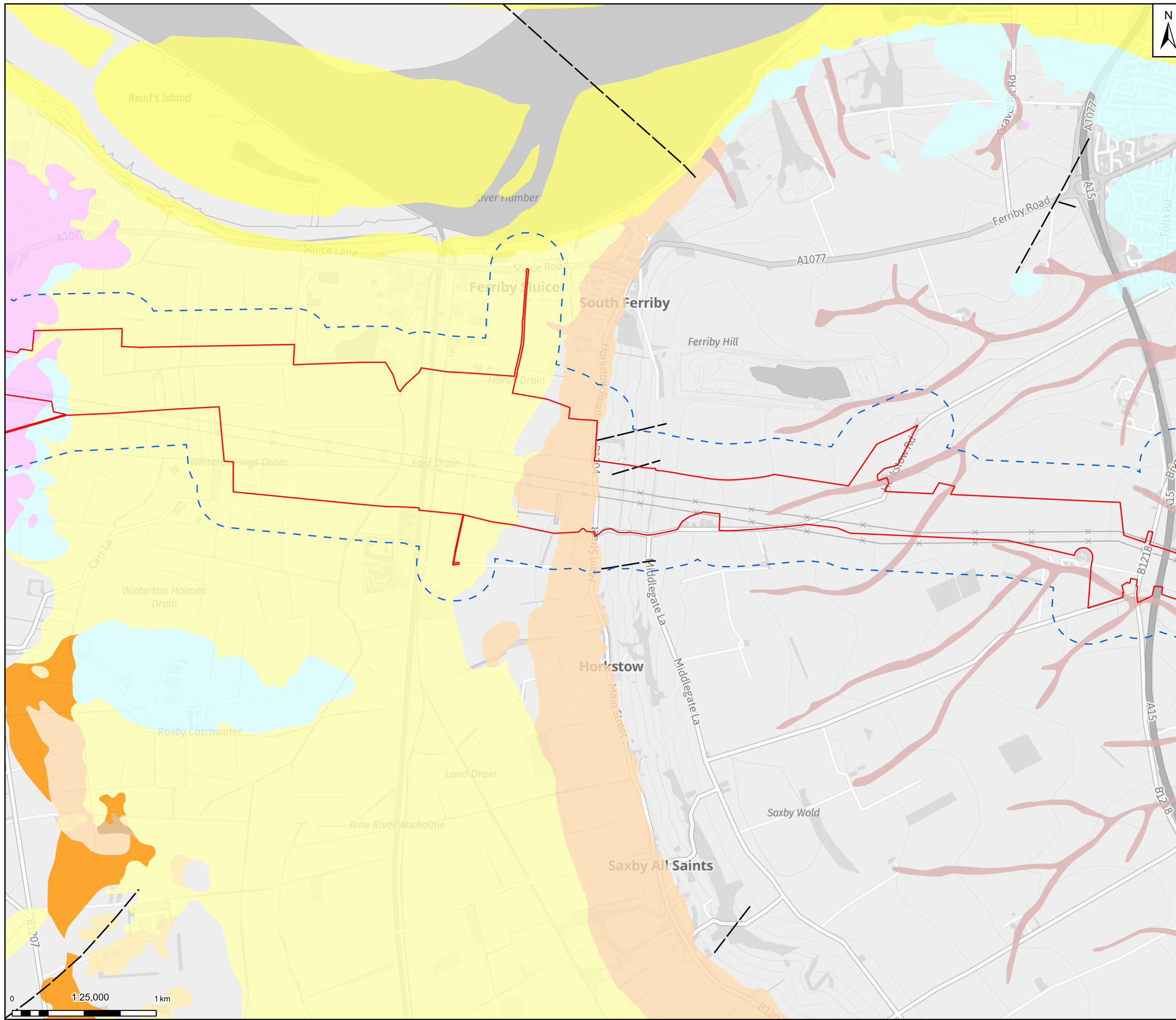
**Figure 10.1
Superficial Geology
Page 6 of 15**

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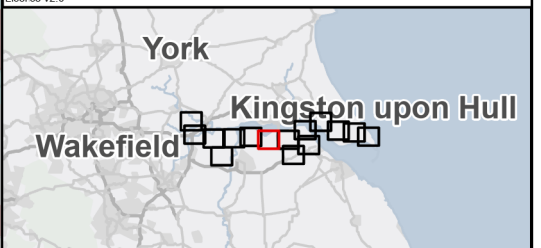
Legend

- Draft Order Limits
- 250m study area
- Linear Geology
- Fault Inferred

Superficial Geology

- Alluvium - Clay, Silt, Sand And Gravel
- Tidal Flat Deposits - Clay And Silt
- Brighton Sand Formation - Sand, Silty
- Glaciofluvial Deposits, Devensian - Sand And Gravel
- Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel
- Hemingbrough Glaciolacustrine Formation - Clay, Silty
- Till, Devensian - Diamicton
- Blown Sand - Sand
- Head - Clay, Silt, Sand And Gravel
- Peat - Peat
- Clay-With-Flints Formation - Clay, Silt, Sand And Gravel

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Site: Humber

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Chertsey Road
Sunbury On Thames
Middlesex
United Kingdom
TW16 7BP

