The Great Grid Upgrade

North Humber to High Marnham

NHHM-AEC-ONS-REP-0093

North Humber to High Marnham

Volume 6: Environmental Statement

Document 6.13.F6 Environmental Statement Figure 13.6 - National Soil Map

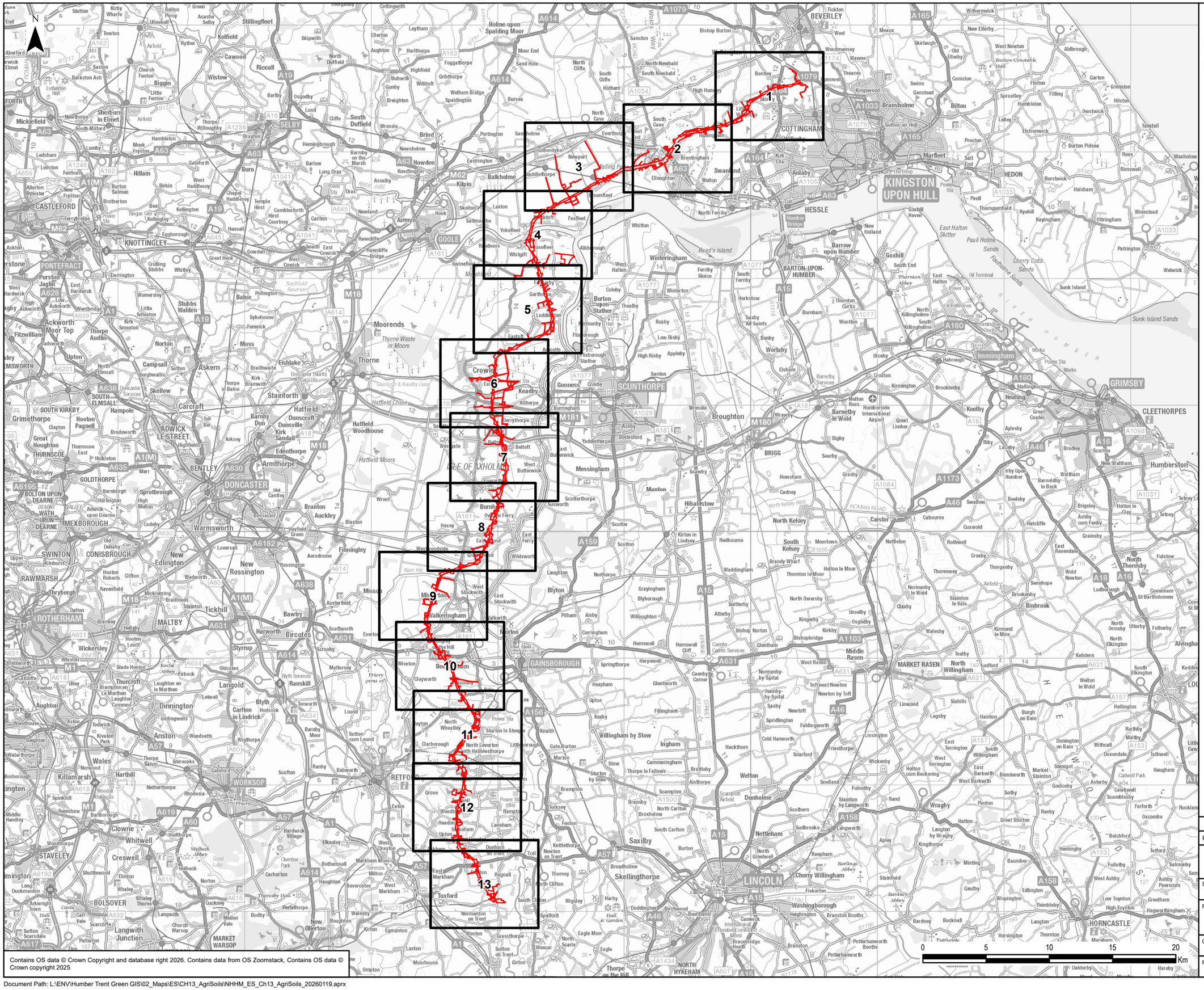
Final Issue A

October 2026

Planning Inspectorate Reference: EN020034

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(a)

nationalgrid



Legend

- Order Limits
- Map Sheet

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0	19/08/2026	ENVIRONMENTAL STATEMENT			

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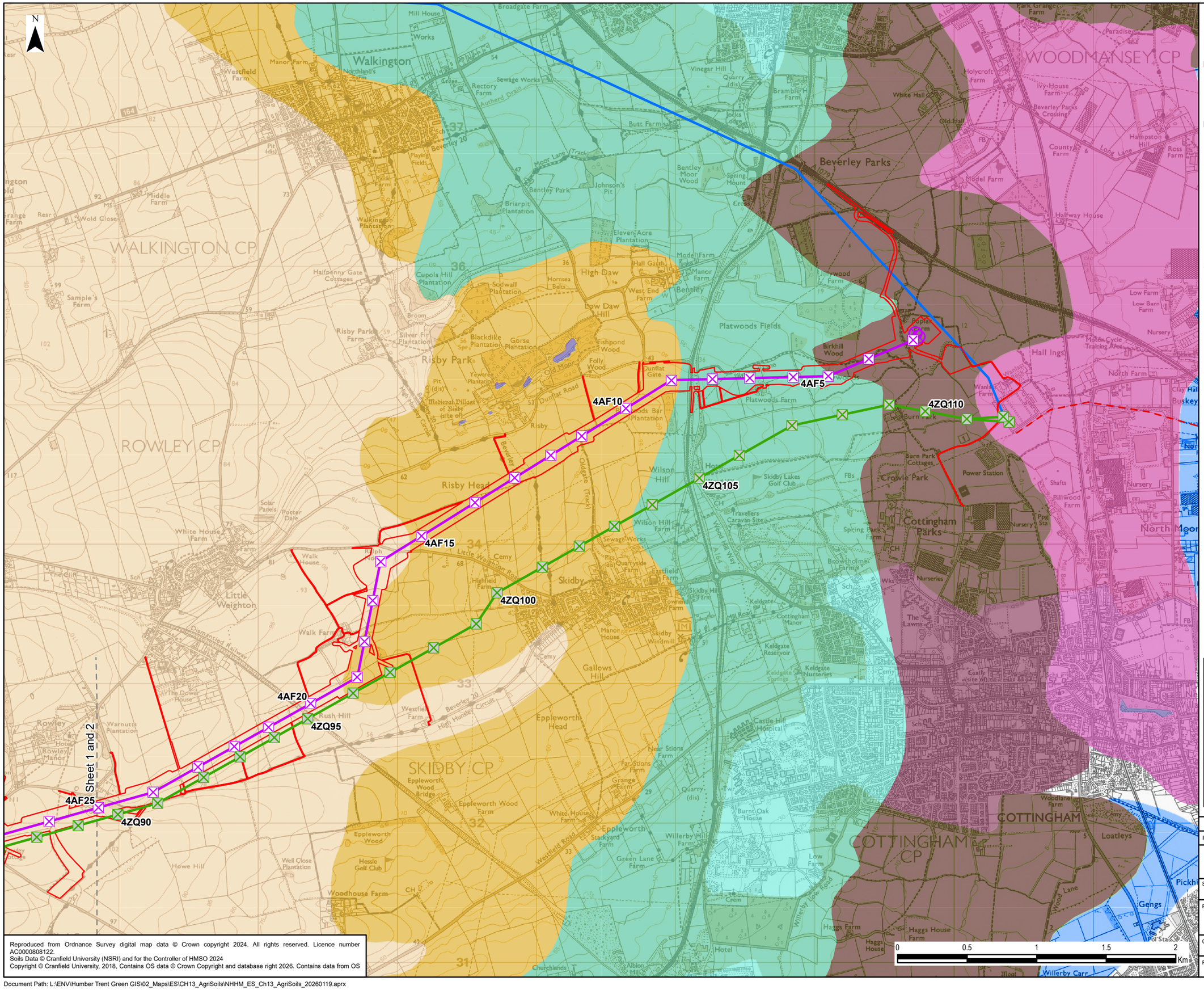
Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 13.6 - NATIONAL SOIL MAP KEY PLAN

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ID	19/08/2026	JG	19/08/2026	BL	19/08/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
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Legend

- Order Limits

Existing Overhead Line

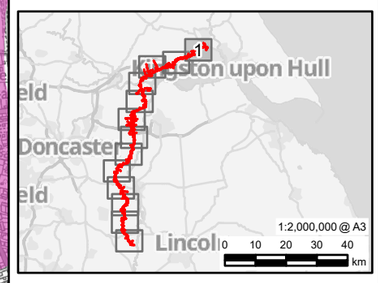
- 275 kV
- 400 kV

Project Design Details

- Indicative New Overhead Line
- Existing Overhead Line Not Affected
- Indicative New Gantry
- Indicative New Lattice Pylon
- Existing Lattice Pylon Not Affected

Soilscapes

- BURLINGHAM 2 - Deep fine loamy soils with slowly permeable subsoils and slight seasonal waterlogging.
- HOLDERNESS - Slowly permeable seasonally waterlogged fine loamy soils and similar soils with only slight waterlogging.
- HUNSTANTON - Deep well drained often reddish fine and coarse loamy soils.
- LAKE - Lake or water body
- LANDBEACH - Permeable calcareous coarse loamy soils affected by groundwater over chalky gravel.
- PANHOLES - Well drained calcareous fine silty soils over chalk.



