The Great Grid Upgrade

Chesterfield to Willington

Preliminary Environmental Information Report

Volume 2: Chapter 10 Geology and Hydrogeology - Figures

March 2026

nationalgrid

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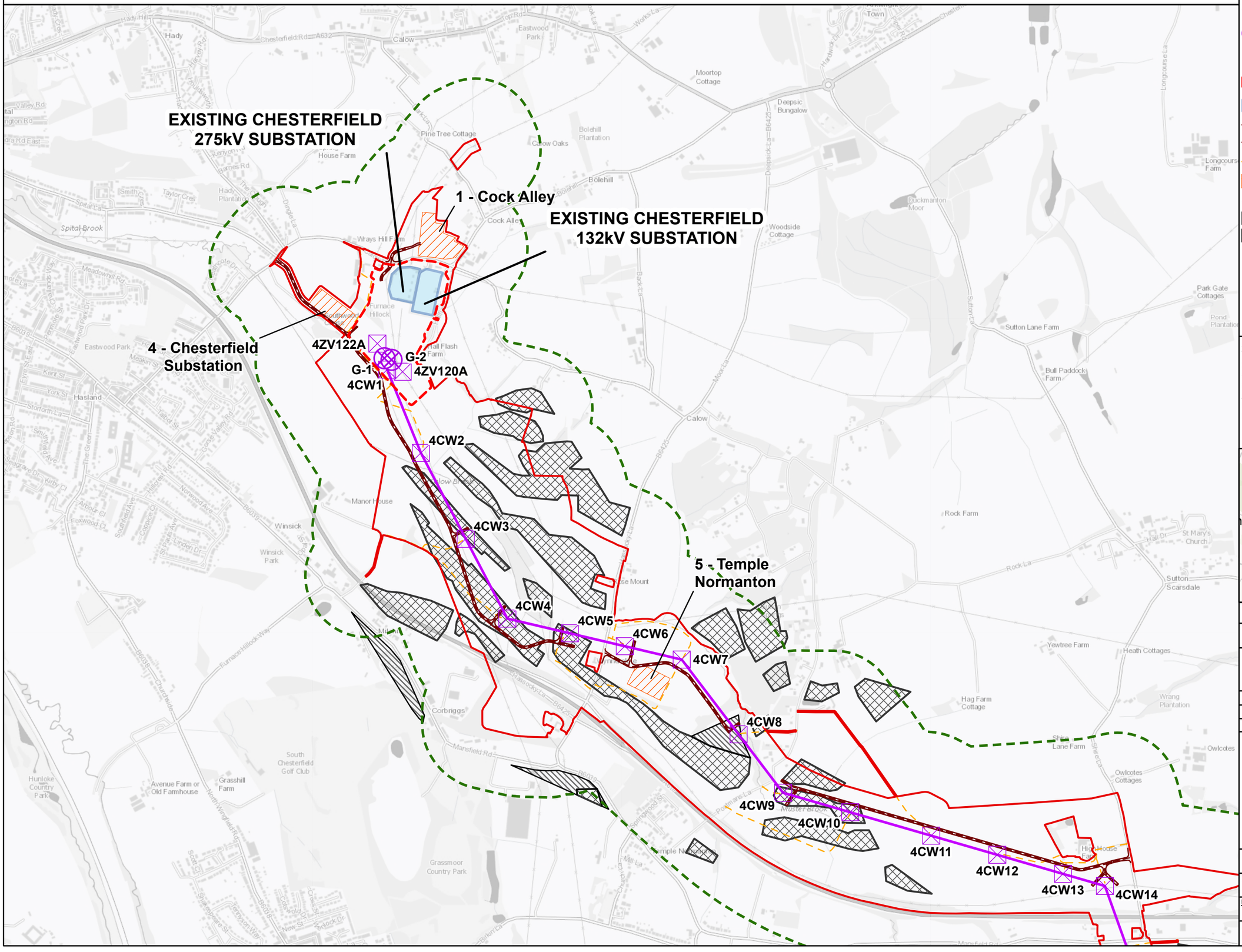
Figure 10.2	Superficial Geology
Figure 10.3	Bedrock Geology
Figure 10.4	Mineral Resources
Figure 10.5	Coal Mining Features
Figure 10.6	Unexploded Ordnance (UXO)
Figure 10.7	Potential Contaminative Land Uses
Figure 10.8	Landfill Sites
Figure 10.9	Source Protection Zones & Groundwater Abstraction Licence Points
Figure 10.10	Groundwater Vulnerability
Figure 10.11	Groundwater Dependent Terrestrial Ecosystems (GWDTE)