Registered office: 80Fen, 80 Fenchurch Street, London EC3M 4BY
Coordinating Office: 5th Floor, 401 Faraday Street, Warrington WA3 6GA
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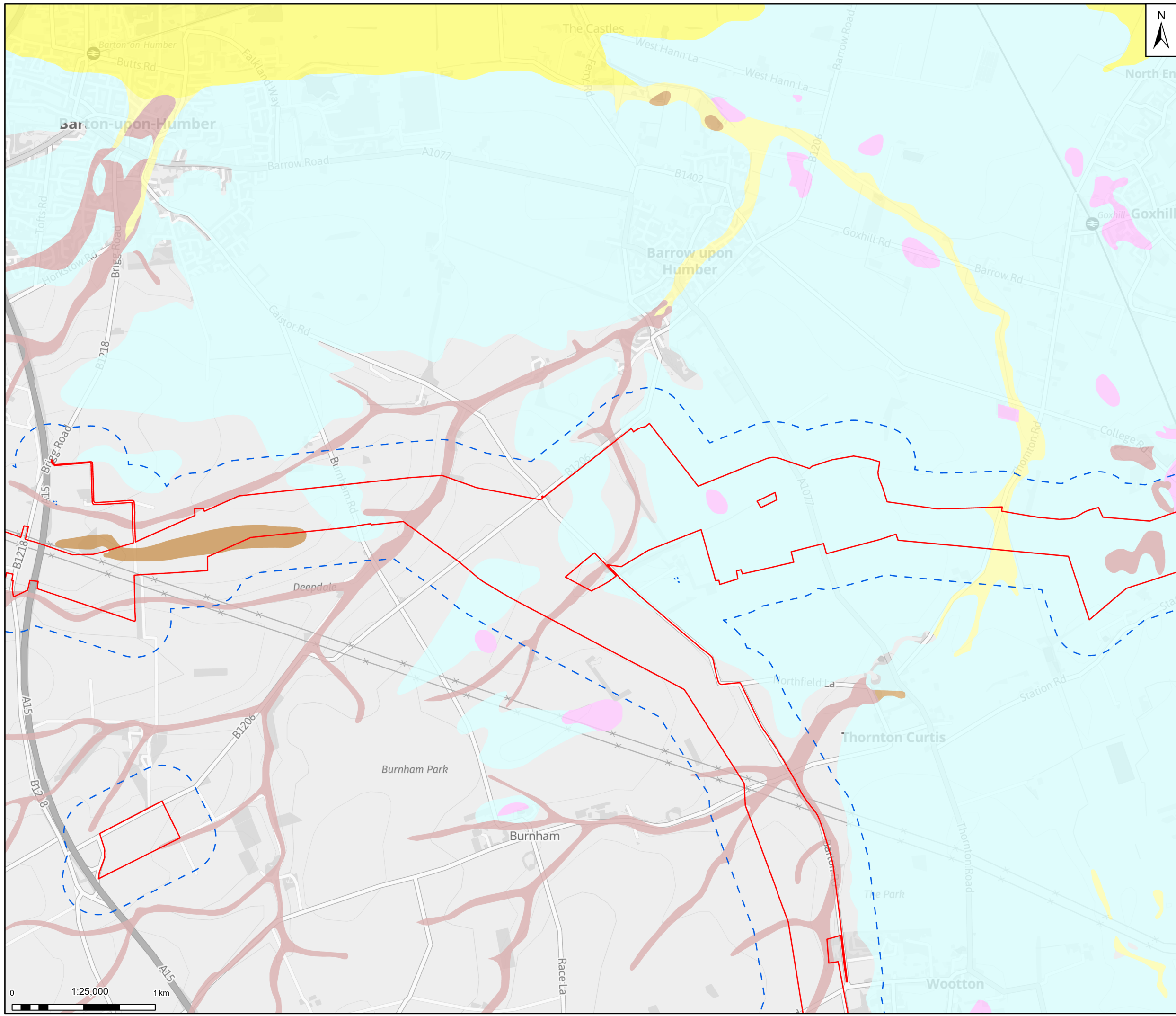
Title: **Figure 10.1 Superficial Geology Page 7 of 15**

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Approved	J.C.	Date: 30 SEP 25	Signed
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Suitability Code:	S2	Project Number:	30181090

Suitability Description: **For Information**

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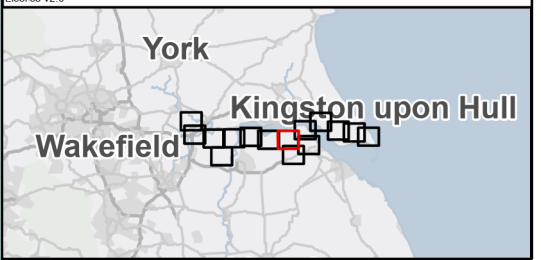
Legend

- Draft Order Limits
- 250m study area

Superficial Geology

- Alluvium - Clay, Silt, Sand And Gravel
- Tidal Flat Deposits - Clay And Silt
- Glaciofluvial Deposits, Devensian - Sand And Gravel
- Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel
- Till, Devensian - Diamicton
- Head - Clay, Silt, Sand And Gravel
- Peat - Peat
- Clay-With-Flints Formation - Clay, Silt, Sand And Gravel

