



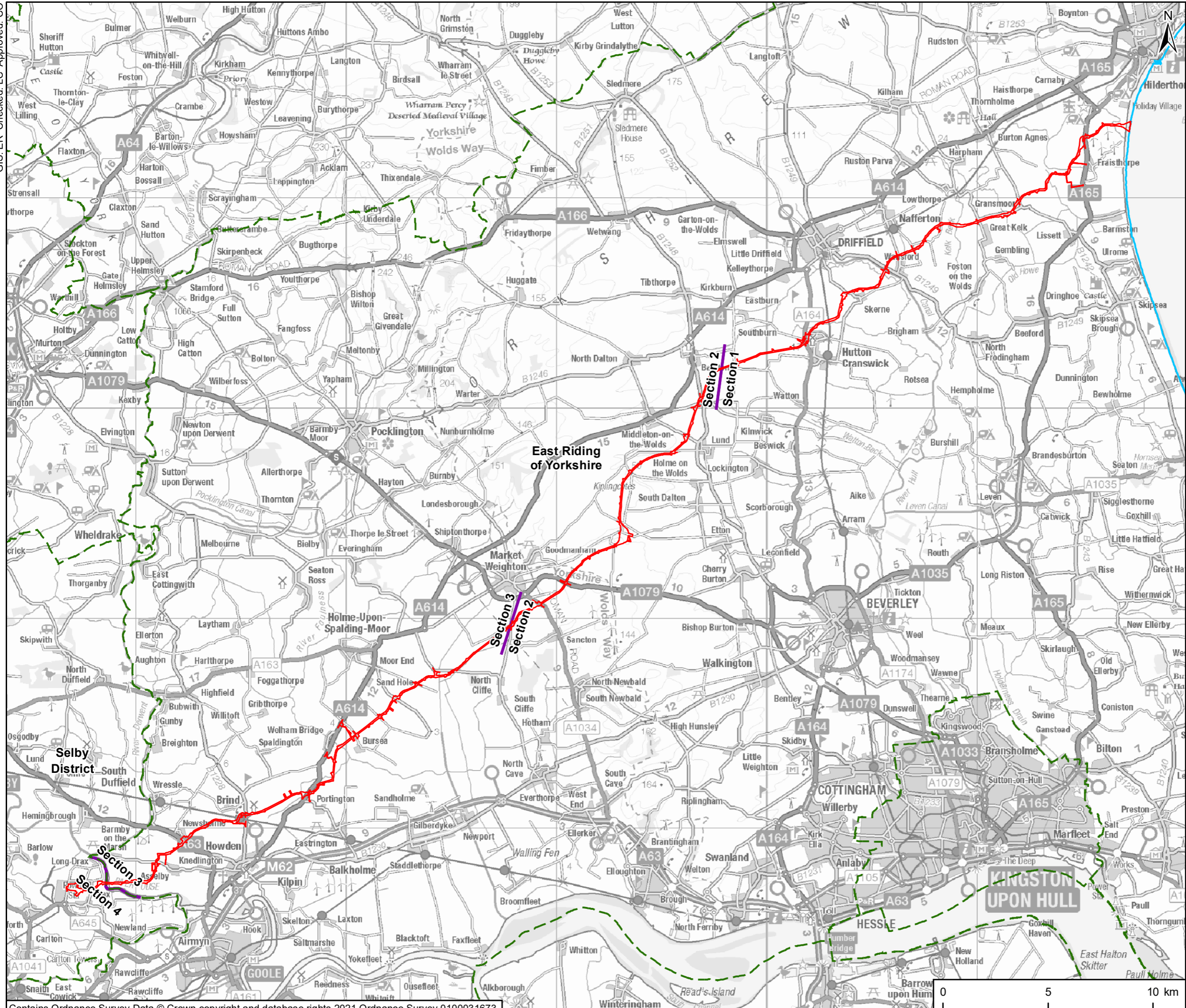


PROJECT
Scotland England Green Link 2

- KEY
-  Planning Application Boundary
 -  Mean Low Water Springs
 -  District Borough Unitary Boundary
 -  Route Section Break



TITLE
**Figure 10-1
Study Area**

REFERENCE
SEGL2_T_ES_10-1_v2_20220530

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS:ER Checked: LC Approved: CO

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break

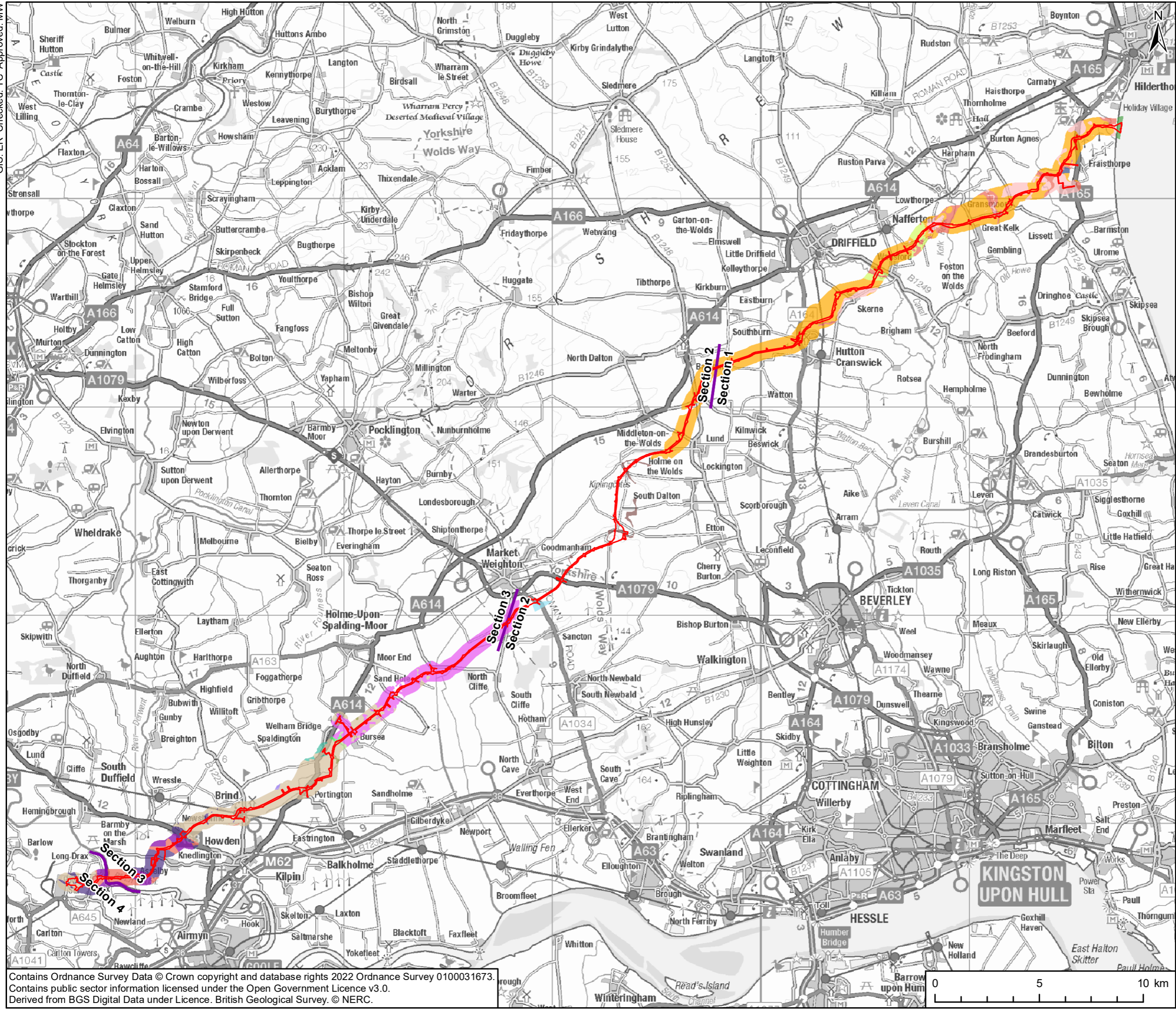
- Superficial Geology 50k (BGS)
- Alluvium - Clay, Silt, Sand and Peat
 - Alluvium - Clay, Peat and Silt
 - Alluvium - Clay, Silt, Sand and Gravel
 - Bielby Sand Member - Sand, Clayey
 - Bielby Sand Member - Sand, Silty
 - Brighton Sand Formation - Sand
 - Brighton Sand Formation - Sand, Silty
 - Glaciofluvial Deposits, Devensian - Sand and Gravel
 - Head - Clay, Silt, Sand and Gravel
 - Hemingbrough Glaciolacustrine Formation - Clay, Silty
 - Marine Beach Deposits - Sediment, Shell (Shells)
 - Peat - Peat
 - River Terrace Deposits (Undifferentiated) - Sand and Gravel
 - Sand and Gravel of Uncertain Age and Origin - Sand and Gravel
 - Sutton Sand Formation - Sand
 - Thorganby Clay Member - Clay, Silty
 - Till, Devensian - Diamicton
 - Warp - Clay and Silt