FIGURE 10.1:
ARTIFICIAL GROUND



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)

Notes

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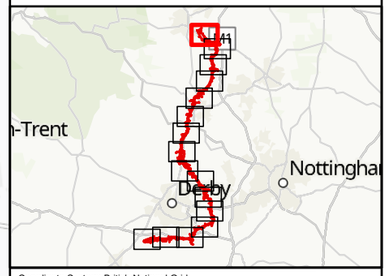

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0 200 400 600 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

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Figure Number	Drawing Reference		
Figure 10.1	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000022		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 1 OF 16	1

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FIGURE 10.1:
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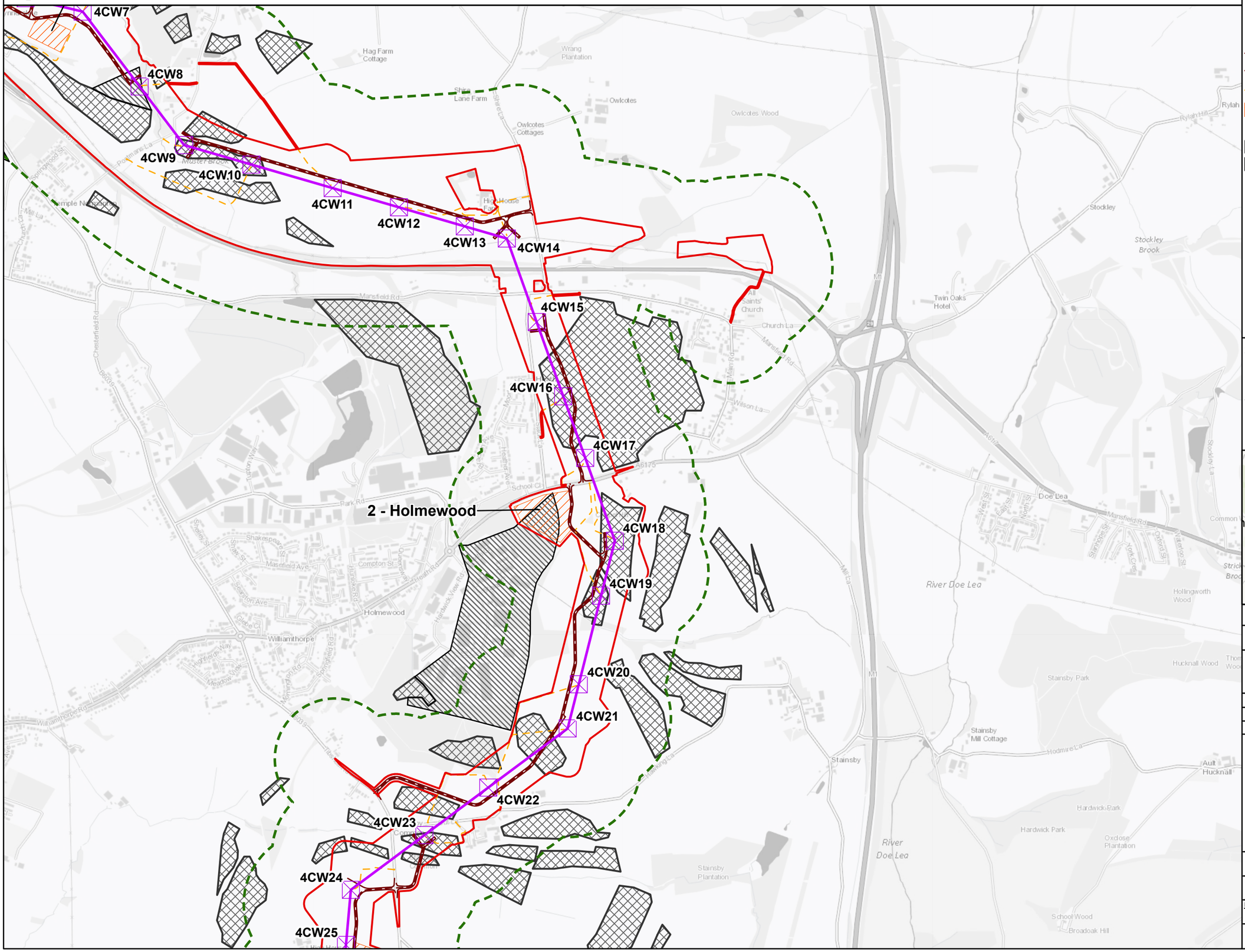