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Client
Net Zero North Sea Storage Limited
Chartsey Road
Sainbury On Thames
Middlessex
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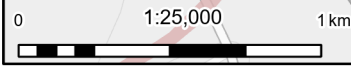
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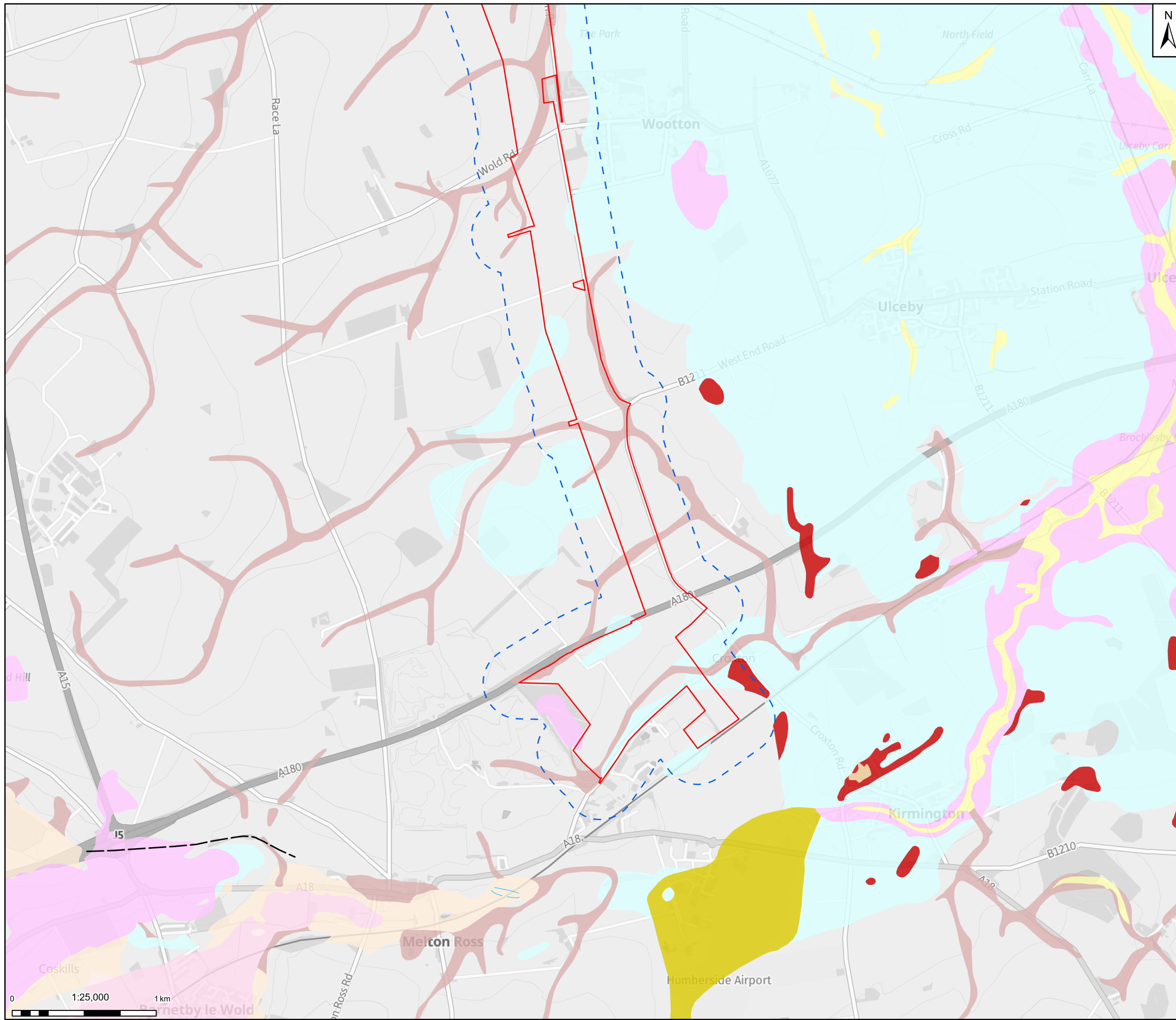
**Figure 10.1
Superficial Geology
Page 8 of 15**

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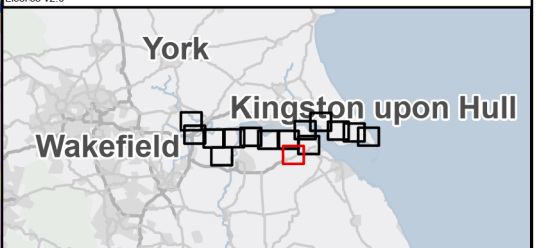




Legend

 Draft Order Limits	 Glaciofluvial Deposits, Mid Pleistocene - Sand And Gravel
 250m study area	 Till, Mid Pleistocene - Diamicton
Linear Geology	 Glaciofluvial Deposits - Clay And Silt
 Dune Line at base	 Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel
 Fault Inferred	 Sutton Sand Formation - Sand
Superficial Geology	 Till, Devensian - Diamicton
 Alluvium - Clay, Silt, Sand And Gravel	 Interglacial Lacustrine Deposits - Clay And Silt
 Glaciofluvial Deposits, Devensian - Sand And Gravel	 Glaciofluvial Deposits, 1 - Clay And Silt
 Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel	 Head - Clay, Silt, Sand And Gravel
 Sutton Sand Formation - Sand	 Interglacial Beach Deposits - Sand And Gravel
 Till, Devensian - Diamicton	 Peat - Peat