TITLE
**Figure 10-2
Superficial Deposits**

REFERENCE
SEGL2_T_ES_10-2_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022



Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

Coordinate System: British National Grid

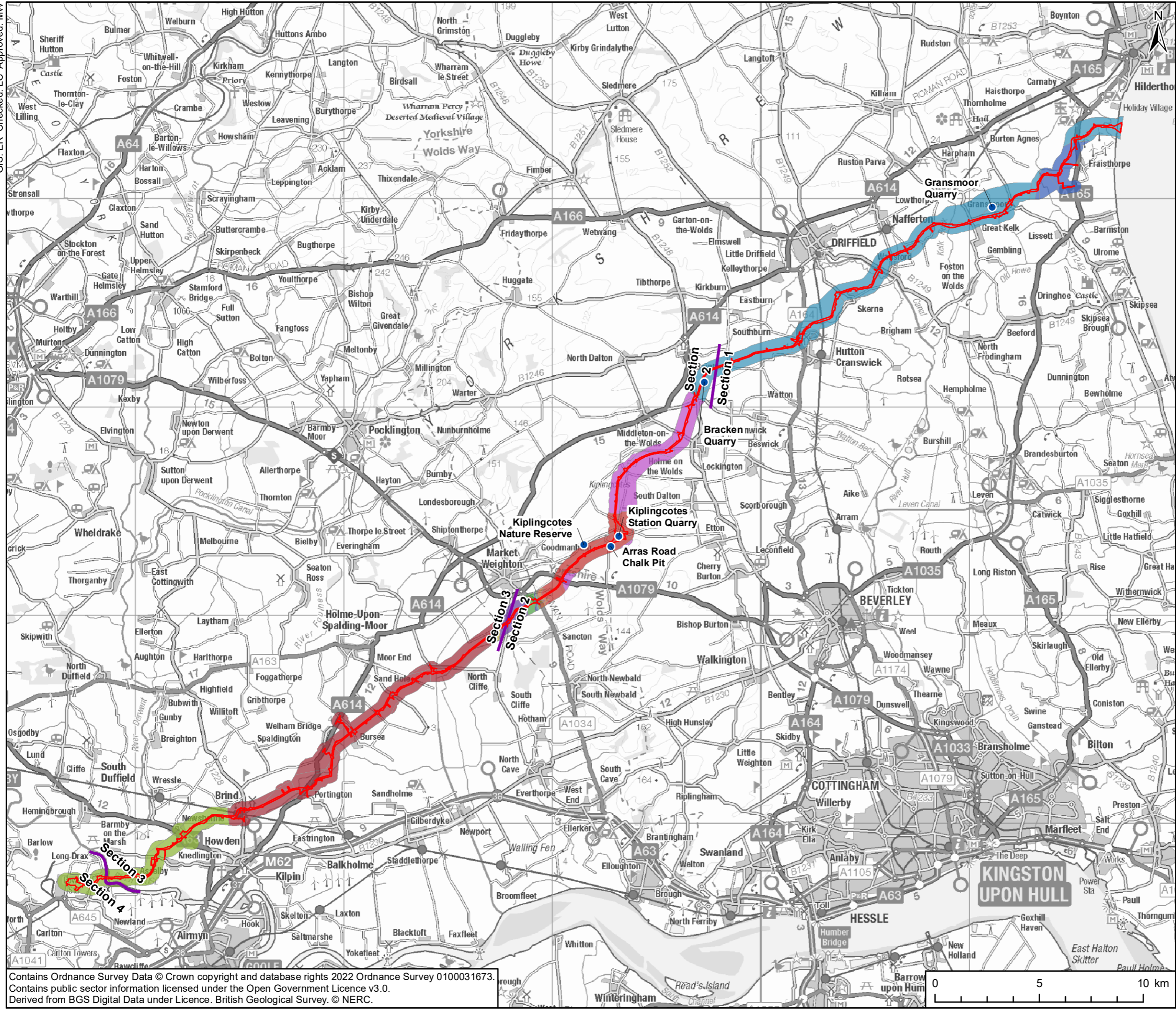
Scale @ A3 1:170,000

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: TC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break
 - Regionally Important Geological Site
- Bedrock Geology 50k (BGS)
- Burnham Chalk Formation - Chalk
 - Charmouth Mudstone Formation - Mudstone
 - Ferriby Chalk Formation - Chalk
 - Flamborough Chalk Formation - Chalk
 - Hunstanton Formation - Chalk
 - Marlstone Rock Formation - Ferruginous Limestone and Ferruginous Sandstone
 - Mercia Mudstone Group - Mudstone
 - Penarth Group - Mudstone
 - Ravenshorpe Beds and Kirton Cementstone Beds (Undifferentiated) - Limestone and [Subequal/Subordinate] Argillaceous Rocks, Interbedded
 - Rowe Chalk Formation - Chalk
 - Scunthorpe Mudstone Formation - Mudstone and Limestone, Interbedded
 - Sherwood Sandstone Group - Sandstone
 - Upper Lincolnshire Limestone Member - Limestone, Ooidal
 - Welton Chalk Formation - Chalk
 - Whitby Mudstone Formation - Mudstone