Rev	Date	Description	GIS	Chk	App
0	01/10/2026	ENVIRONMENTAL STATEMENT	JG	DF	BL

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Scheme: NORTH HUMBER TO HIGH MARNHAM

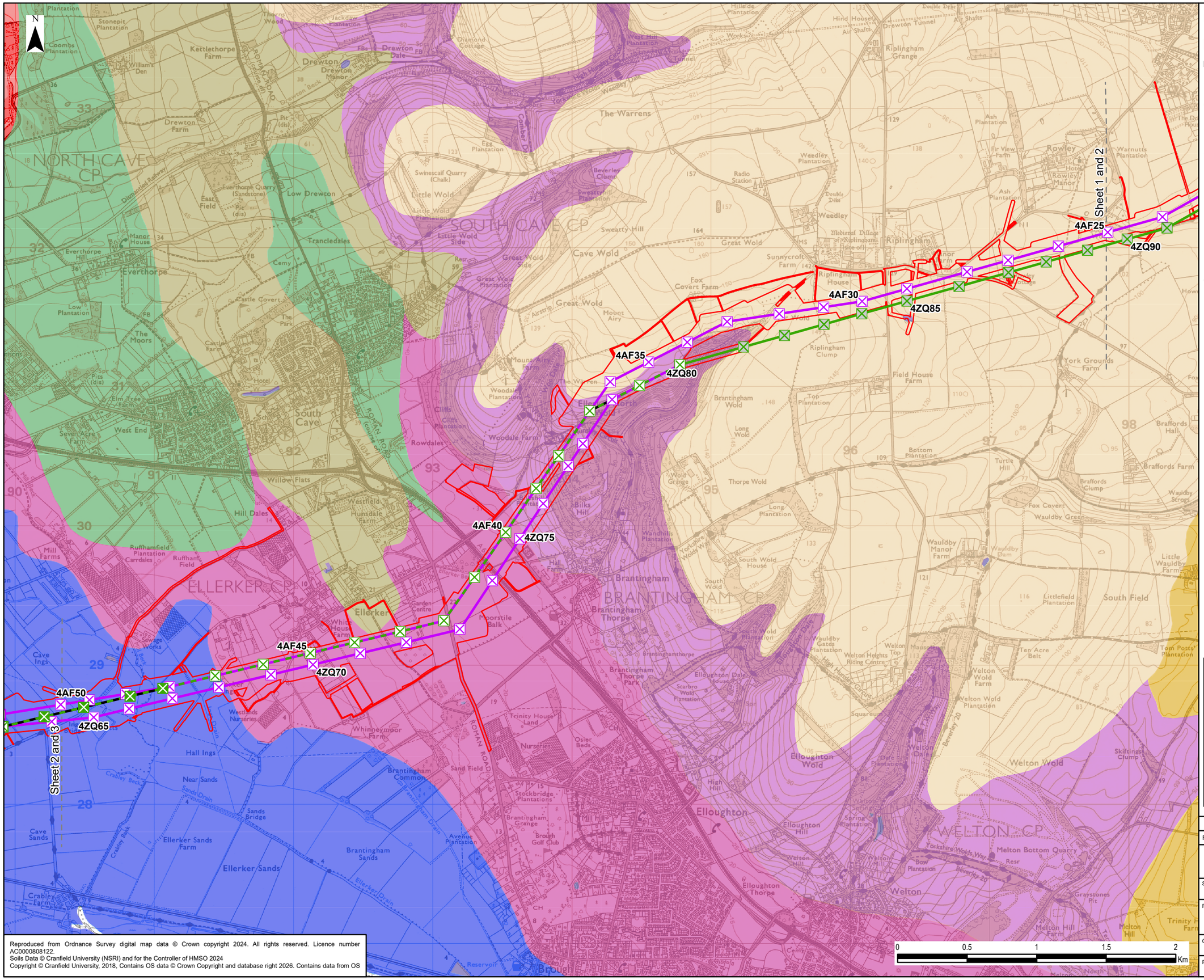
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Legend

- Order Limits

Project Design Details

- Indicative New Overhead Line
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Reconductored
- Existing Overhead Line to be Dismantled
- Indicative New Lattice Pylon
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Lattice Pylon To Be Removed

Soilscapes

- ABERFORD - Shallow, locally brashy well drained calcareous fine loamy soils over limestone.
- ANDOVER 1 - Shallow well drained calcareous silty soils over chalk on slopes and crests.
- HUNSTANTON - Deep well drained often reddish fine and coarse loamy soils.
- LAKE - Lake or water body
- LANDBEACH - Permeable calcareous coarse loamy soils affected by groundwater over chalky gravel.
- NEWCHURCH 2 - Deep stoneless mainly calcareous clayey soils.
- NEWPORT 1 - Deep well drained sandy and coarse loamy soils.
- PANHOLES - Well drained calcareous fine silty soils over chalk.

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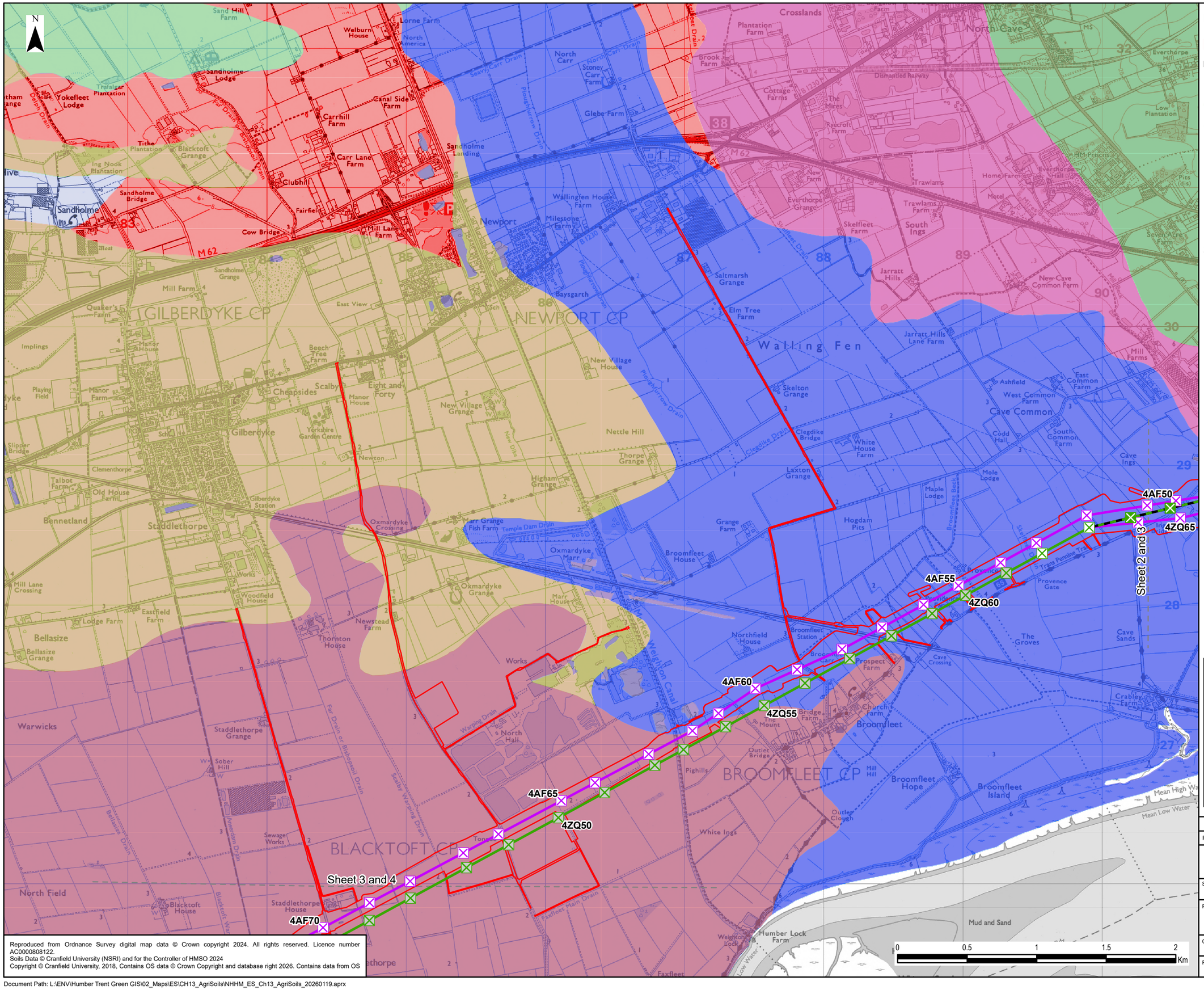
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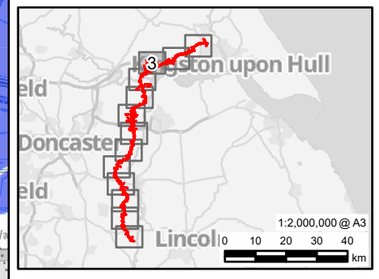
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Project Design Details