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Humber

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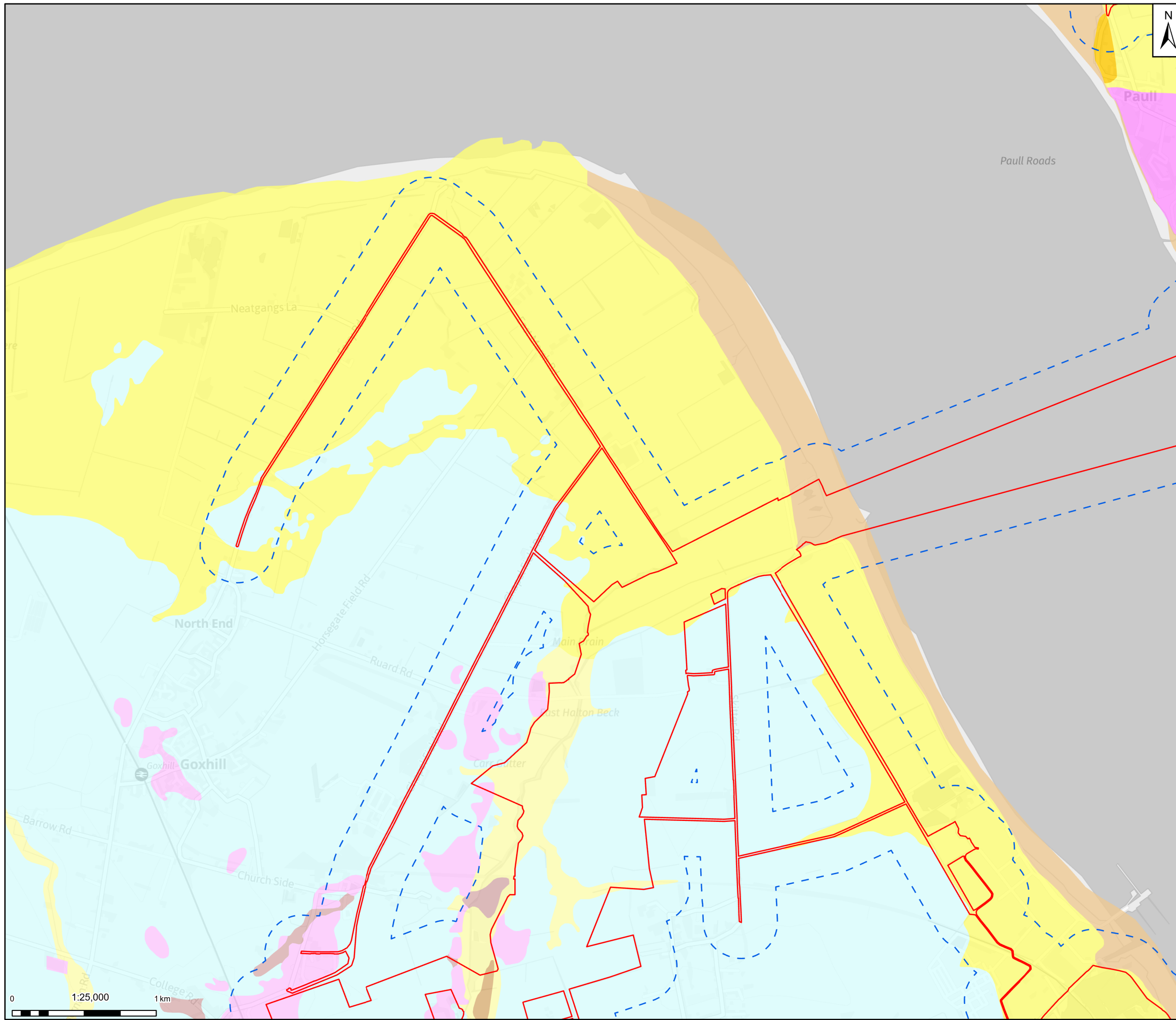
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**Figure 10.1
Superficial Geology
Page 9 of 15**

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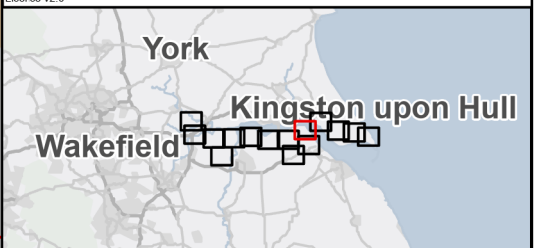
Legend

- Draft Order Limits
- 250m study area

Superficial Geology


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- Tidal Flat Deposits - Clay And Silt
- Glaciofluvial Deposits, Devensian - Sand And Gravel
- Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel
- Kelsey Hill Gravels (Beds) - Clay And Silt
- Kelsey Hill Gravels (Beds) - Sand And Gravel
- Till, Devensian - Diamicton
- Beach And Tidal Flat Deposits (Undifferentiated) - Clay, Silt And Sand
- Head - Clay, Silt, Sand And Gravel
- Peat - Peat