TITLE
**Figure 10-3
Bedrock Deposits**

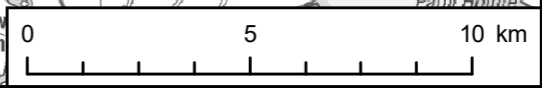
REFERENCE
SEGL2_T_ES_10-3_v5_20220531

SHEET NUMBER
1 of 1

DATE
31/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

Coordinate System: British National Grid



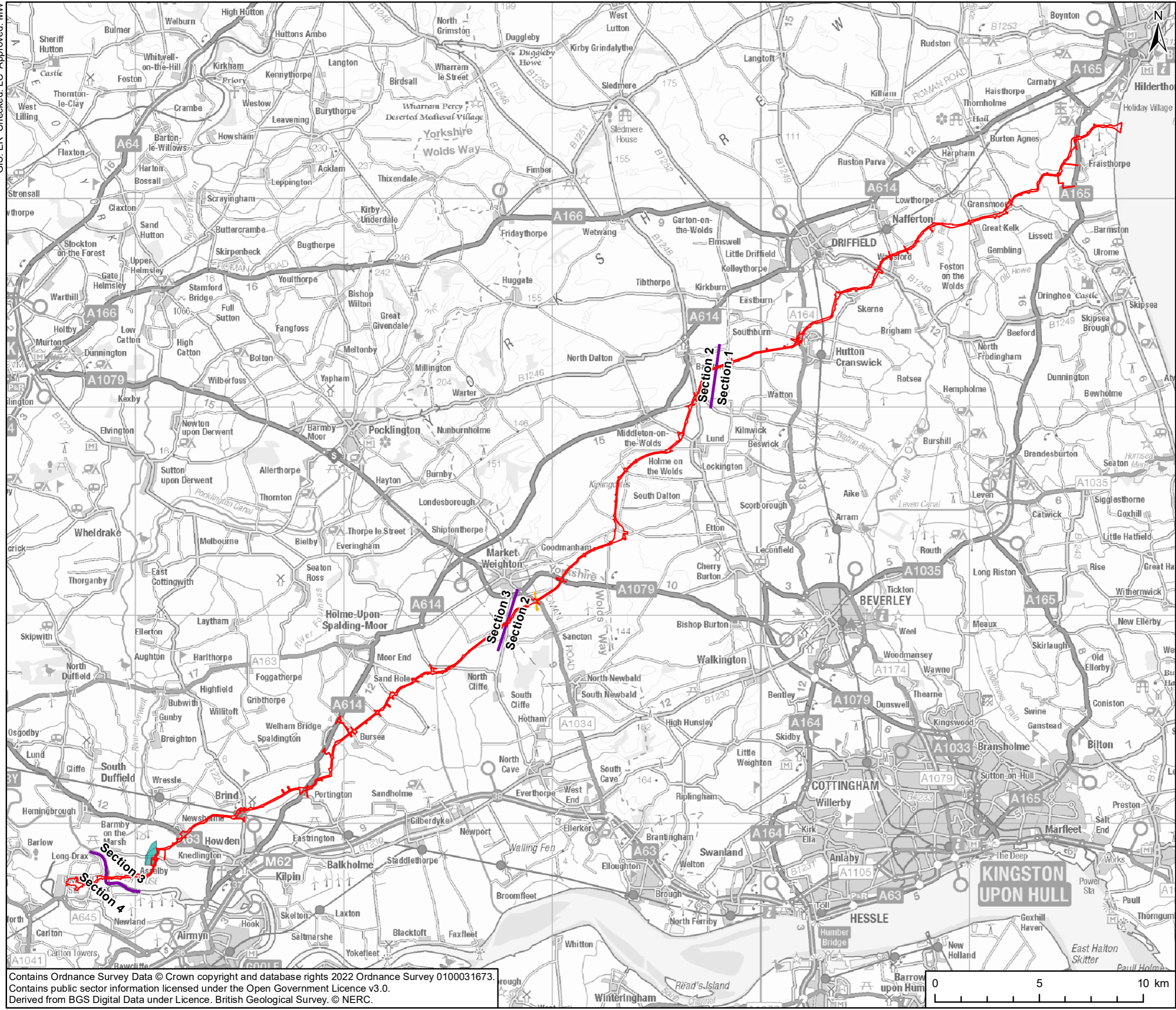
Scale @ A3 1:170,000

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break
 - Non Coal Mining Feature (BGS)
 - A
 - Coal Mining (CA)
 - Coal Mine Reporting Area



TITLE
**Figure 10-4
Coal Mining and Non-Coal Mining
Features**

REFERENCE
SEGL2_T_ES_10-4_v4_20220530

SHEET NUMBER 1 of 1 DATE 30/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