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- Existing Overhead Line Not Affected
- Existing Overhead Line to be Dismantled
- Indicative New Lattice Pylon
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Lattice Pylon To Be Removed

Soilscapes

- BLACKTOFT - Deep stoneless permeable calcareous fine and coarse silty soils.
- FOGGATHORPE 2 - Slowly permeable seasonally waterlogged stoneless clayey and fine loamy over clayey soils.
- Isleham 2 - Deep permeable sandy and peaty soils affected by groundwater.
- LAKE - Lake or water body
- LANDBEACH - Permeable calcareous coarse loamy soils affected by groundwater over chalky gravel.
- NEWCHURCH 2 - Deep stoneless mainly calcareous clayey soils.
- NEWPORT 1 - Deep well drained sandy and coarse loamy soils.



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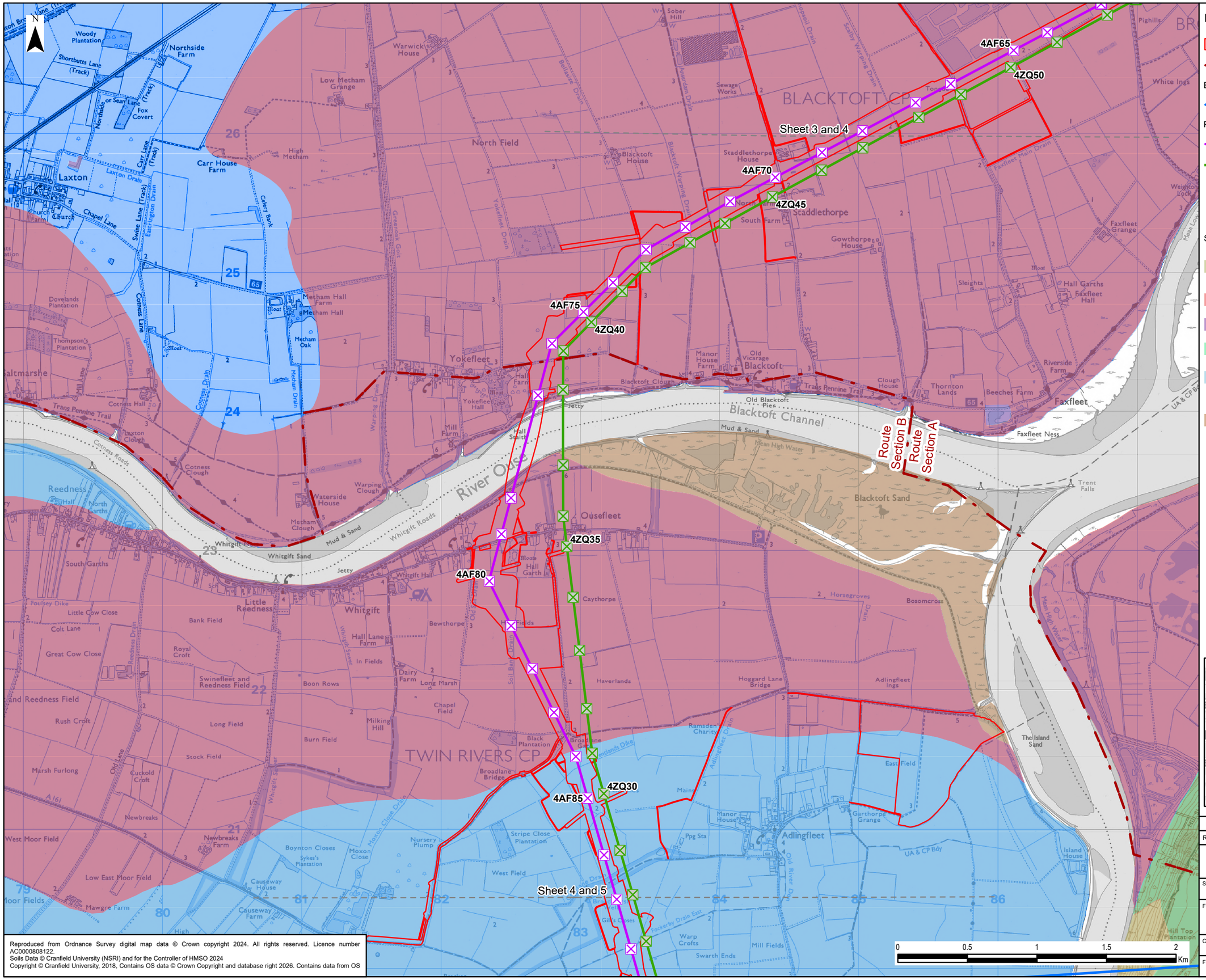
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Figure Title: FIGURE 13.6 - NATIONAL SOIL MAP

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Sheet 4 and 5

Sheet 5 and 6

4AF90
4ZQ25
4AF95
4ZQ20
4AF100
4ZQ15
4AF105
4AF110
4ZQ10

Legend

Order Limits

Existing Overhead Line

400 kV

Project Design Details

Indicative New Overhead Line

Existing Overhead Line Not Affected

Indicative New Lattice Pylon

Existing Lattice Pylon Not Affected

Soilscapes

ABERFORD - Shallow, locally brashy well drained calcareous fine loamy soils over limestone.

BLACKTOFT - Deep stoneless permeable calcareous fine and coarse silty soils.

FLADBURY 3 - Stoneless clayey, fine silty and fine loamy soils affected by groundwater.

LAKE - Lake or water body

NEWCHURCH 2 - Deep stoneless mainly calcareous clayey soils.

NEWPORT 1 - Deep well drained sandy and coarse loamy soils.

ROMNEY - Deep stoneless permeable calcareous coarse and fine silty soils.