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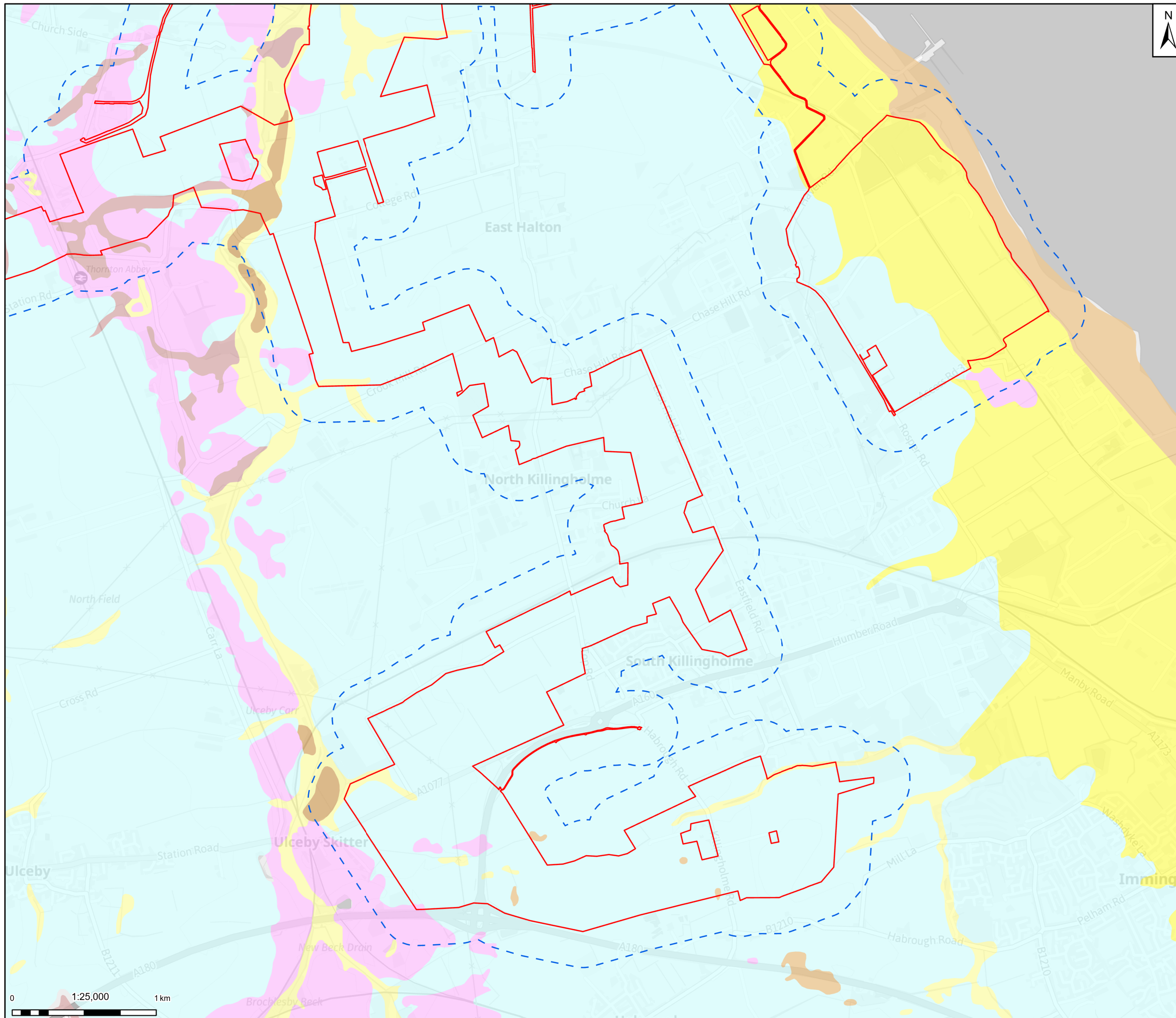
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**Figure 10.1
Superficial Geology
Page 10 of 15**

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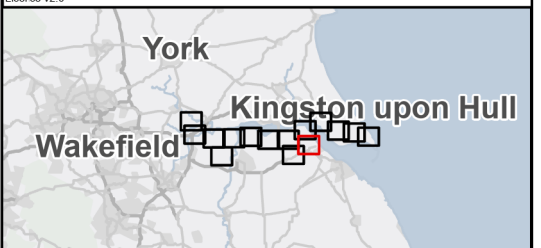
Legend

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- 250m study area

Superficial Geology


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- Tidal Flat Deposits - Clay And Silt
- Glaciofluvial Deposits, Devensian - Sand And Gravel
- Glaciofluvial Sheet Deposits, Devensian - Sand And Gravel
- Till, Devensian - Diamicton
- Beach And Tidal Flat Deposits (Undifferentiated) - Clay, Silt And Sand
- Head - Clay, Silt, Sand And Gravel
- Lacustrine Deposits - Sand, Silt And Clay
- Peat - Peat