Coordinate System: British National Grid

Scale @ A3 1:170,000

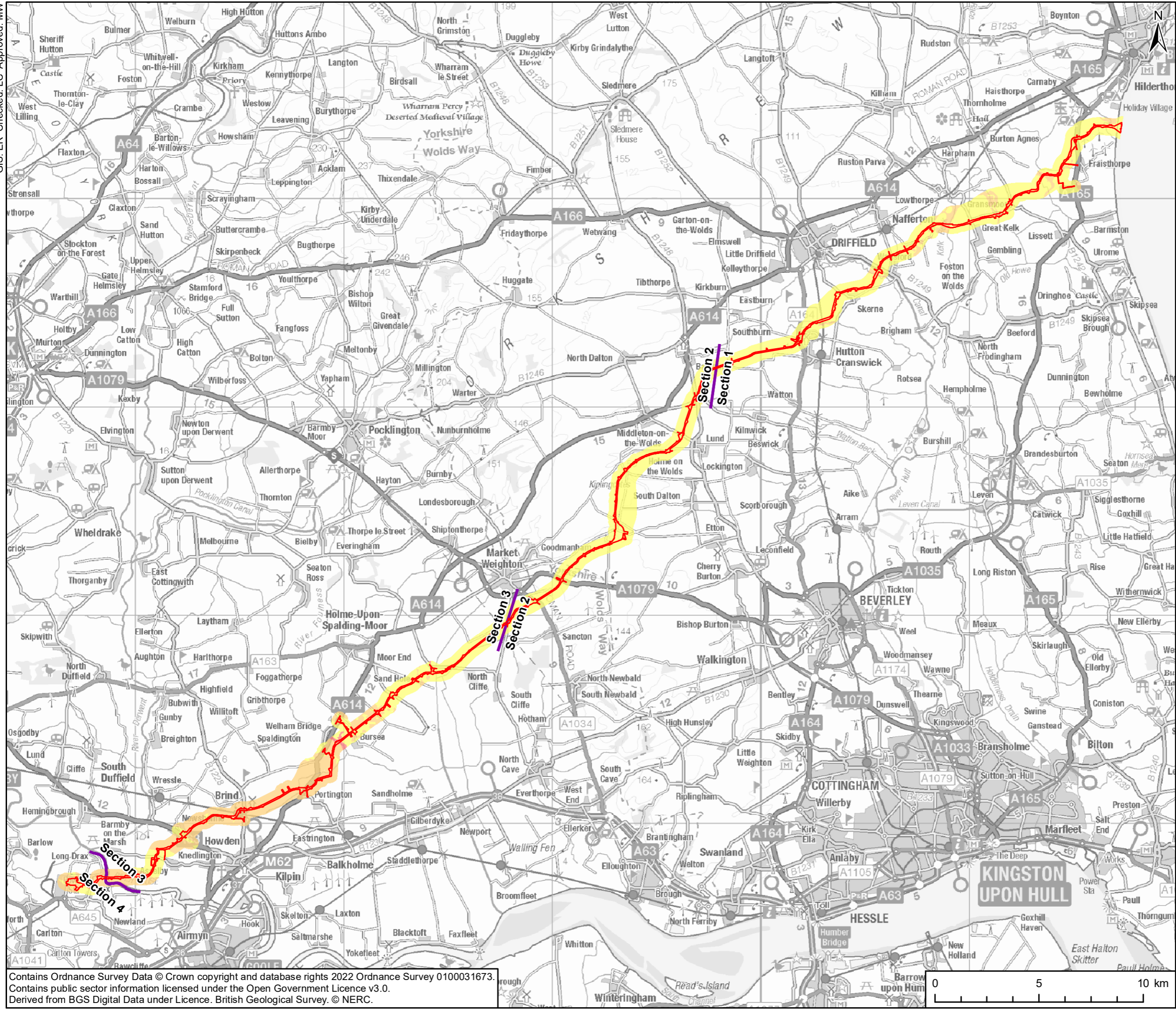
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break

- Compressible Deposits (BGS)
- Compressible strata are not thought to occur.
 - Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.
 - Highly compressible strata present. Significant constraint on land use depending on thickness.



TITLE
**Figure 10-5
Compressible Deposits**

REFERENCE
SEGL2_T_ES_10-5_v4_20220530

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

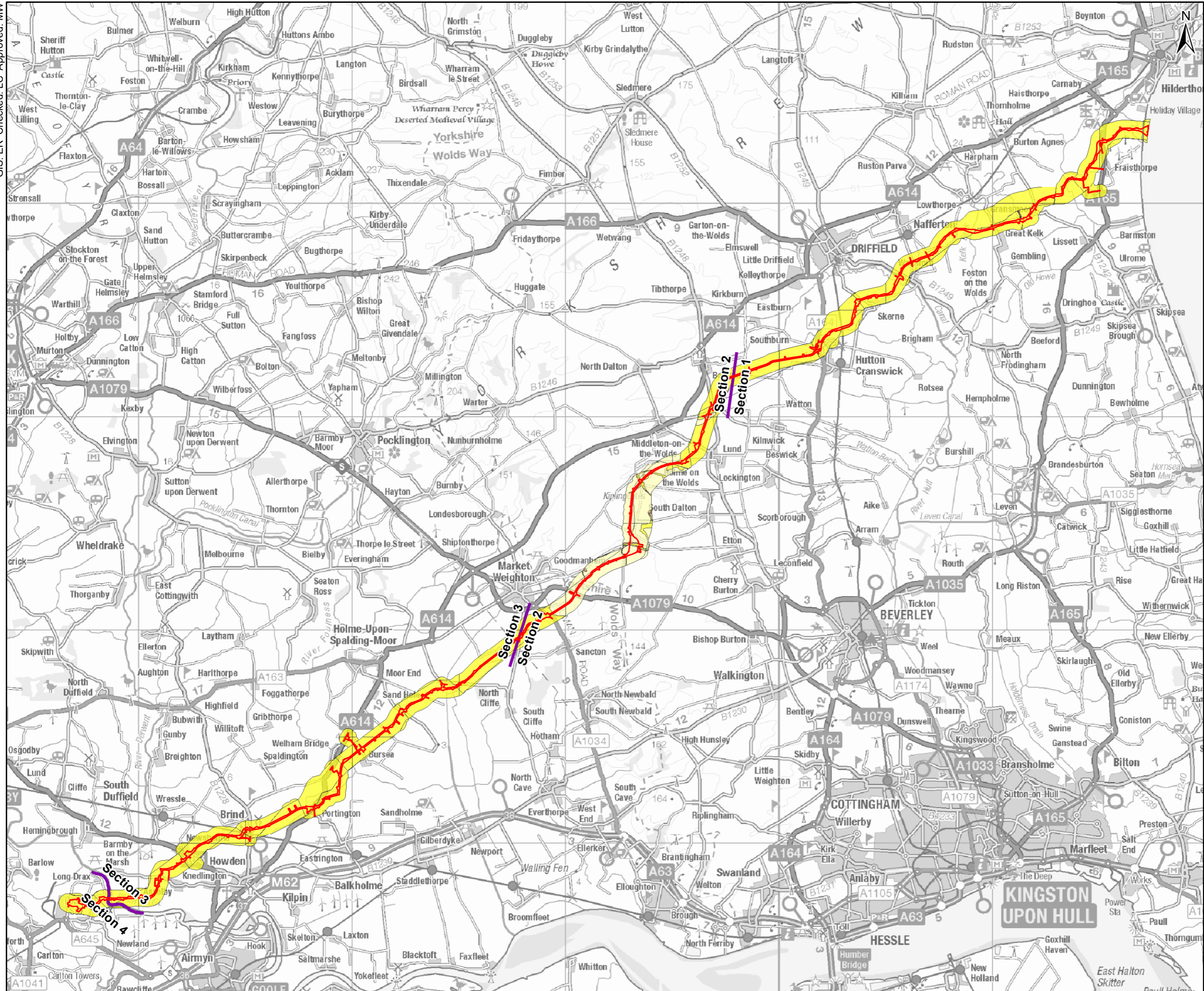
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break

- Landslides (BGS)
- Slope instability problems are not thought to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
 - Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.
 - Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
 - Slope instability problems are probably present or have occurred in the past. Land use should consider specifically the stability of the site.



