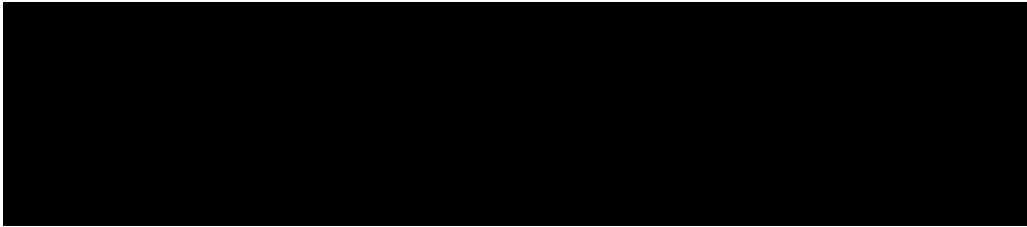


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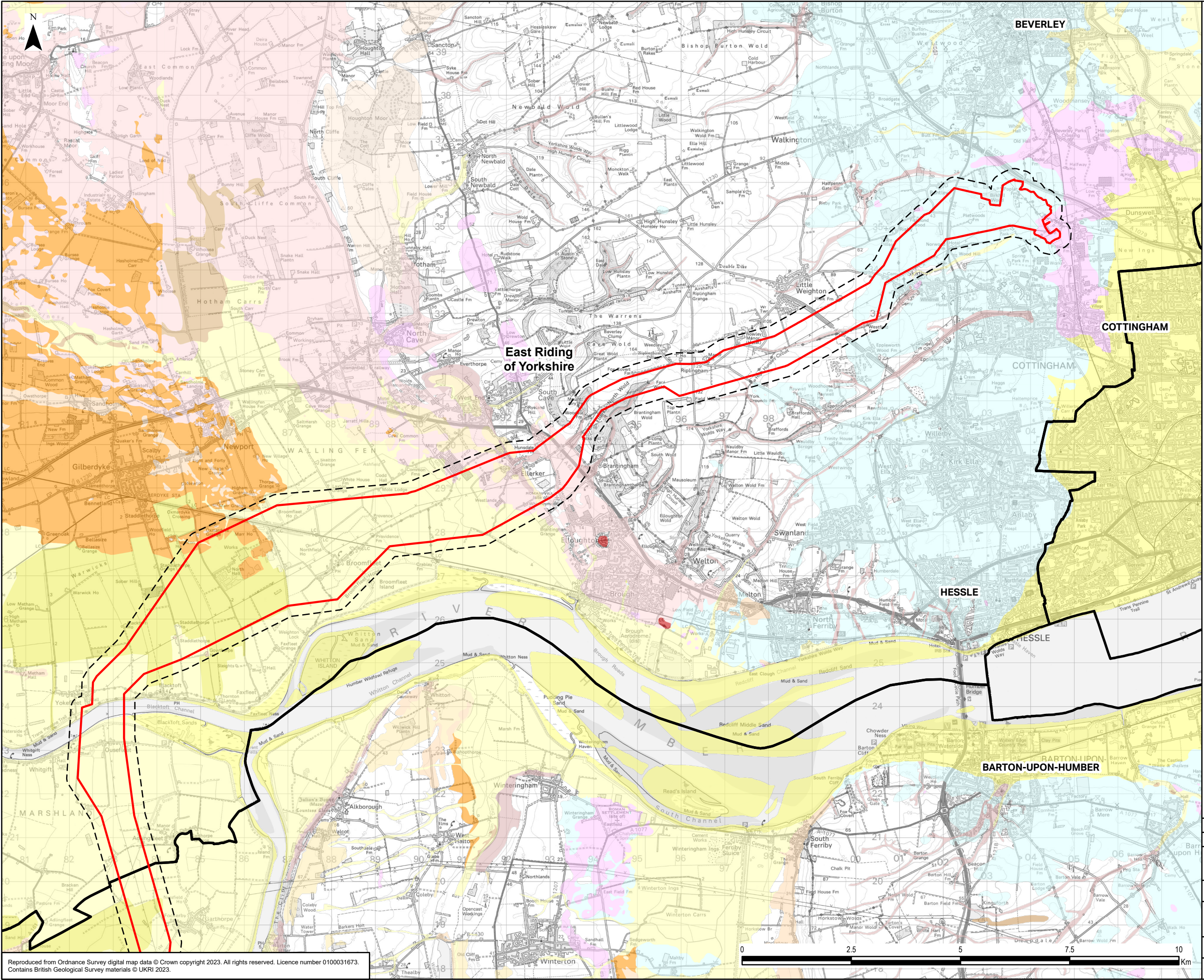