1:2,000,000 @ A3

0 10 20 30 40 km

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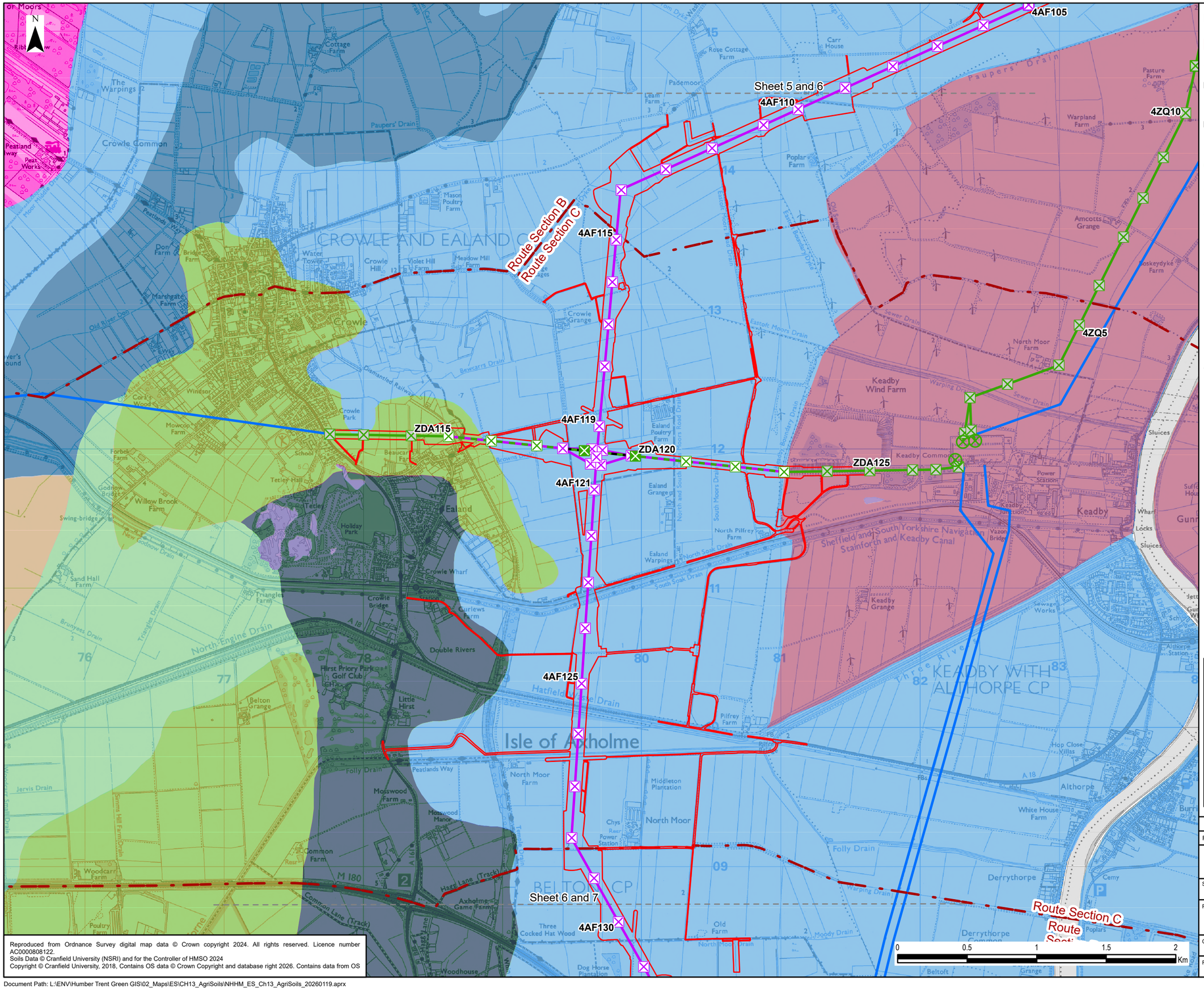
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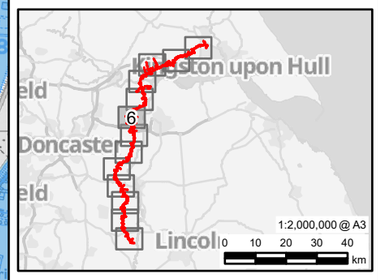
Legend

- Order Limits
- Route Section

Existing Overhead Line
- 400 kV

Project Design Details
- Indicative New Overhead Line
- Existing Overhead Line Not Affected
- Existing Overhead Line to be Reconductored
- Existing Overhead Line to be Dismantled
- Indicative New Lattice Pylon
- Existing Lattice Pylon Not Affected
- Existing Lattice Pylon To Be Modified
- Existing Gantry Not Affected
- Existing Lattice Pylon To Be Removed

Soilscapes
- BLACKTOFT - Deep stoneless permeable calcareous fine and coarse silty soils.
- BLACKWOOD - Deep permeable sandy and coarse loamy soils.
- BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.
- FLADBURY 3 - Stoneless clayey, fine silty and fine loamy soils affected by groundwater.
- FOGGATHORPE 2 - Slowly permeable seasonally waterlogged stoneless clayey and fine loamy over clayey soils.
- Isleham 2 - Deep permeable sandy and peaty soils affected by groundwater.
- LAKE - Lake or water body
- ROMNEY - Deep stoneless permeable calcareous coarse and fine silty soils.



Rev	Date	Description	GIS	Chk	App
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Scheme: NORTH HUMBER TO HIGH MARNHAM

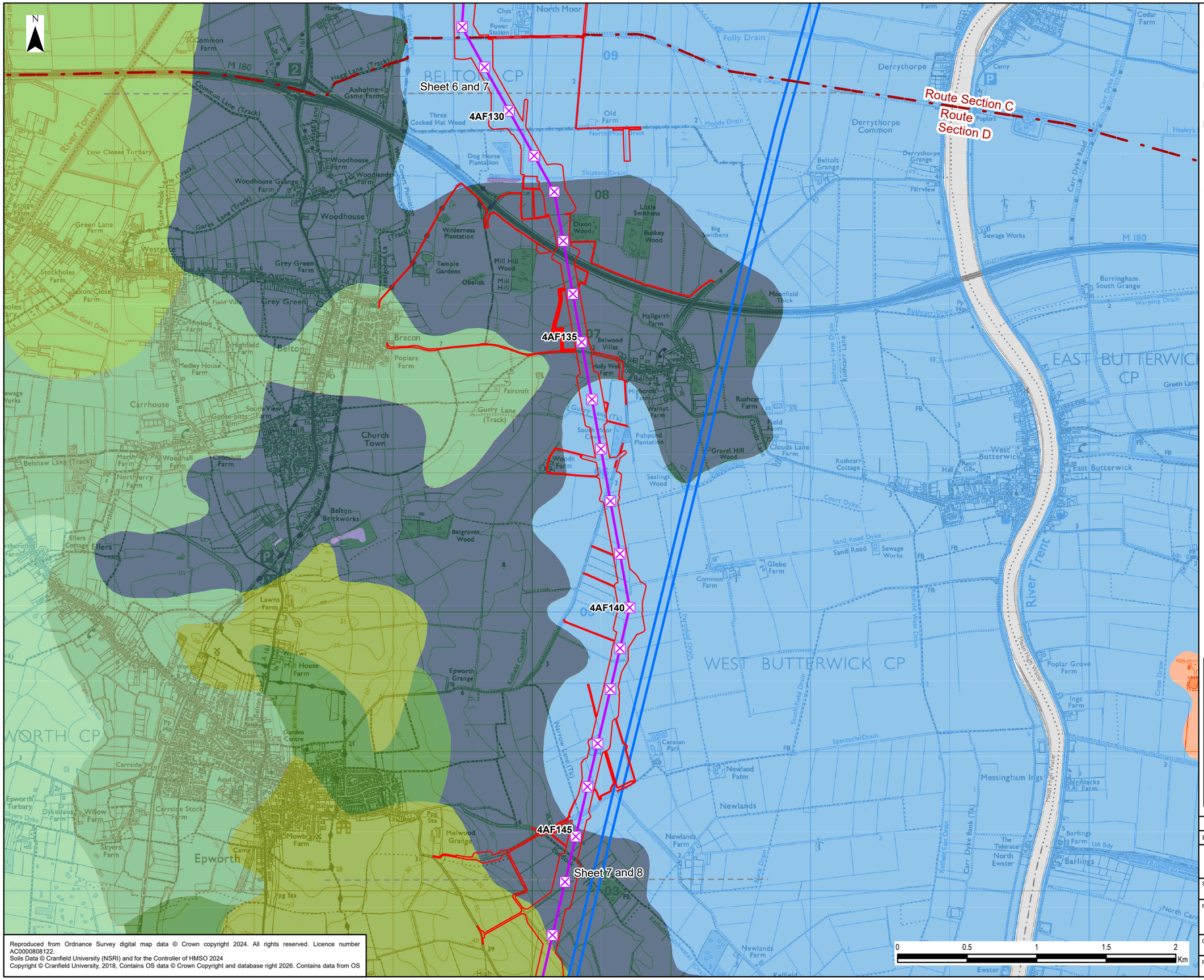
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Legend