TITLE
**Figure 10-6
Landslides**

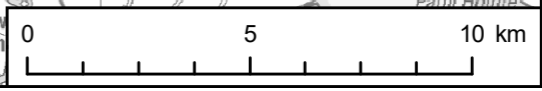
REFERENCE
SEGL2_T_ES_10-6_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

Coordinate System: British National Grid



Scale @ A3 1:170,000

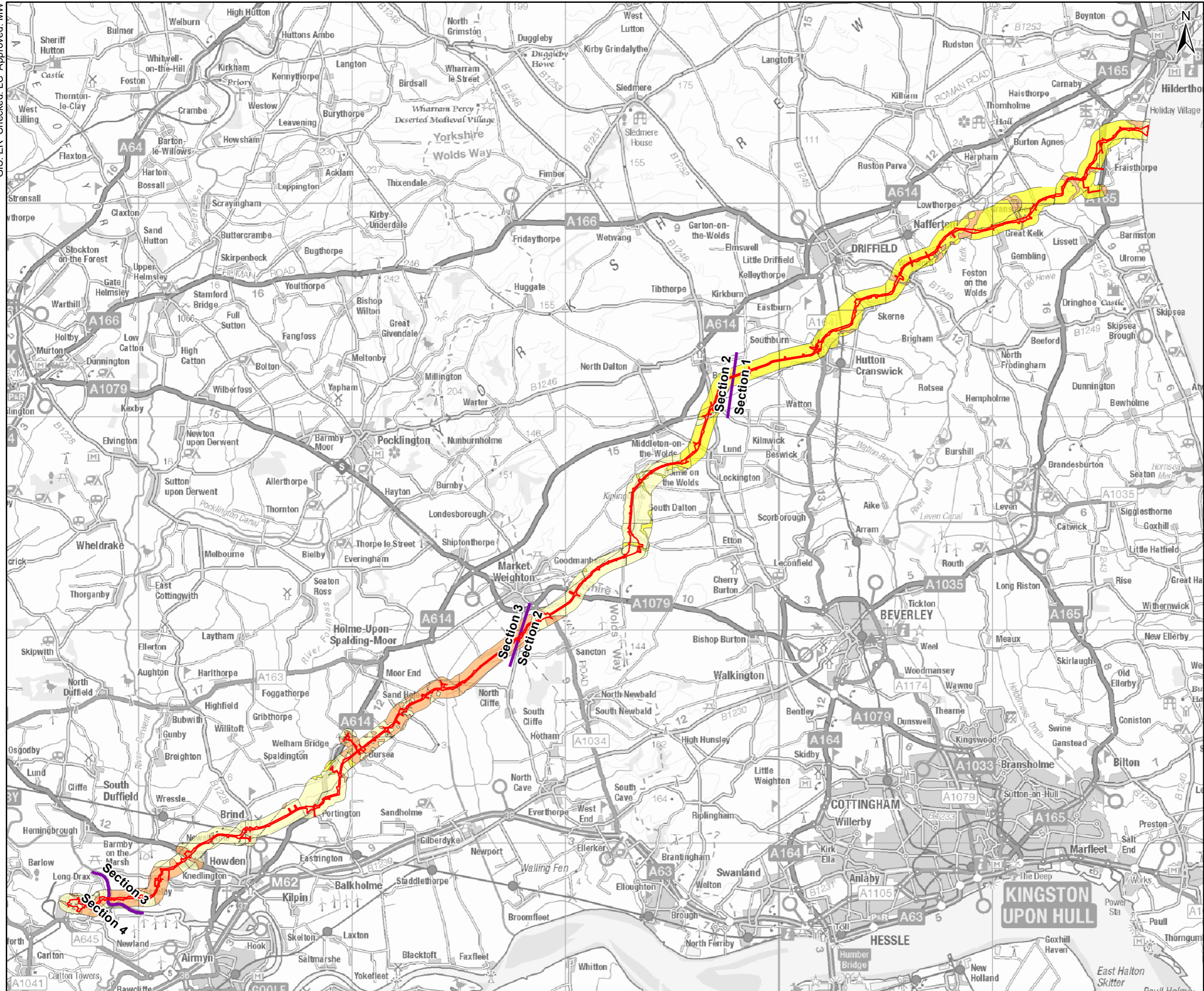
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break

- Running Sand (BGS)
- Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.
 - Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
 - Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.



TITLE
**Figure 10-7
Running Sand**

REFERENCE
SEGL2_T_ES_10-7_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

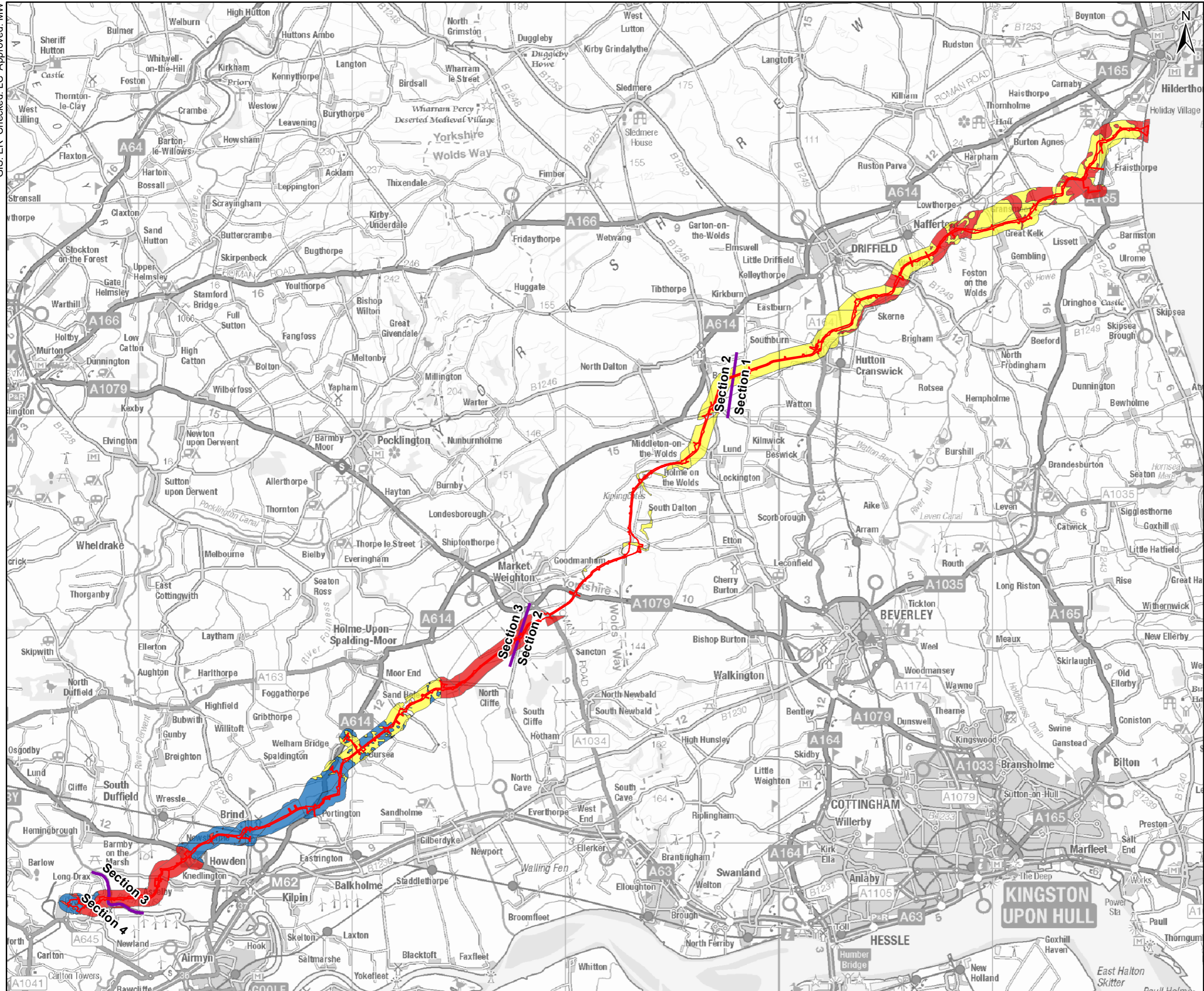
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break