# Contents

**Figure 11-1. Superficial Geology**

**Figure 11-2. Bedrock Geology**





**Legend**

Scoping Boundary

Study Area

Local Authority Boundary

**Superficial Geology**

Alluvium - clay, silt, sand and gravel

Balderton sand and gravel member - sand and gravel

Beach and tidal flat deposits (undifferentiated) - clay, silt and sand

Blown sand - sand

Brighton sand formation (sand)

Clay with flints formation - clay, silt, sand and gravel

Escrick moraine member - sand, gravelly

Glaciofluvial deposits, Devensian - sand and gravel

Glaciolacustrine deposits - clay and silt

Glaciolacustrine deposits - sand and gravel

Glaciolacustrine Deposits, 1 - clay and silt

Head - clay, silt, sand and gravel

Hemingbrough glaciolacustrine formation - clay, silty

Interglacial beach deposits - sand and gravel

Peat - peat

River terrace deposits, 1 - sand and gravel

Sutton sand formation - sand

Tidal flat deposits - clay and silt

Till, devensian - diamicton

Warp - clay and silt

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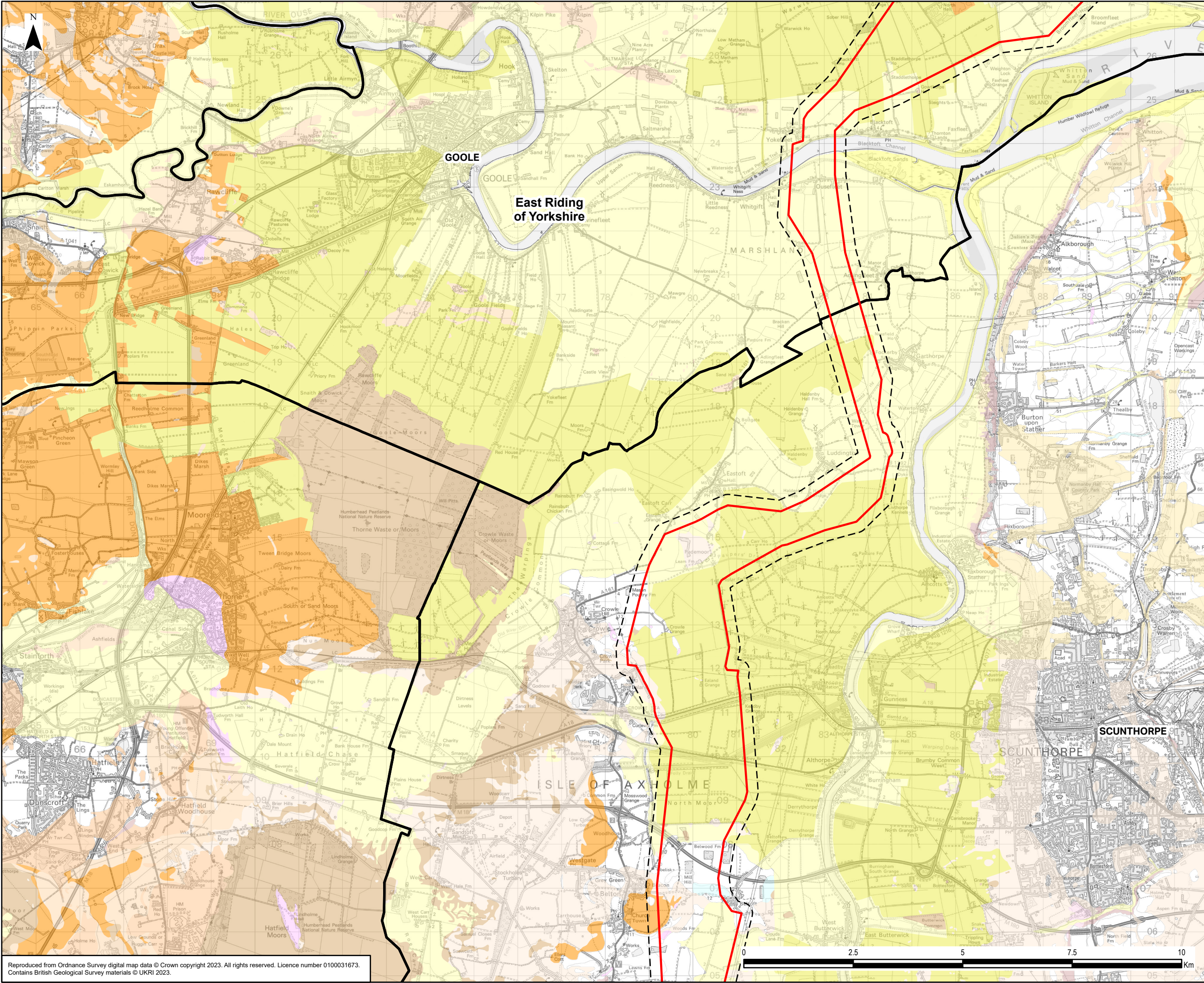
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**Legend**