- Order Limits
- Route Section

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Soilscapes

- BLACKWOOD - Deep permeable sandy and coarse loamy soils.
- BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.
- DUNNINGTON HEATH - Reddish coarse and fine loamy over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.
- Isleham 2 - Deep permeable sandy and peaty soils affected by groundwater.
- LAKE - Lake or water body
- NEWPORT 1 - Deep well drained sandy and coarse loamy soils.
- ROMNEY - Deep stoneless permeable calcareous coarse and fine silty soils.
- WORCESTER - Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Rev	Date	Description	GIS	Chk	App
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Scheme: NORTH HUMBER TO HIGH MARNHAM

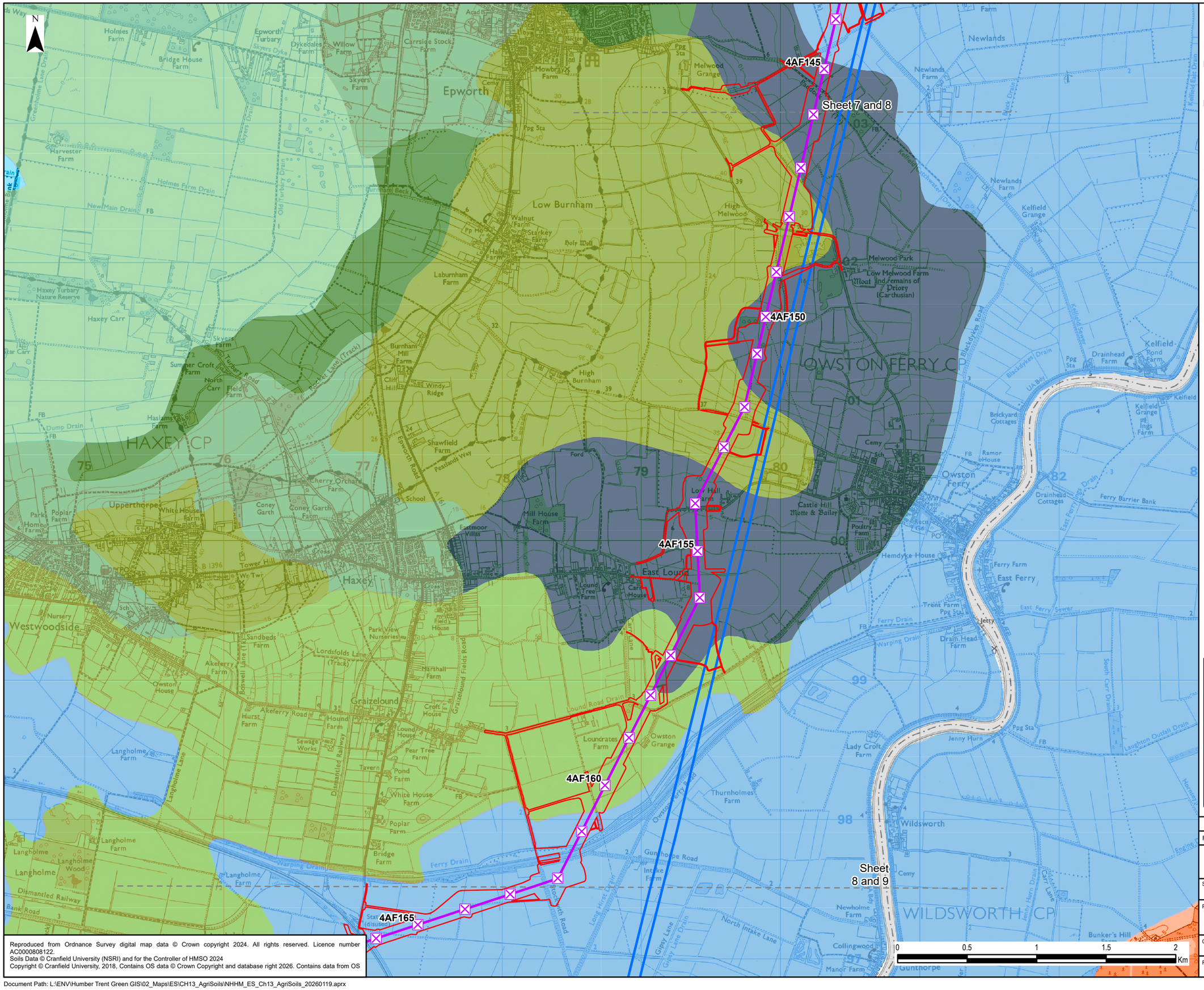
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Legend

- Order Limits

Existing Overhead Line

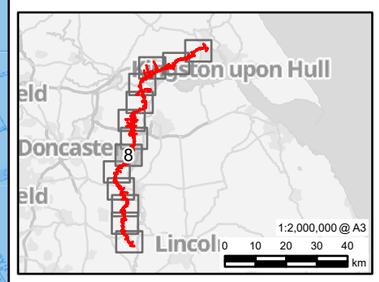
- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Soilscapes

- BLACKWOOD - Deep permeable sandy and coarse loamy soils.
- BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.
- DUNNINGTON HEATH - Reddish coarse and fine loamy over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.
- Isleham 2 - Deep permeable sandy and peaty soils affected by groundwater.
- NEWPORT 1 - Deep well drained sandy and coarse loamy soils.
- ROMNEY - Deep stoneless permeable calcareous coarse and fine silty soils.
- WORCESTER - Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.



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Scheme: NORTH HUMBER TO HIGH MARNHAM

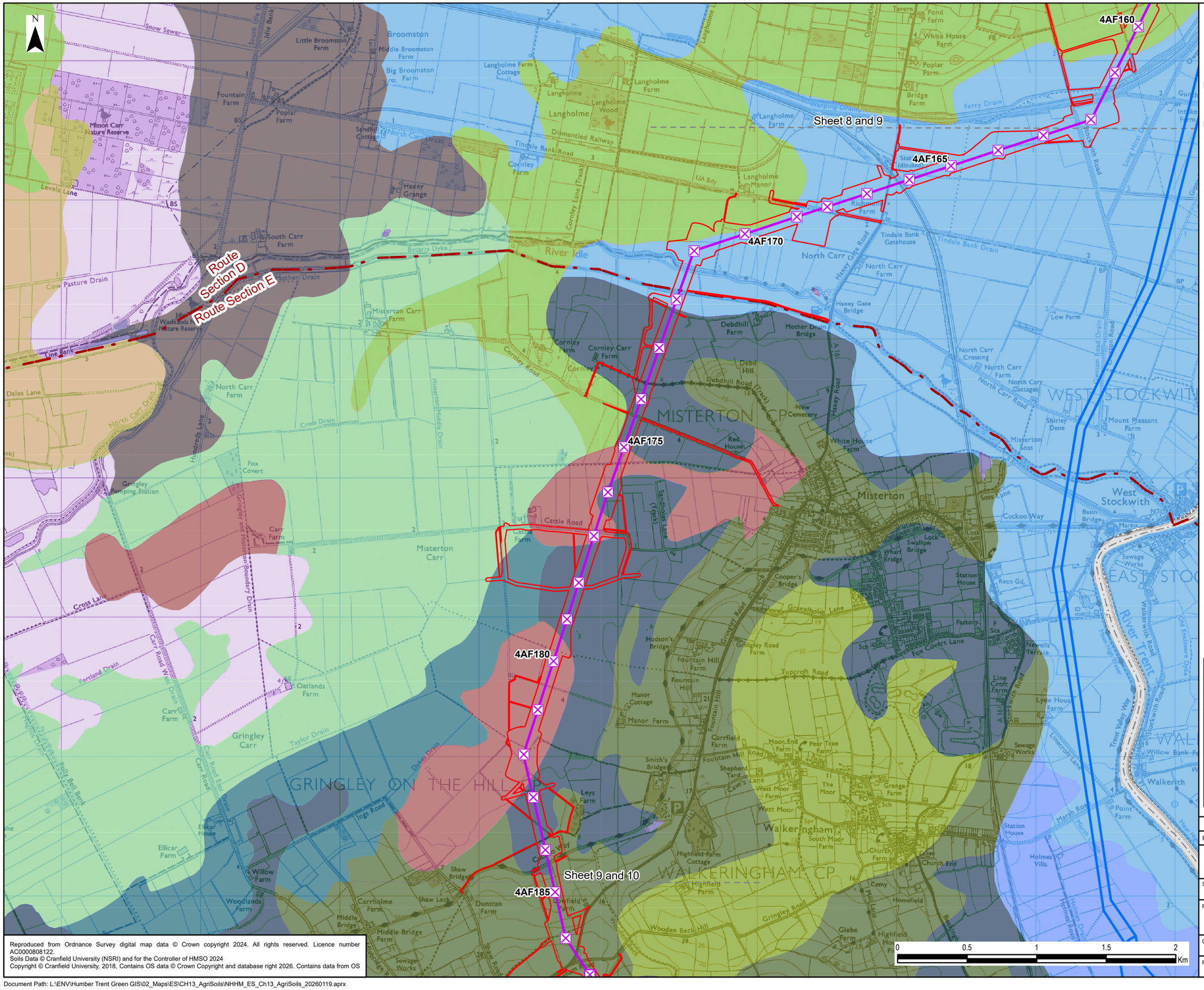
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Legend