- Superficial Aquifer Deposits (BGS)
- Secondary A Superficial Aquifer
 - Secondary Superficial Aquifer - Undifferentiated
 - Unproductive Superficial Aquifer



TITLE
**Figure 10-8
Superficial Aquifer Deposits**

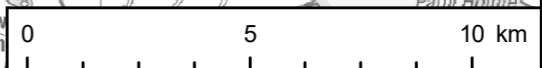
REFERENCE
SEGL2_T_ES_10-8_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

Coordinate System: British National Grid



Scale @ A3 1:170,000

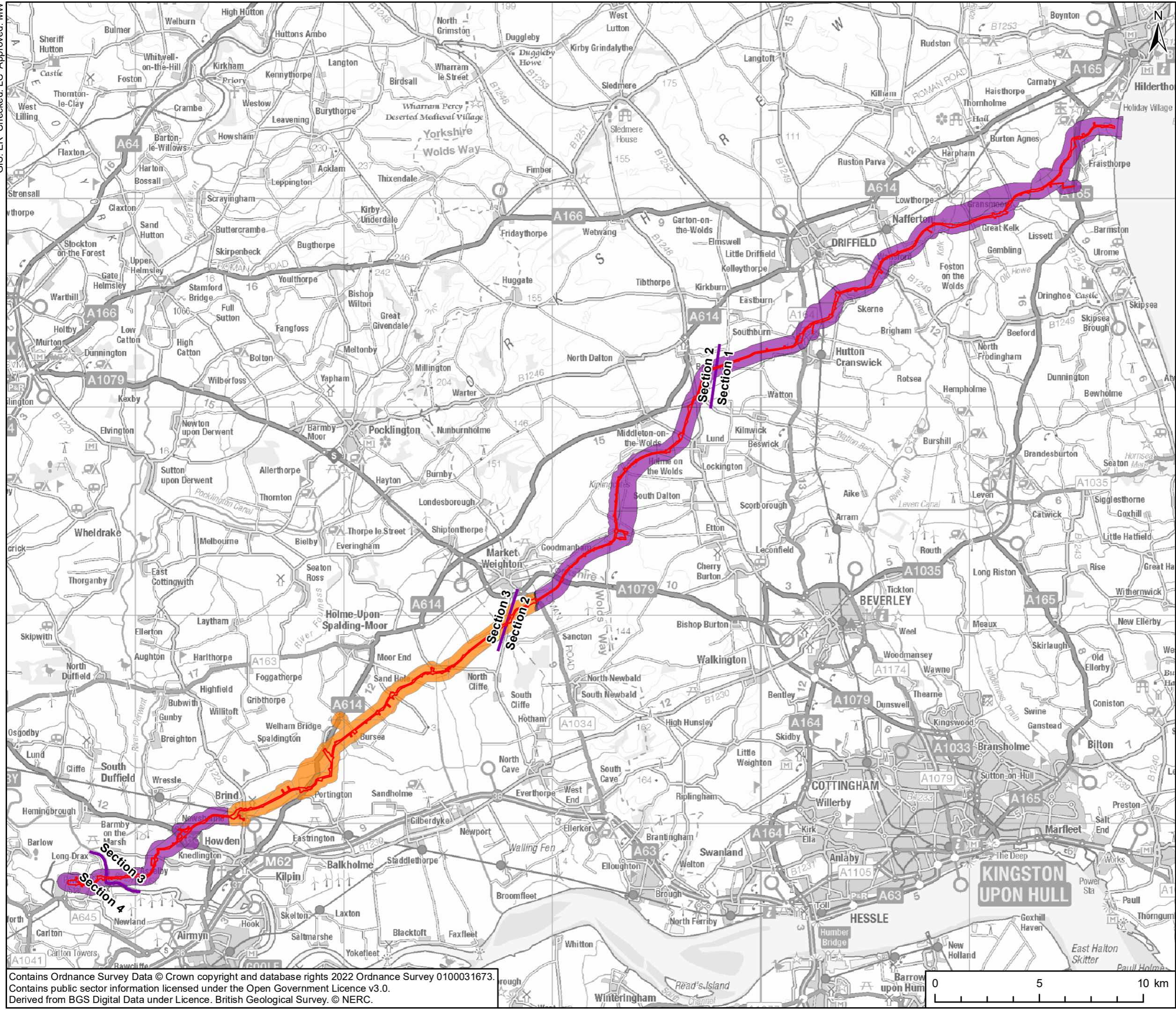
This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Indicative Planning Application Boundary
 - Route Section Break

- Bedrock Aquifer Classification (BGS)
- Principal Bedrock Aquifer
 - Secondary A Bedrock Aquifer
 - Secondary B Bedrock Aquifer
 - Secondary Bedrock Aquifer - Undifferentiated
 - Unproductive Bedrock Aquifer