Scoping Boundary

Study Area

Local Authority Boundary

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Alluvium - clay, silt, sand and gravel

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Tidal flat deposits - clay and silt

Till, devensian - diamicton

Warp - clay and silt

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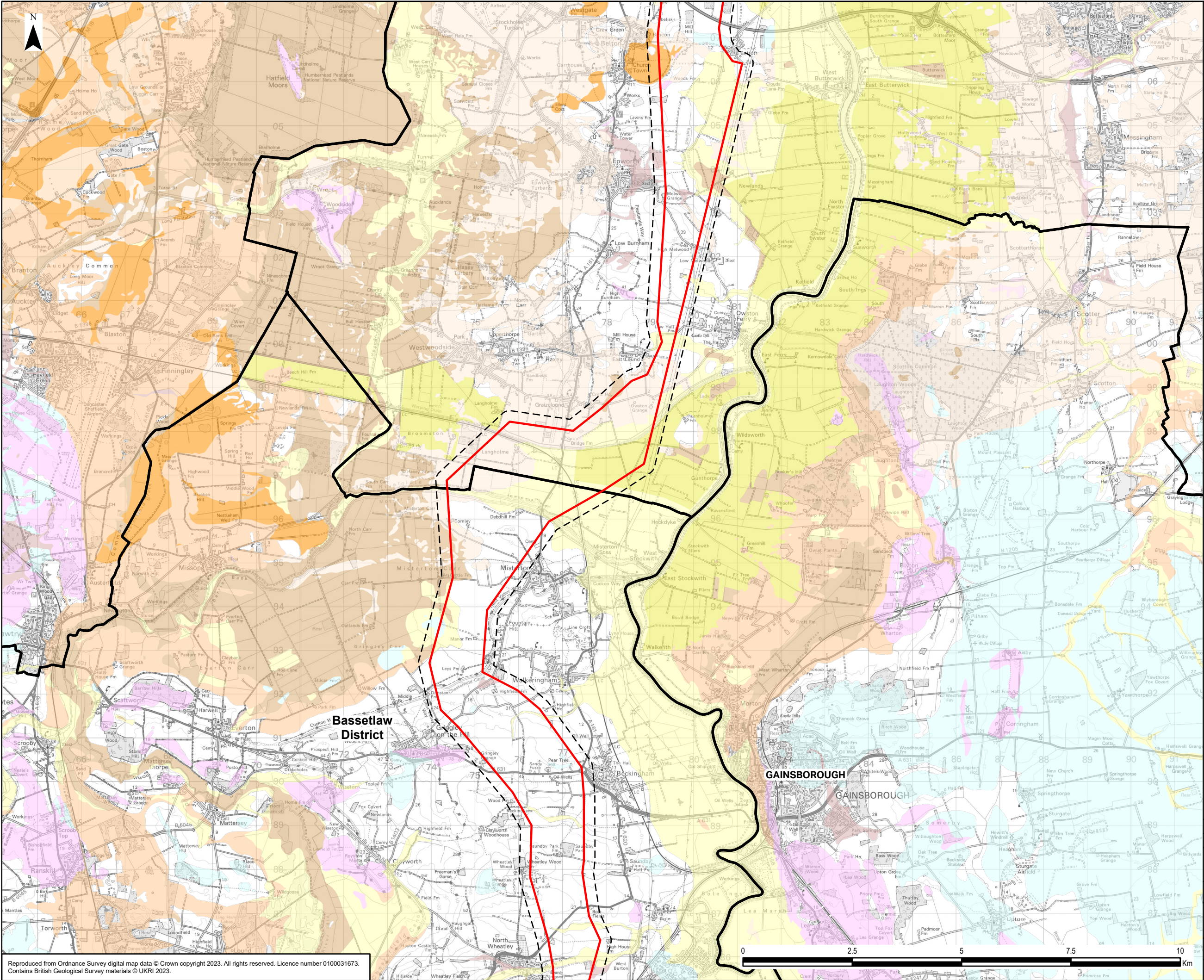
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**Legend**