- Order Limits
- Route Section

Existing Overhead Line

- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Soilscapes

- BLACKWOOD - Deep permeable sandy and coarse loamy soils.
- BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.
- DOWNHOLLAND 2 - Deep stoneless clayey or calcareous silty soils, mainly with a humose surface horizon.
- DOWNHOLLAND 3 - Deep stoneless clayey soils with a peaty or humose surface horizon.
- FLADBURY 2 - Stoneless clayey soils variably affected by groundwater some with sandy subsoils.
- FOGGATHORPE 2 - Slowly permeable seasonally waterlogged stoneless clayey and fine loamy over clayey soils.
- Isleham 2 - Deep permeable sandy and peaty soils affected by groundwater.
- LAKE - Lake or water body
- ROMNEY - Deep stoneless permeable calcareous coarse and fine silty soils.
- WHIMPLE 3 - Reddish fine loamy or fine silty over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.
- WORCESTER - Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.
- Willingham - Extremely calcareous silty and clayey soils, in places humose, and often over peat.

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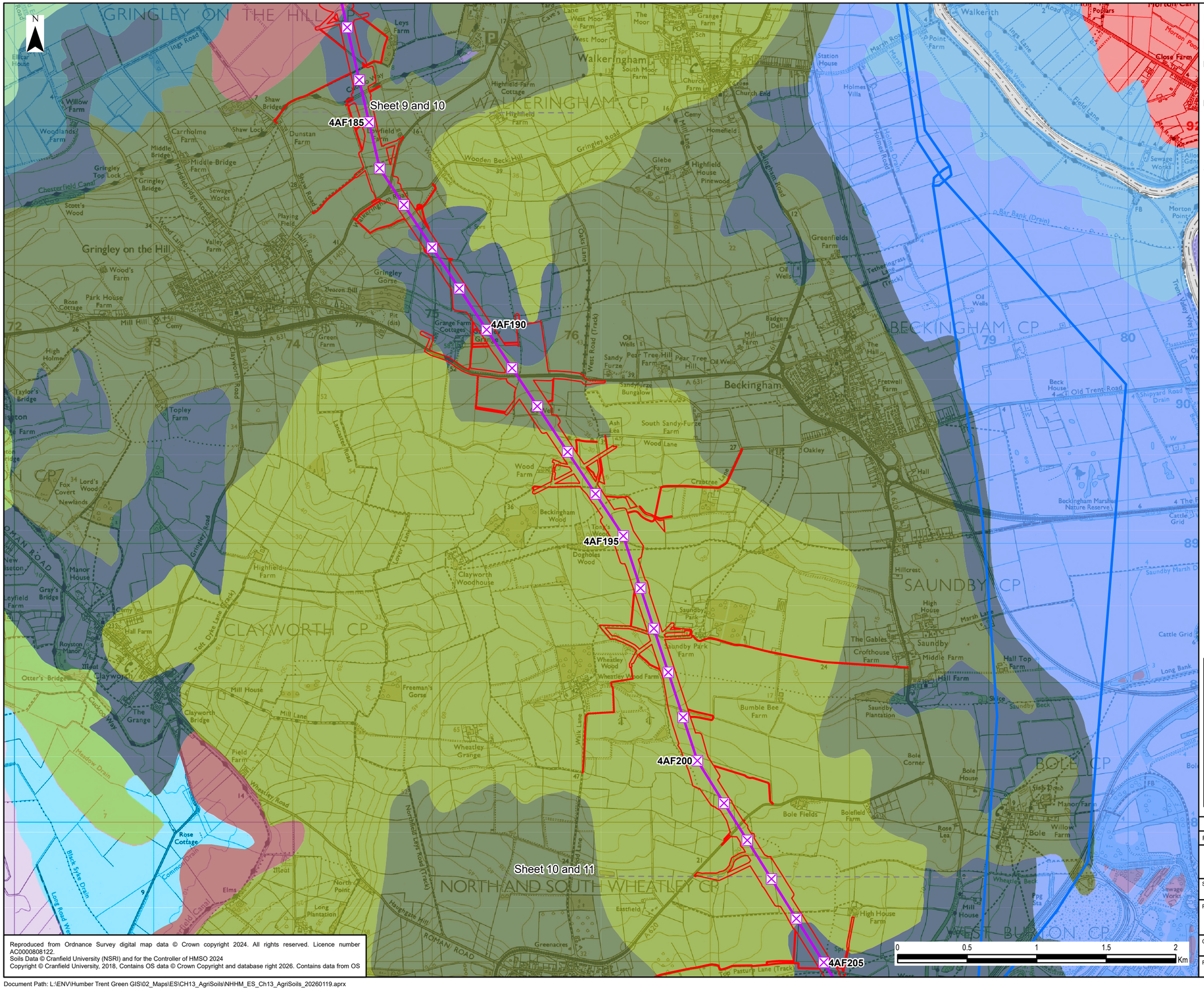
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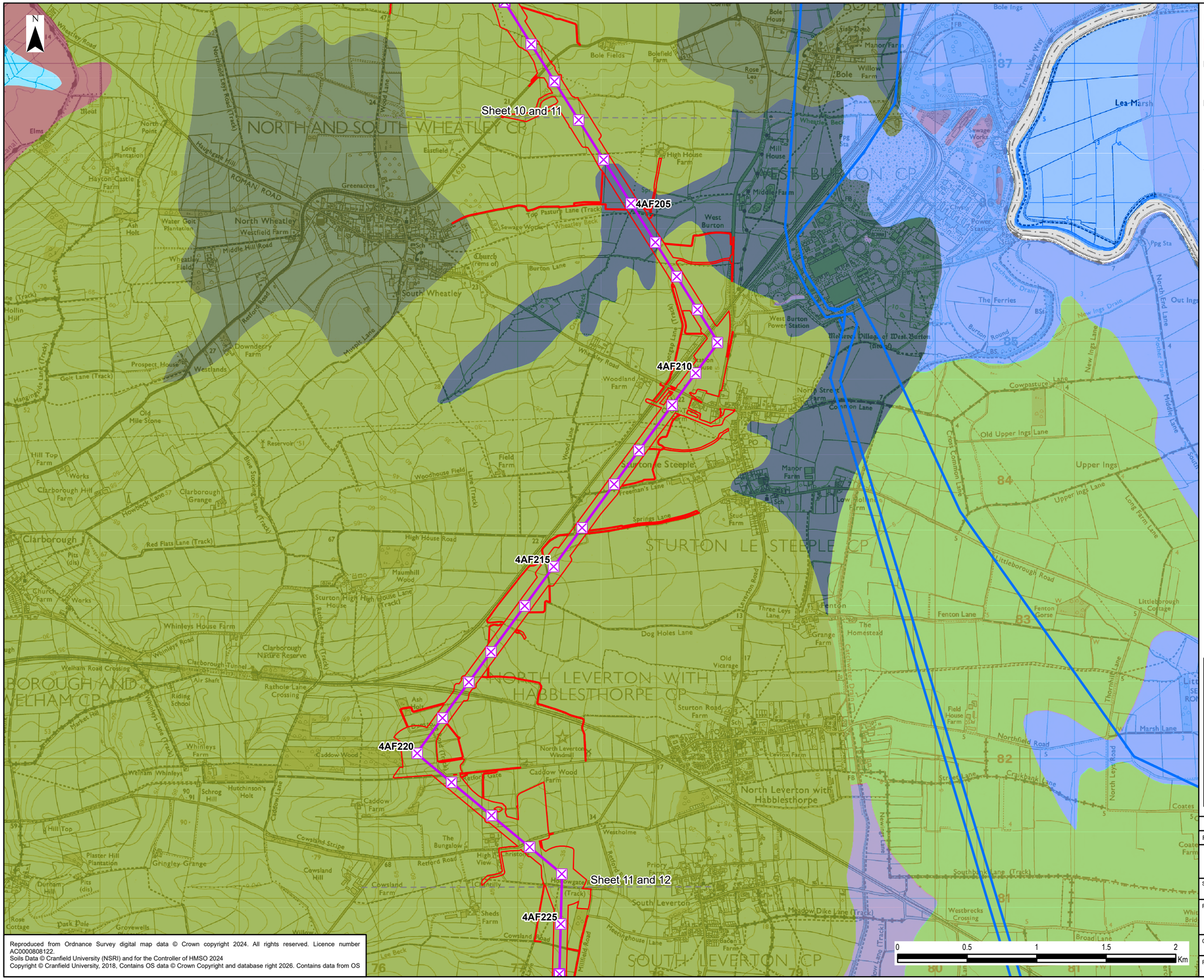
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N
Sheet 9 and 10
4AF185
4AF190
4AF195
4AF200
4AF205
Sheet 10 and 11
GRINGLEY ON THE HILL CP
WALKERINGHAM CP
BECKINGHAM CP
CLAYWORTH CP
NORTH AND SOUTH WHEATLEY CP
SAUNDBY CP
BOLE CP
WEST BURTON CP
Gringley on the Hill
Walkeringham
Beckingham
Clayworth
Saundby
Bole
Leys Farm
Willow Farm
Shaw Bridge
Carrholme Farm
Dunstan Farm
Middle Bridge
Middle Bridge Farm
Gringley Top Lock
Gringley Bridge
Chesterfield Canal
Scott's Wood
Woodlands Farm
Sewage Works
Playing Field
Valley Farm
Wood's Farm
Rose Cottage
Park House Farm
Mill Hill
Cemy
Gringley Gorse
Beacon Hill
Pit (dis)
Grange Farm Cottages
Green Farm
High Holme
Taylor's Bridge
Topley Farm
Claysworth Road
Lancaster Road
Oaks Lane
West Road (Track)
Oil Wells
Sandy Furze
Pear Tree Hill Farm
Sandyfurze Bungalow
South Sandy-Furze Farm
Ash Lea
Wood Lane
Oakley
Wood Farm
Crabtree
Beckingham Wood
Tom's Wood
Dogholes Wood
Clayworth Woodhouse
Highfield Farm
Lover's Lane
Grange Farm
Mill Farm
Badgers Dell
The Hall
Freetwell Farm
Greenfields Farm
Tetherington Lane (Track)
Station House
Holmes Villa
Holmes Drain
Holmes Road
Marsh Road
Point Farm
Walkerith
Poplars
Close Farm
Ings Road
Ings Lane
Mere Hills Water
Field Lane
Sewage Works
Bar Bank (Drain)
Morton Pool
Morton Point
Trent Valley Way
Old Trent Road
Shipyard Road Drain
Beck House
Beckingham Marshes Nature Reserve
Cattle Grid
Long Bank
Saundby Marsh Drain
Saundby Beck
Saundby Park
Saundby Park Farm
Wheatley Wood
Wheatley Wood Farm
Wheatley Grange
Freeman's Gorse
Bumble Bee Farm
Saundby Plantation
Hillcrest
High House
Marsh Lane
The Gables
Croftthouse Farm
Saundby Middle Farm
Hall Top Farm
Hall Farm
Bole Corner
Bole House
Bole Fields
Bolefield Farm
Rose Lea
Willow Farm
Manor Farm
Sisby Pond
Mill House
Pgg Sta
Sewage Works
Eastfield
High House Farm
Greenacres
Top Pasture Lane (Track)
Ings Road
Willow Farm
Woodlands Farm
Carrholme Farm
Middle Bridge
Middle Bridge Farm
Gringley Top Lock
Gringley Bridge
Chesterfield Canal
Scott's Wood
Middle Bridge Road
Shaw Road
Shaw Lock
Dunstan Farm
Playing Field
Hall's Road
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Valley Farm
Wood's Farm
Rose Cottage
Park House Farm
Mill Hill
Cemy
Gringley Gorse
Beacon Hill
Pit (dis)
Grange Farm Cottages
Green Farm
High Holme
Taylor's Bridge
Topley Farm
Claysworth Road
A 631