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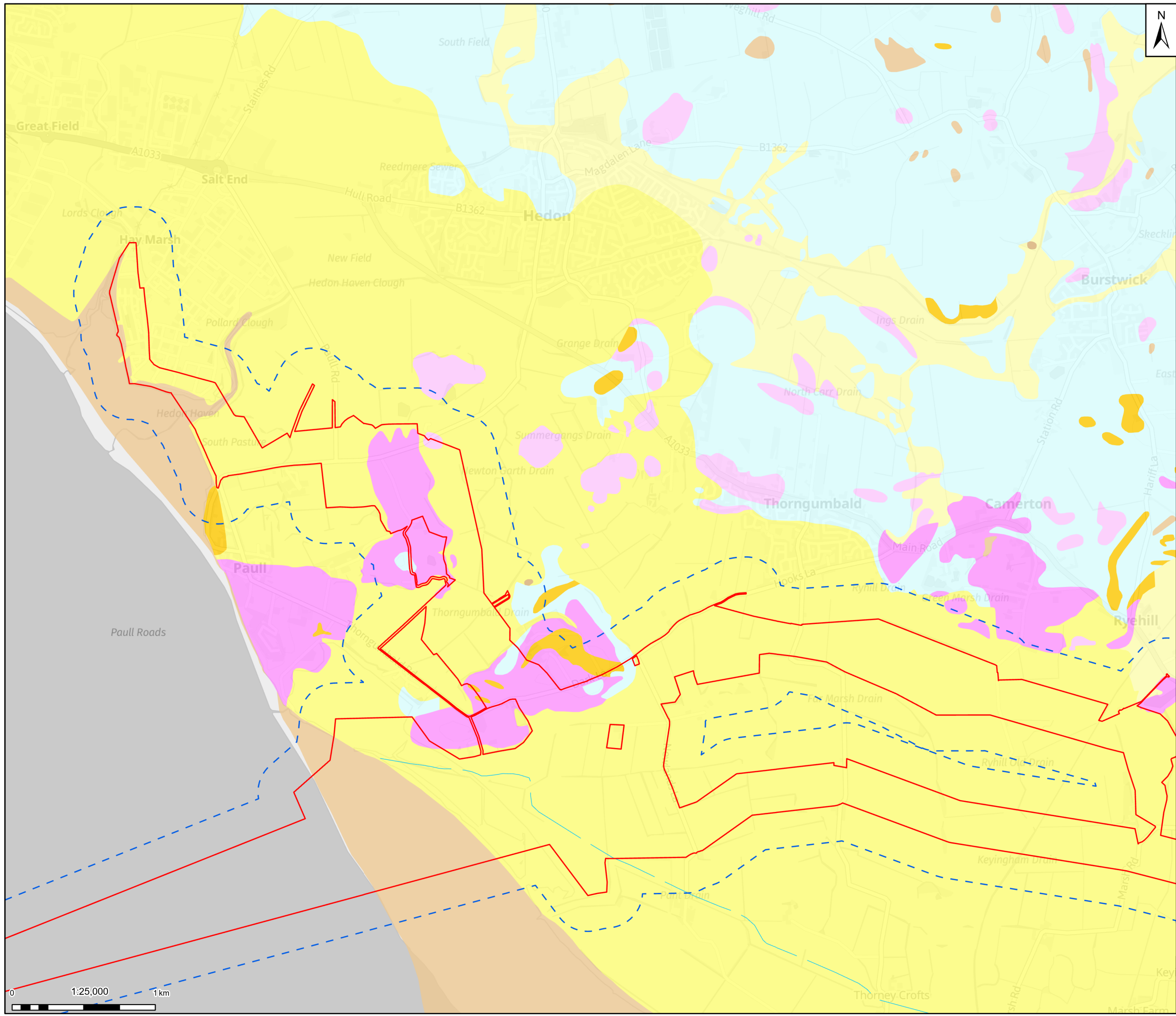
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**Figure 10.1
Superficial Geology
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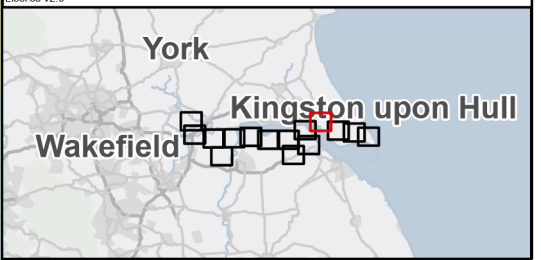
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Suitability Code:	S2	Project Number:	30181090

Suitability Description: **For Information**

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- Legend**
- Draft Order Limits
 - 250m study area
 - Linear Geology**
 - Backfeature Former coast
 - Superficial Geology**
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 - Tidal Flat Deposits - Sand And Gravel
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 - Kelsey Hill Gravels (Beds) - Clay And Silt
 - Kelsey Hill Gravels (Beds) - Sand And Gravel
 - Till, Devensian - Diamicton
 - Beach And Tidal Flat Deposits (Undifferentiated) - Clay, Silt And Sand
 - Lacustrine Deposits - Sand, Silt And Clay
 - Peat - Peat
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Client:




Northern Endurance Partnership

PROJECT:
HUMBER CARBON CAPTURE PIPELINE

Site
Humber

Client
Net Zero North Sea Storage Limited
Chertsey Road
Sunbury On Thames
Middlesex
United Kingdom
TW16 7BP



Registered office:
80Fen
80 Fenchurch Street
London
EC3M 4BY

Coordinating Office:
5th Floor
401 Faraday Street
Warrington
WA3 6GA

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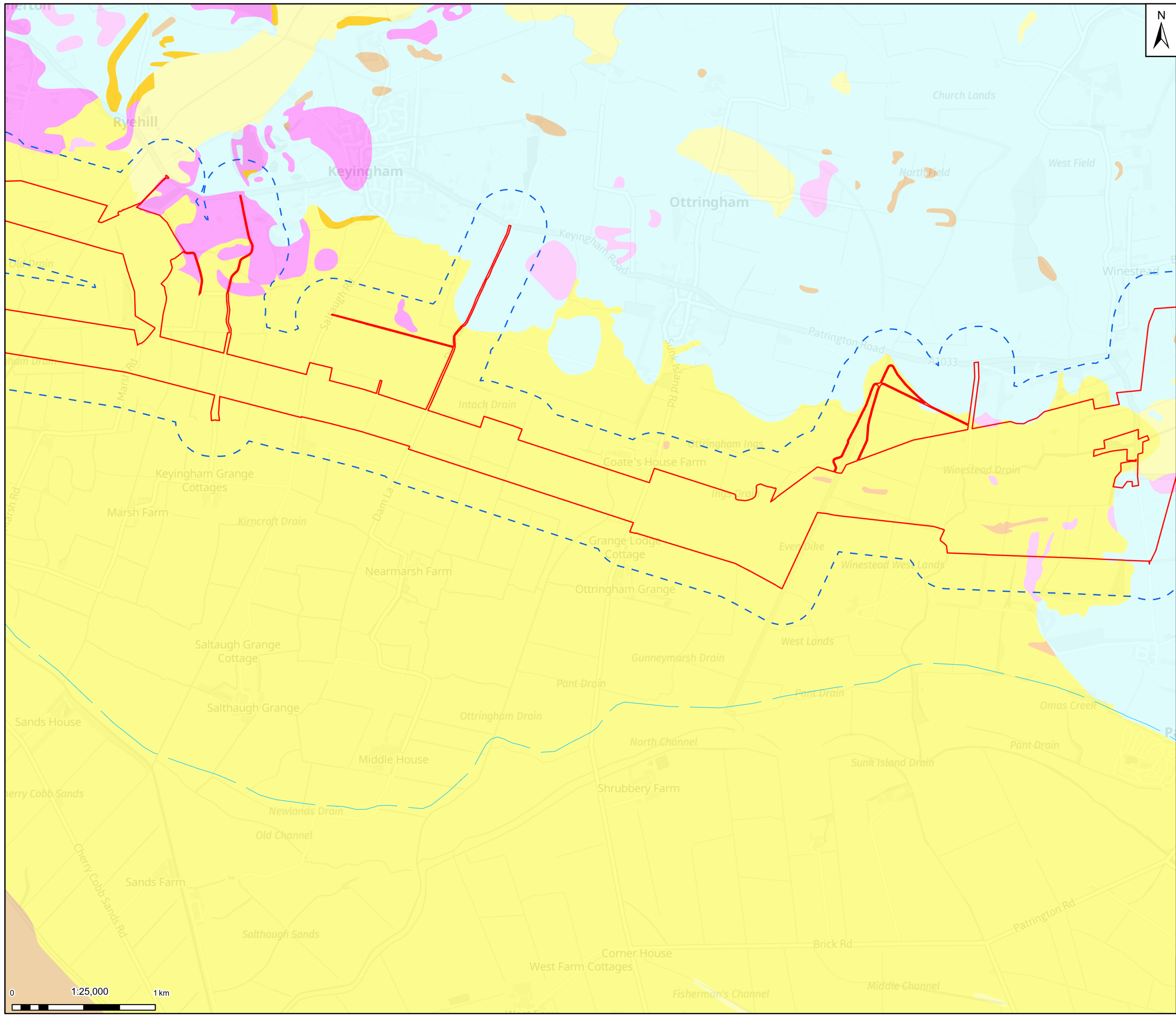
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**Figure 10.1
Superficial Geology
Page 12 of 15**