Scoping Boundary

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Till, devensian - diamicton

Warp - clay and silt

3

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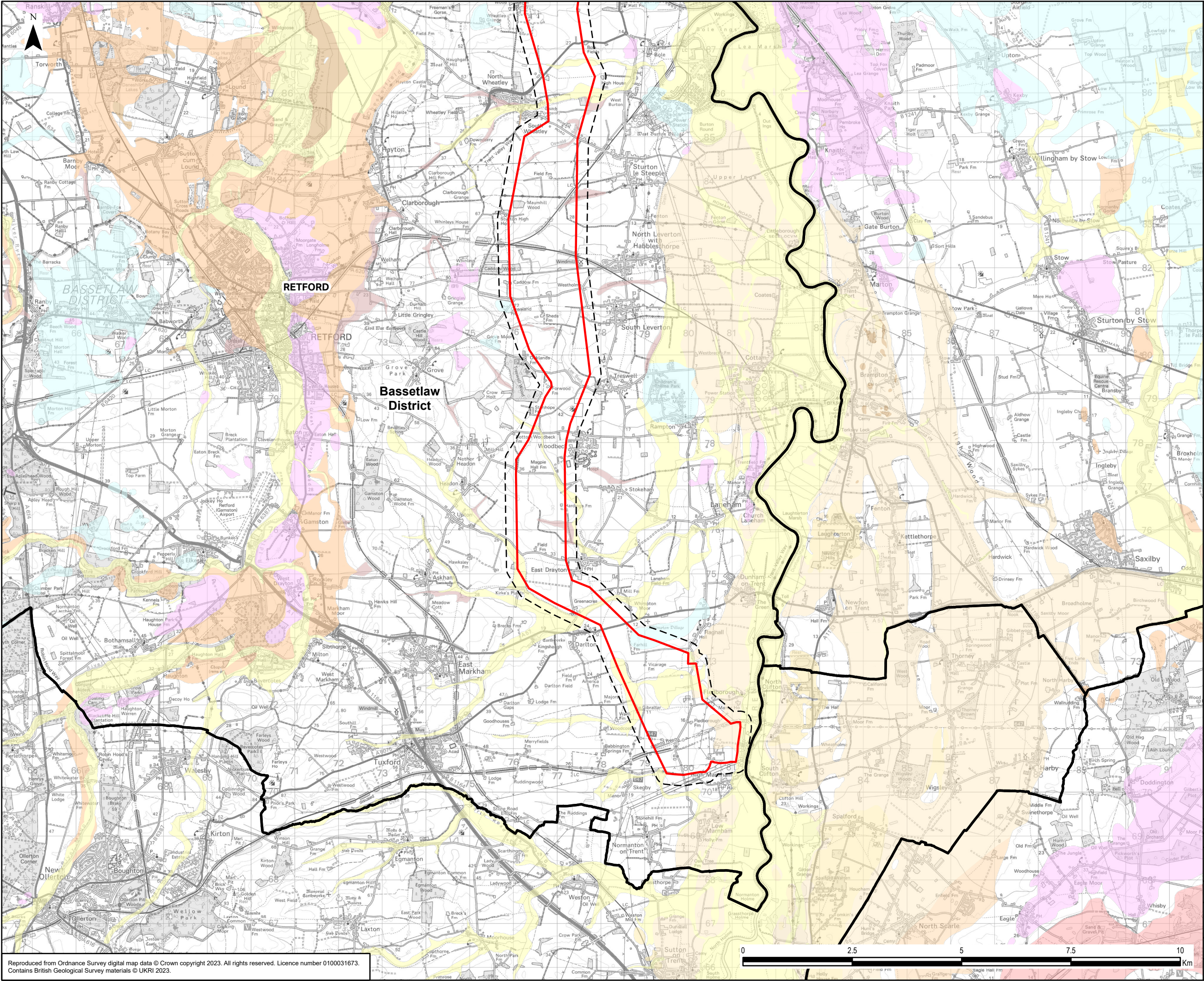
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**Legend**