Legend

Order Limits

Existing Overhead Line

400 kV

Project Design Details

Indicative New Overhead Line

Indicative New Lattice Pylon

Soilscapes

BLACKWOOD - Deep permeable sandy and coarse loamy soils.

BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.

COMPTON - Stoneless mostly reddish clayey soils affected by groundwater.

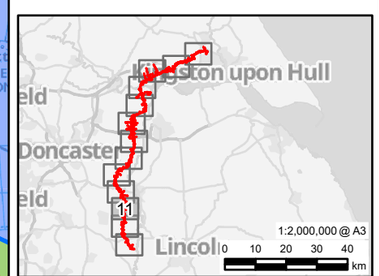
FLADBURY 2 - Stoneless clayey soils variably affected by groundwater some with sandy subsoils.

LAKE - Lake or water body

WHIMPLE 3 - Reddish fine loamy or fine silty over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.

WORCESTER - Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

Willingham - Extremely calcareous silty and clayey soils, in places humose, and often over peat.



Rev	Date	Description	GIS	Chk	App
0	01/10/2026	ENVIRONMENTAL STATEMENT	JG	DF	BL

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

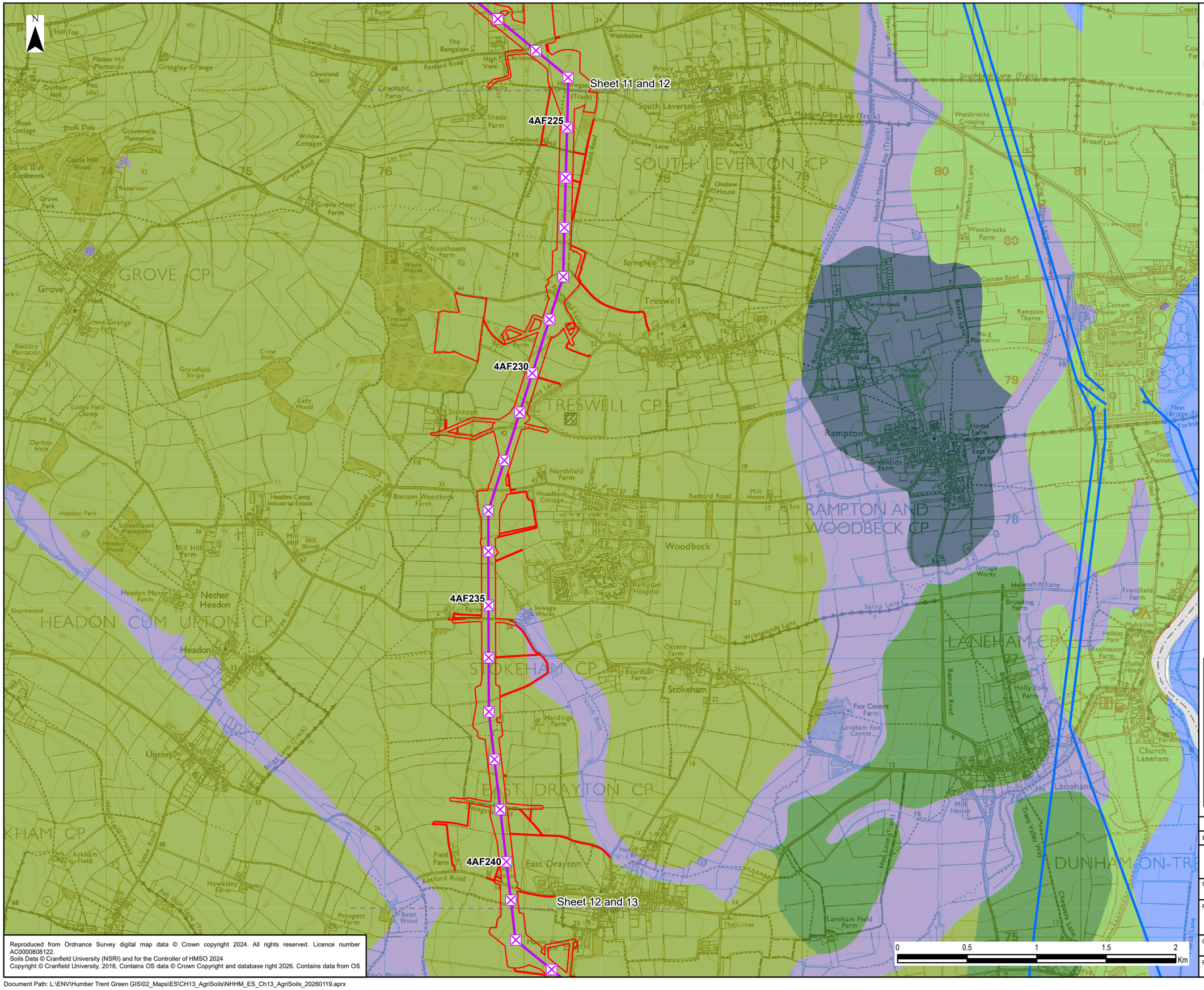
Figure Title: FIGURE 13.6 - NATIONAL SOIL MAP