TITLE
**Figure 10-9
Bedrock Aquifer Classification**

REFERENCE
SEGL2_T_ES_10-9_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

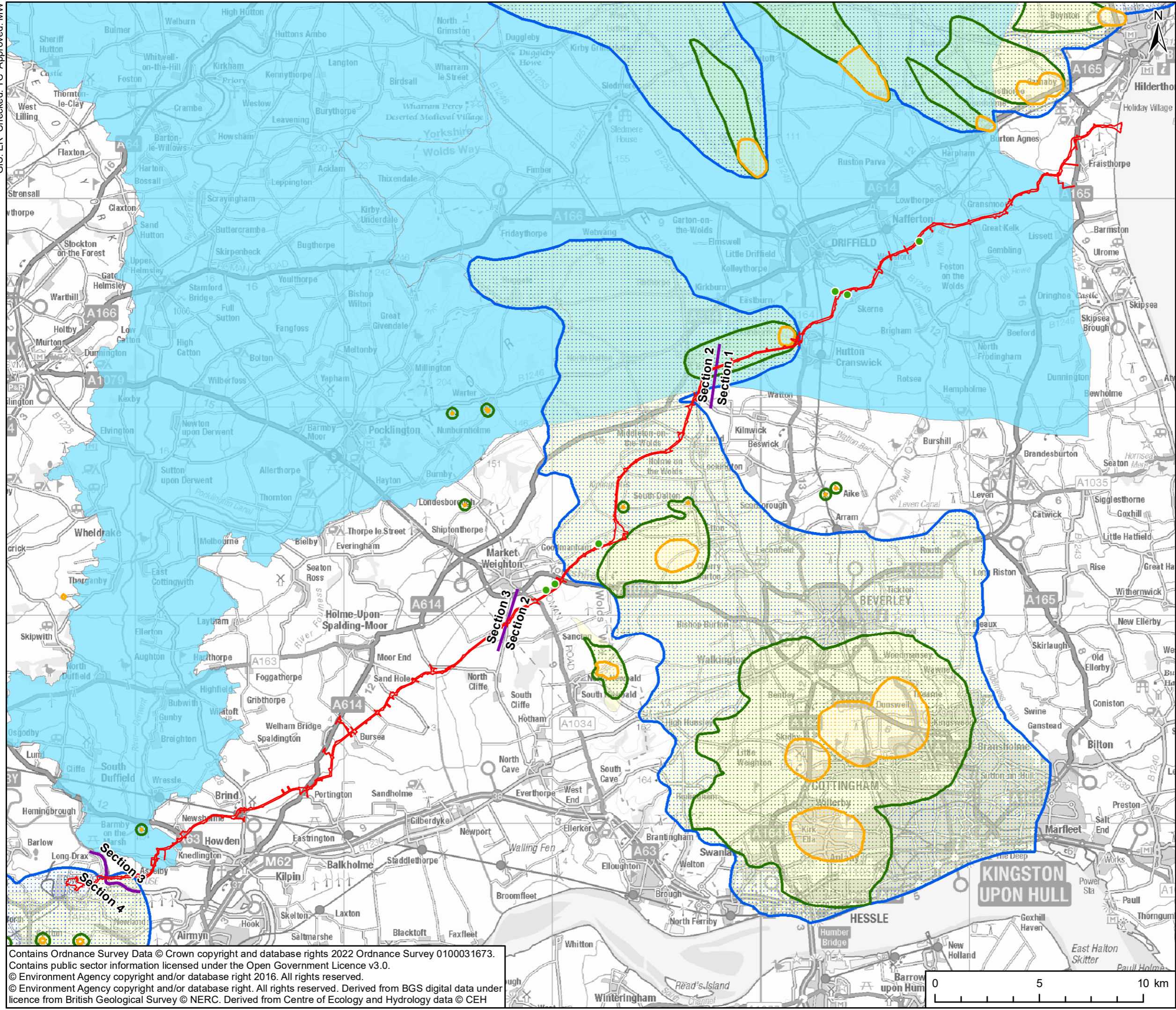
Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Planning Application Boundary
 - Route Section Break
 - Private Water Supply
 - Drinking Water Safeguard Zone - Groundwater
 - Drinking Water Safeguard Zone - Surface Water
- Source Protection Zone
- Zone I - Inner Protection Zone
 - Zone II - Outer Protection Zone
 - Zone III - Total Catchment



TITLE
**Figure 10-10
Surface Water Protection Zones**

REFERENCE
SEGL2_T_ES_10-10_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

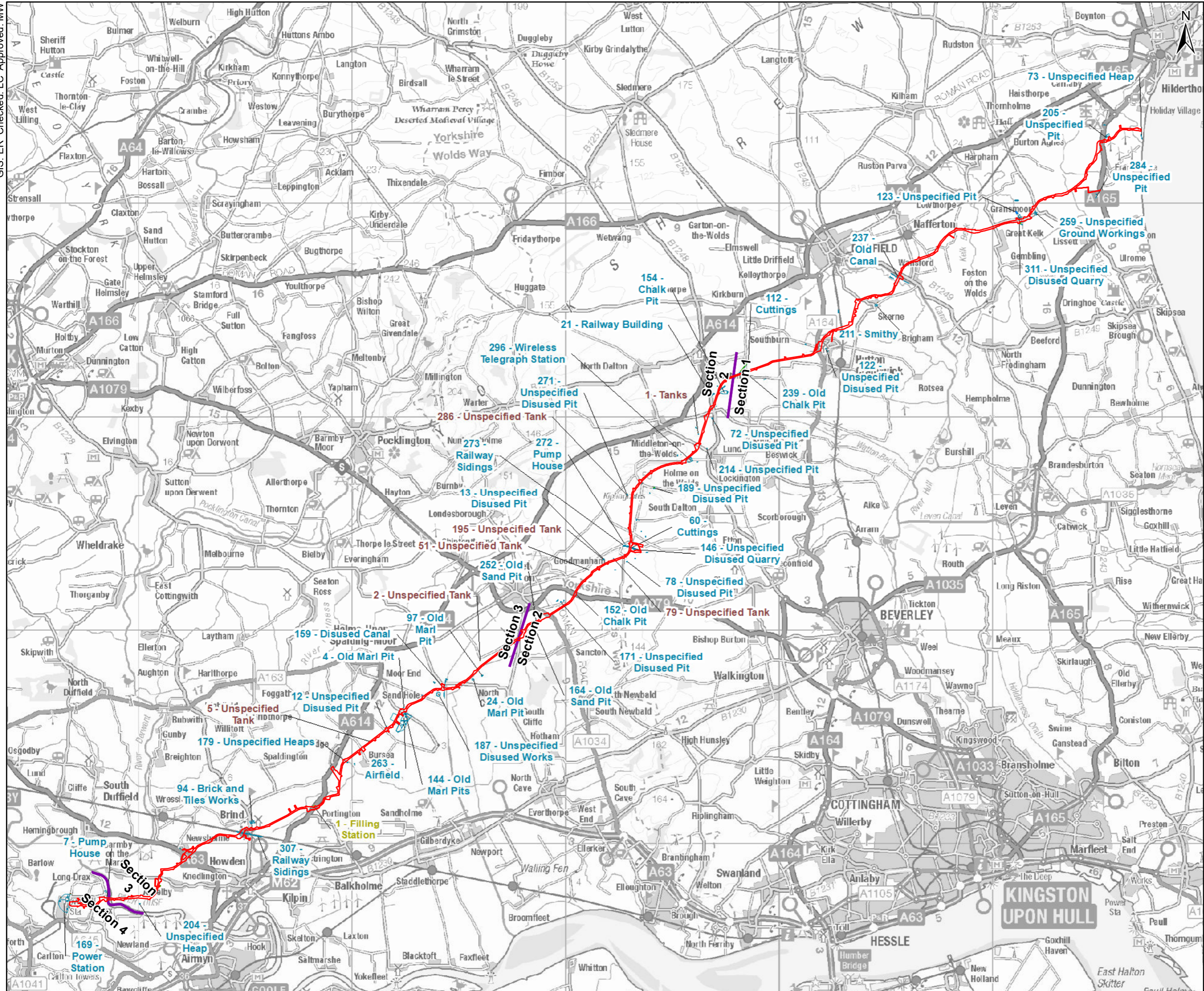
Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
 Contains public sector information licensed under the Open Government Licence v3.0.
 © Environment Agency copyright and/or database right 2016. All rights reserved.
 © Environment Agency copyright and/or database right. All rights reserved. Derived from BGS digital data under licence from British Geological Survey © NERC. Derived from Centre of Ecology and Hydrology data © CEH