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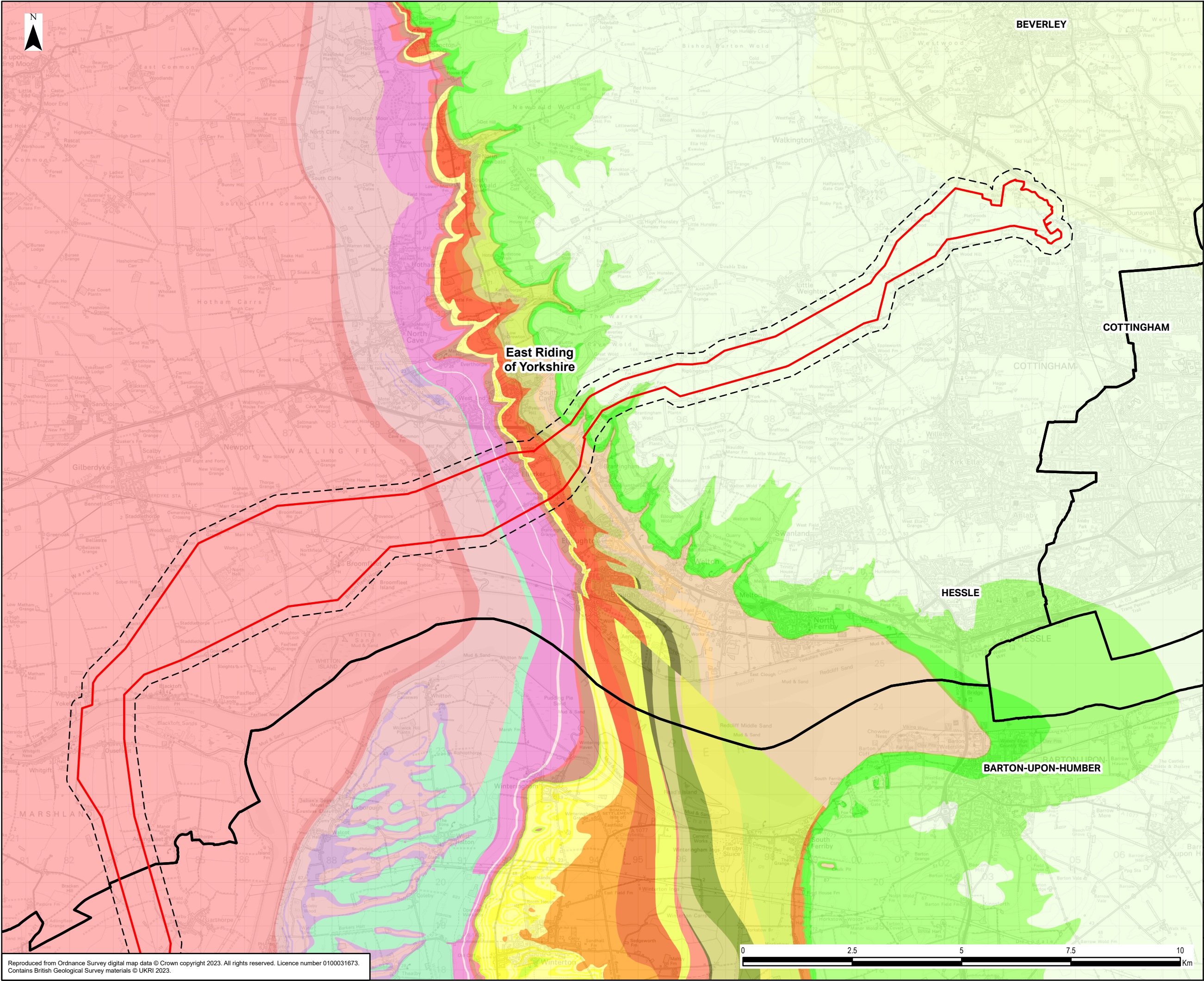
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**Legend**

Scoping Boundary

Study Area

Local Authority Boundary

**Bedrock Geology**

Ampthill clay formation - mudstone

Burham chalk formation - chalk

Charmouth mudstone formation - mudstone

Chester formation - sandstone, pebbly (gravelly)