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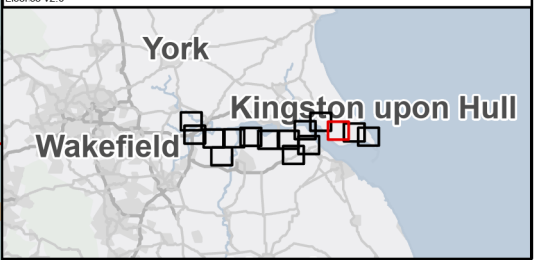
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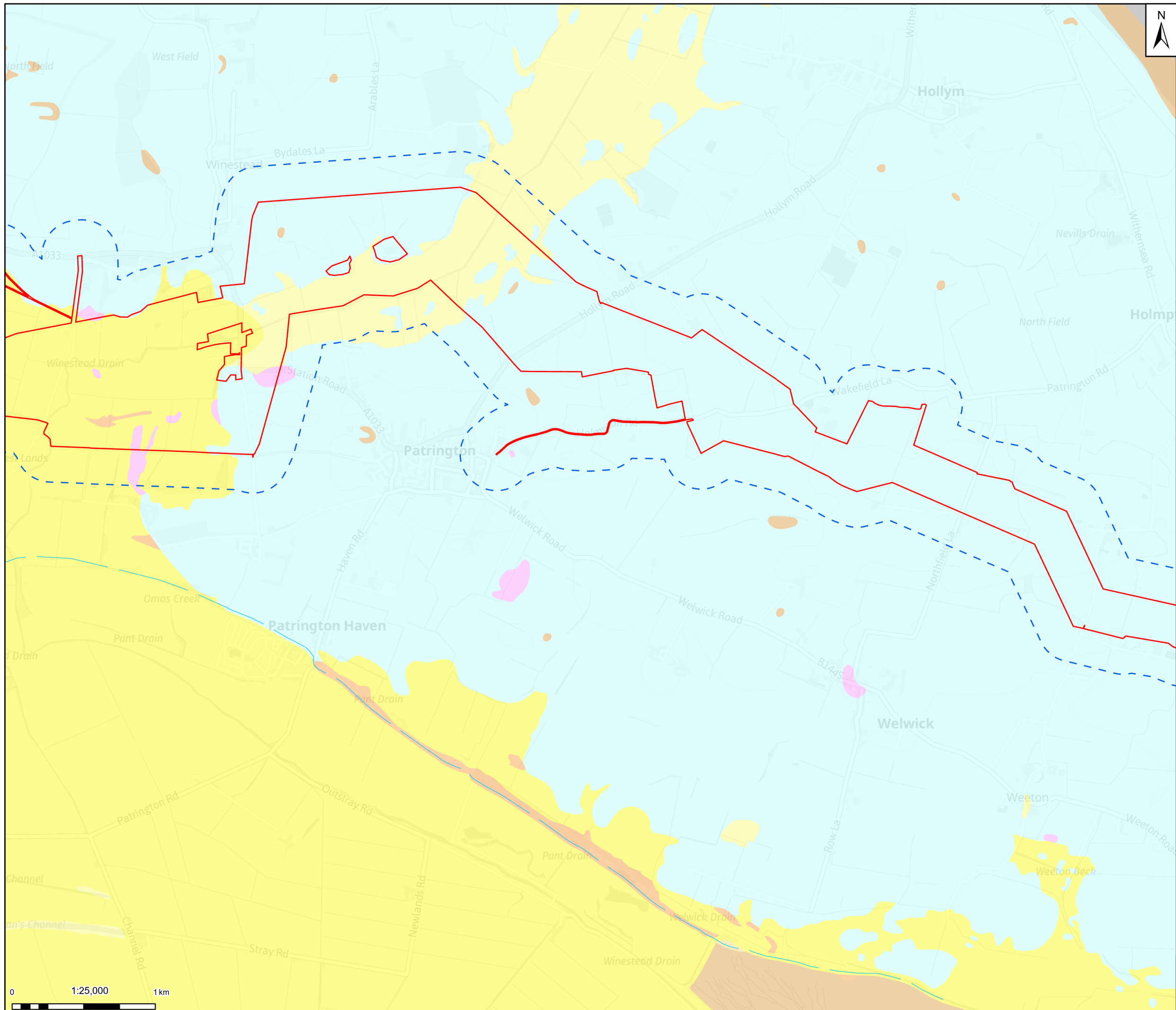
**Figure 10.1
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Page 13 of 15**