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: TC Approved: MW

PROJECT
Scotland England Green Link 2

- KEY
- Indicative Planning Application Boundary
 - Route Section Break
 - Historical Tank
 - Historical Waste Site
 - Historical Filling Station
 - Historical Landfill
 - Historical Industrial Land Use



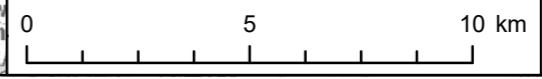
TITLE
**Figure 10-11
Historic Industrial Land Use**

REFERENCE
SEGL2_T_ES_10-11_v3_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.



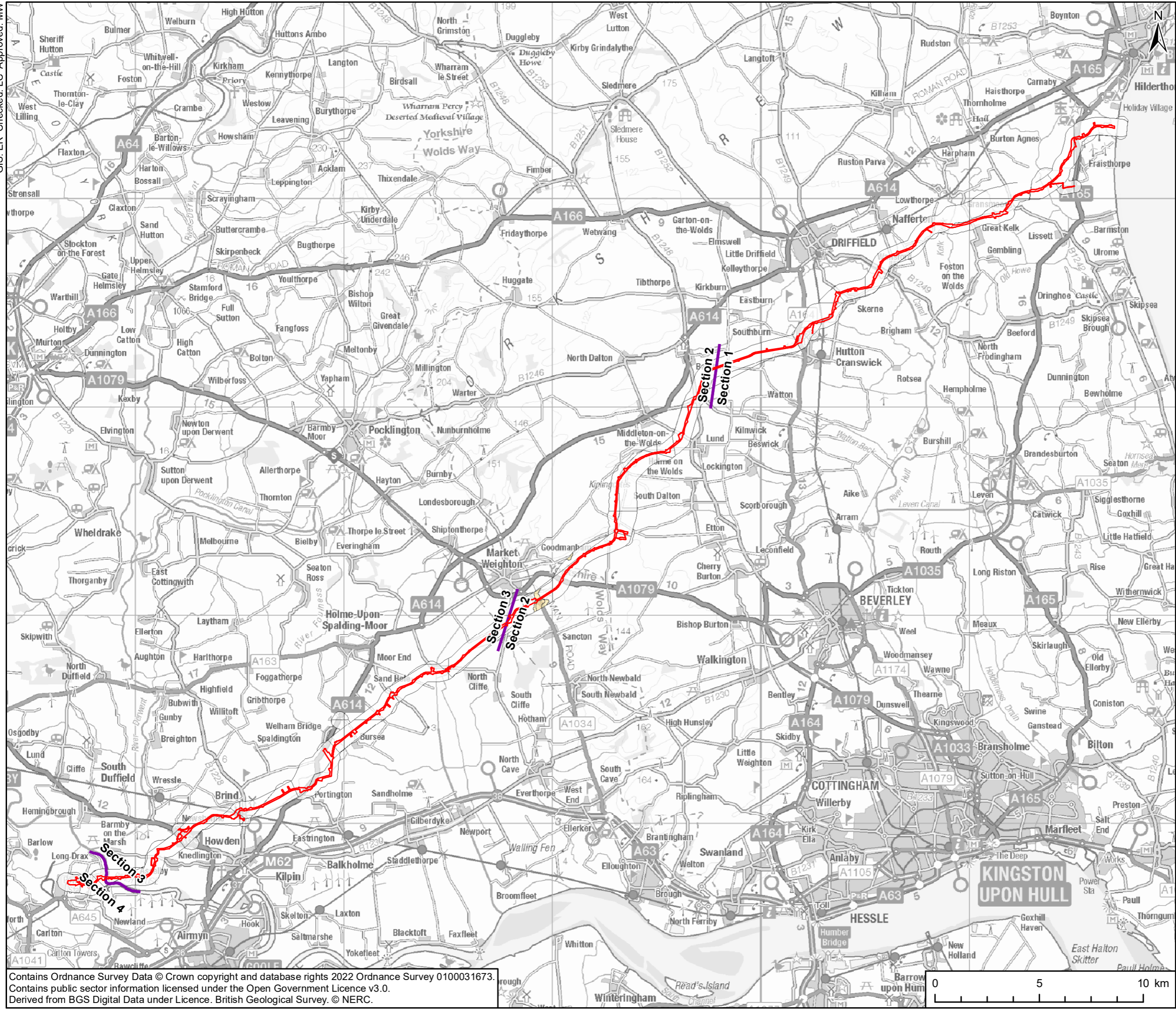
Scale @ A3 1:170,000

GIS: ER Checked: LC Approved: MW

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

PROJECT
Scotland England Green Link 2

- KEY
- Indicative Planning Application Boundary
 - Route Section Break
- Radon (BGS)
- Less than 1%
 - Between 1% and 3%
 - Between 3% and 5%



TITLE
**Figure 10-12
Radon**

REFERENCE
SEGL2_T_ES_10-12_v4_20220530

SHEET NUMBER
1 of 1

DATE
30/05/2022

Contains Ordnance Survey Data © Crown copyright and database rights 2022 Ordnance Survey 0100031673.
Contains public sector information licensed under the Open Government Licence v3.0.
Derived from BGS Digital Data under Licence. British Geological Survey. © NERC.

Coordinate System: British National Grid

Scale @ A3 1:170,000

This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever, to any party that uses or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.

GIS: ER Checked: LC Approved: MW