Clarlborough member - siltstone, dolomitic

Ferriby charlk formation - chalk

Frodingham ironstone member - ironstone

Grantham formation - sandstone, siltstone and mudstone

Hibaldstow limestone - limestone ooidal

Kellaways sand member - sandstone

Mercia mudstone group - mudstone

Oxford clay formation - mudstone

Pecten ironstone (bed) - ironstone

Penarth group - mudstone

Retford member - mudstone

Rutland formation, Blisworth limestone formation and Blisworth clay formation

Scunthorpe mudstone formation - limestone

Scunthorpe mudstone formation - mudstone amd limestone, interbedded

Tarporley siltstone formation - siltstone, mudstone and sandstone

Welton chalk formation - chalk

West Walton formation - mudstone and siltstone

Whitby mudstone formation - mudstone

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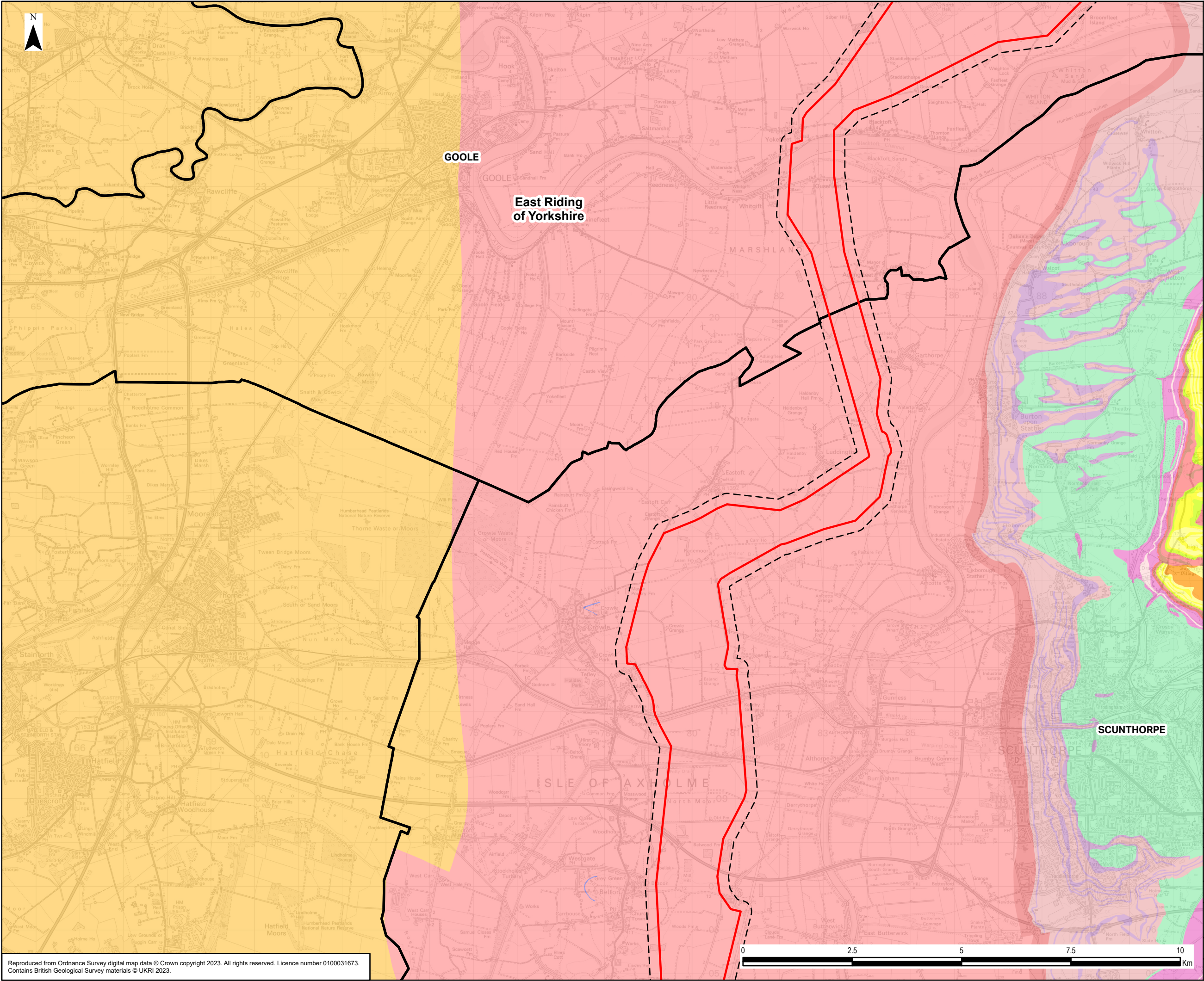
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**Legend**

- Scoping Boundary
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**Bedrock Geology**