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Legend

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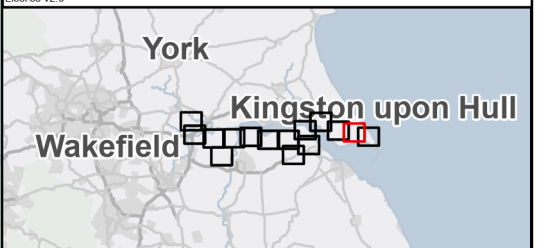
Linear Geology

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Superficial Geology

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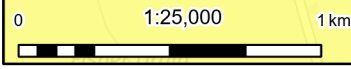
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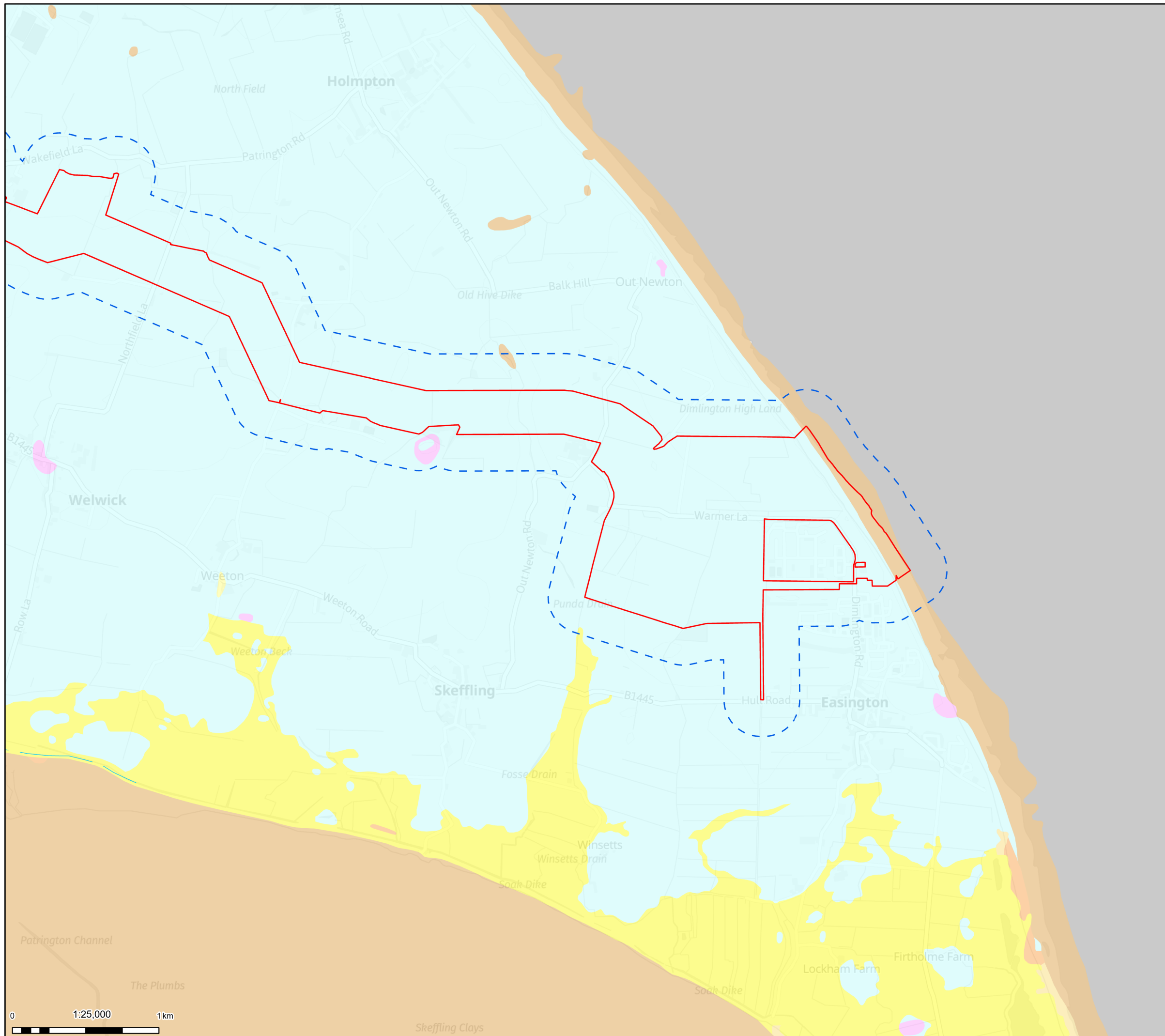
**Figure 10.1
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Page 14 of 15**

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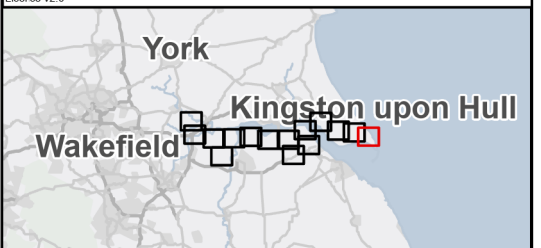




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