Creator:	Date:	Checker:	Date:	Approver:	Date:
JG	01/10/2026	DF	01/10/2026	BL	01/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
13.6	1:25,000	A3	11 Of 13	0

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Legend

- Order Limits

Existing Overhead Line

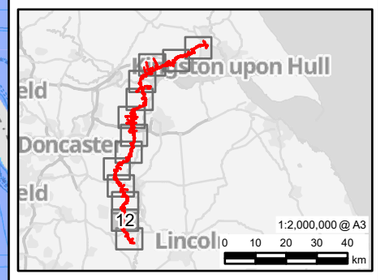
- 400 kV

Project Design Details

- Indicative New Overhead Line
- Indicative New Lattice Pylon

Soilscapes

- BLACKWOOD - Deep permeable sandy and coarse loamy soils.
- BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.
- COMPTON - Stoneless mostly reddish clayey soils affected by groundwater.
- DUNNINGTON HEATH - Reddish coarse and fine loamy over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.
- FLADBURY 2 - Stoneless clayey soils variably affected by groundwater some with sandy subsoils.
- LAKE - Lake or water body
- WORCESTER - Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.



Rev	Date	Description	GIS	Chk	App
0	01/10/2026	ENVIRONMENTAL STATEMENT	JG	DF	BL

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

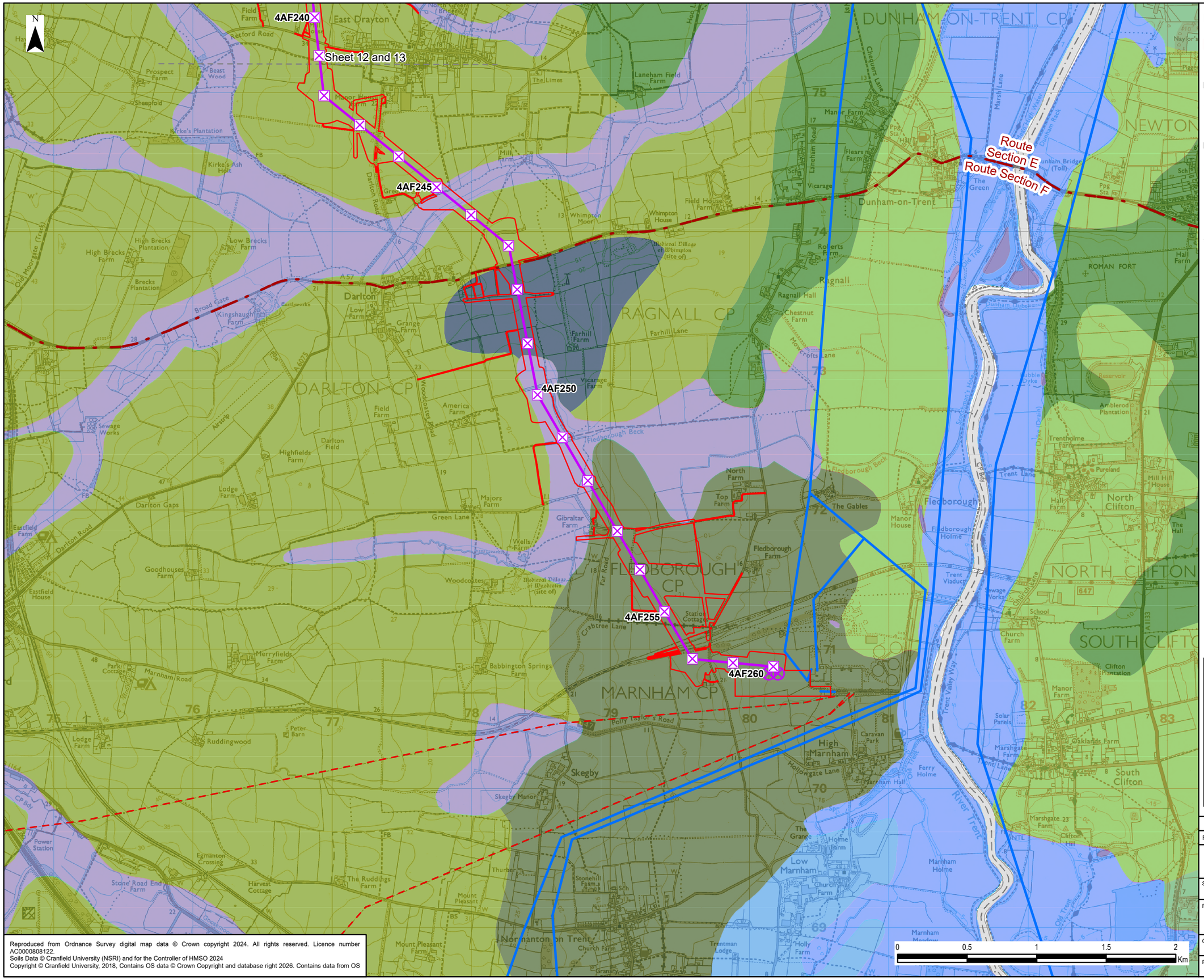
Figure Title: FIGURE 13.6 - NATIONAL SOIL MAP

Creator:	Date:	Checker:	Date:	Approver:	Date:
JG	01/10/2026	DF	01/10/2026	BL	01/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
13.6	1:25,000	A3	12 Of 13	0

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Legend

- Order Limits
- Route Section
- Existing Overhead Line
  - 275 kV
  - 400 kV
- Project Design Details
  - Indicative New Overhead Line
  - Indicative New Gantry
  - Indicative New Lattice Pylon
- Soilscapes
  - ARROW - Deep permeable coarse loamy soils affected by groundwater.
  - BLACKWOOD - Deep permeable sandy and coarse loamy soils.
  - BROCKHURST 2 - Slowly permeable seasonally waterlogged reddish fine loamy over clayey and clayey soils.
  - COMPTON - Stoneless mostly reddish clayey soils affected by groundwater.
  - DUNNINGTON HEATH - Reddish coarse and fine loamy over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.
  - FLADBURY 2 - Stoneless clayey soils variably affected by groundwater some with sandy subsoils.
  - LAKE - Lake or water body
  - NEWPORT 1 - Deep well drained sandy and coarse loamy soils.
  - WHIMPLE 3 - Reddish fine loamy or fine silty over clayey soils with slowly permeable subsoils and slight seasonal waterlogging.
  - WORCESTER - Slowly permeable non-calcareous and calcareous reddish clayey soils over mudstone, shallow on steeper slopes.

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Rev	Date	Description	GIS	Chk	App
0	01/10/2026	ENVIRONMENTAL STATEMENT	JG	DF	BL

nationalgrid

Scheme: NORTH HUMBER TO HIGH MARNHAM

Figure Title: FIGURE 13.6 - NATIONAL SOIL MAP

Creator:	Date:	Checker:	Date:	Approver:	Date:
JG	01/10/2026	DF	01/10/2026	BL	01/10/2026

Figure Ref:	Scale:	Format:	Sheets:	Rev:
13.6	1:25,000	A3	13 Of 13	0

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