- Ampthill clay formation - mudstone
- Burham chalk formation - chalk
- Charmouth mudstone formation - mudstone
- Chester formation - sandstone, pebbly (gravelly)
- Clarborough member - siltstone, dolomitic
- Ferriby charlk formation - chalk
- Frodingham ironstone member - ironstone
- Grantham formation - sandstone, siltstone and mudstone
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- Scunthorpe mudstone formation - mudstone amd limestone, interbedded
- Tarporley siltstone formation - siltstone, mudstone and sandstone
- Welton chalk formation - chalk
- West Walton formation - mudstone and siltstone
- Whitby mudstone formation - mudstone

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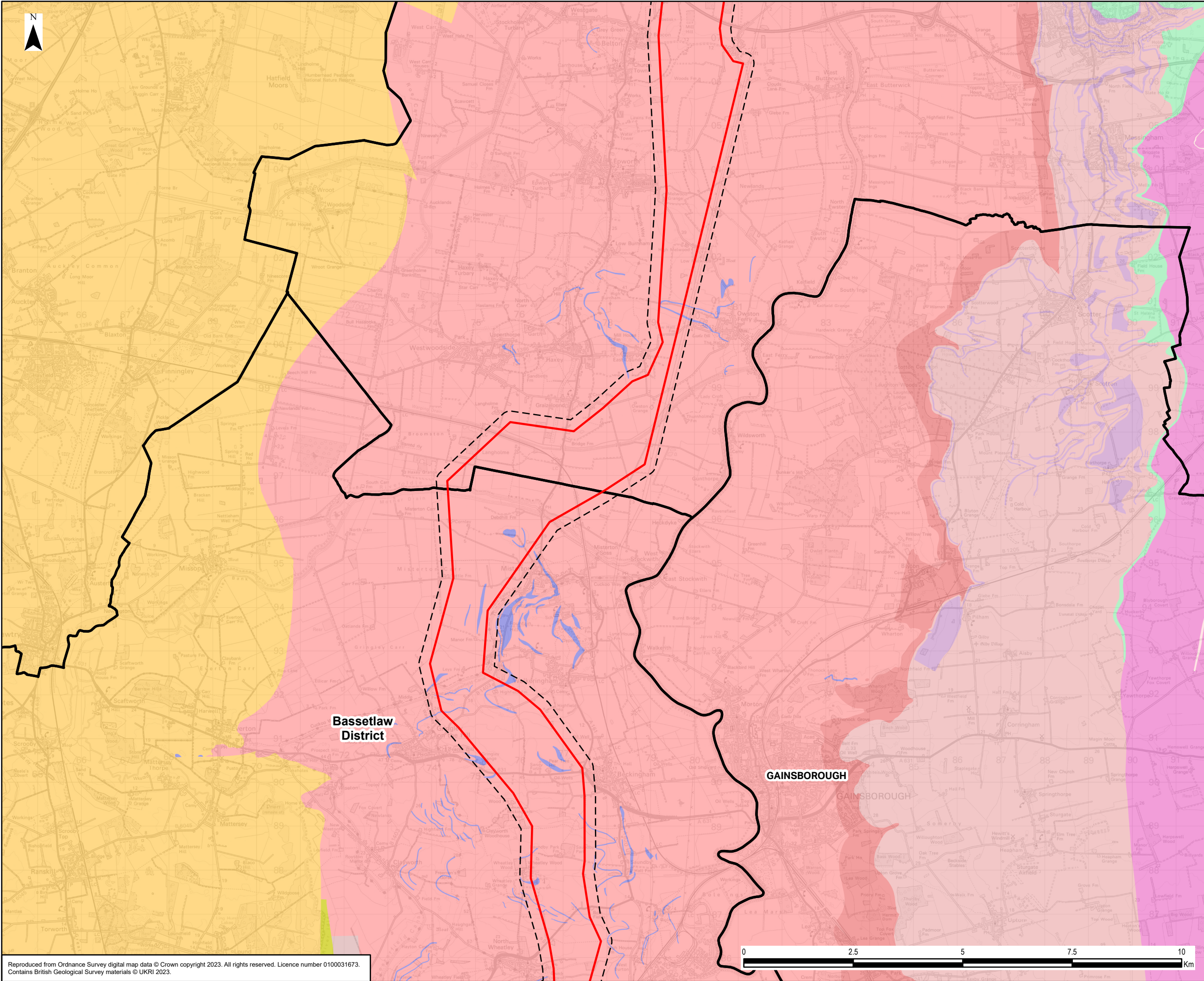
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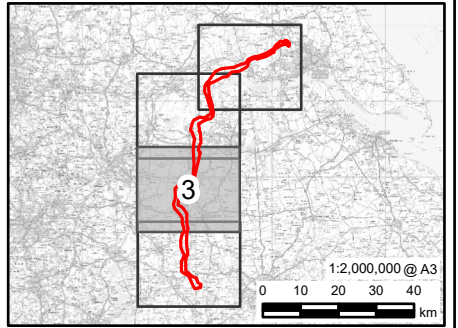
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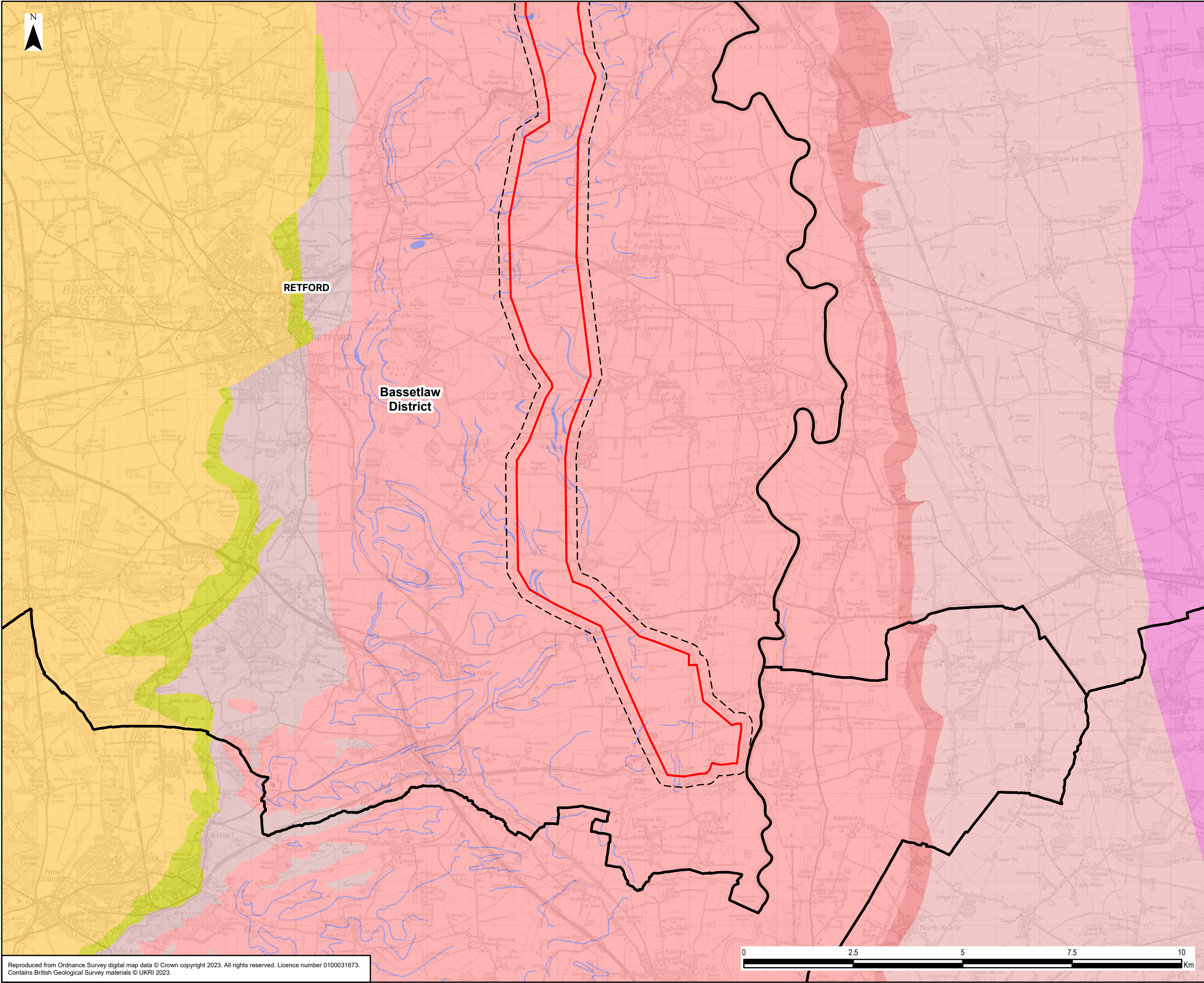
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  - West Walton formation - mudstone and siltstone
  - Whitby mudstone formation - mudstone



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