Legend

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- Indicative New Pylon Location
- Indicative Haulage Road Center line
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Artificial Ground

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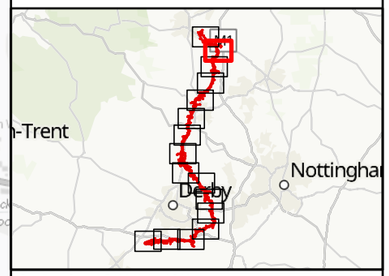

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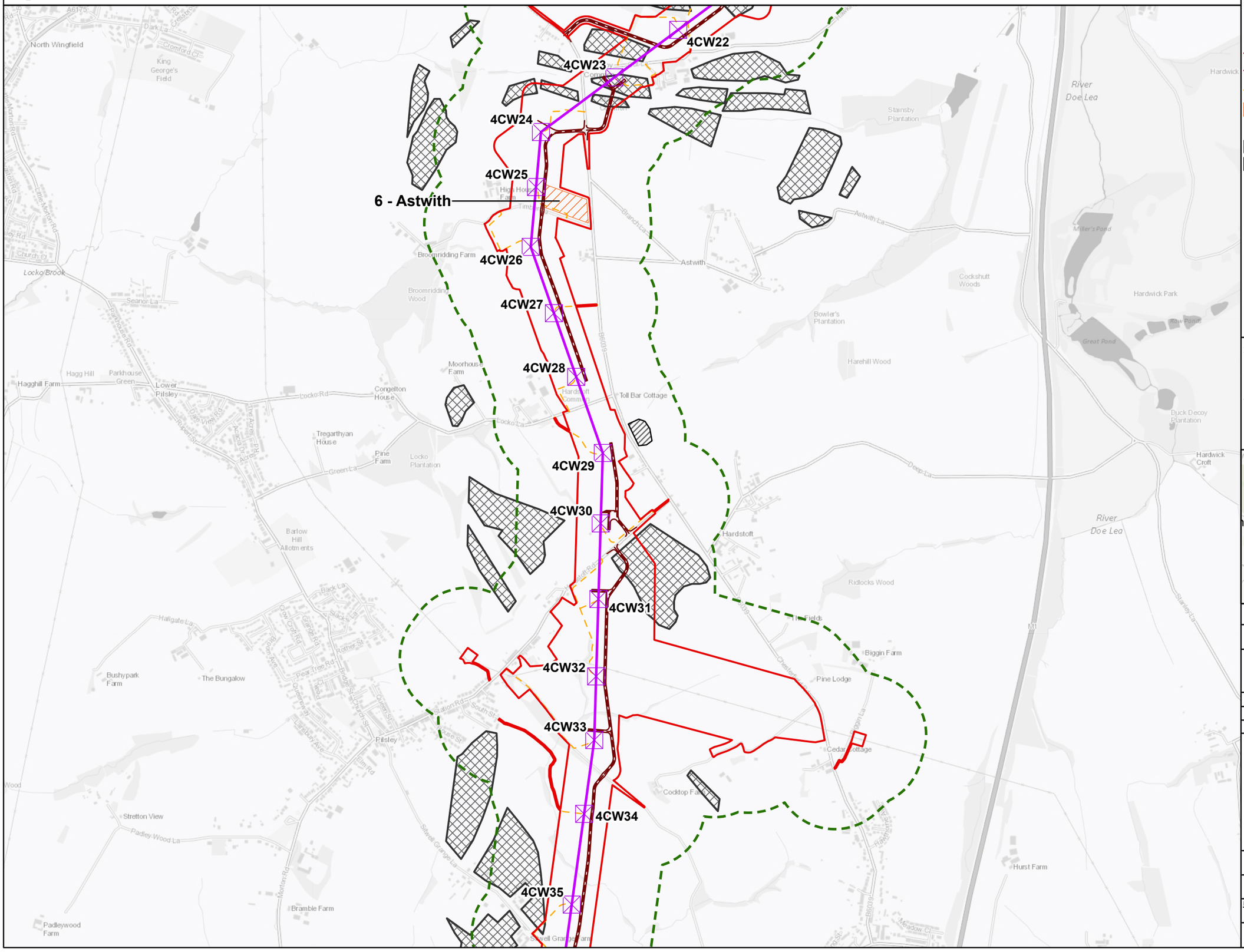
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

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- Draft Order Limit Buffer 250m
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- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- WORKED GROUND (UNDIVIDED)

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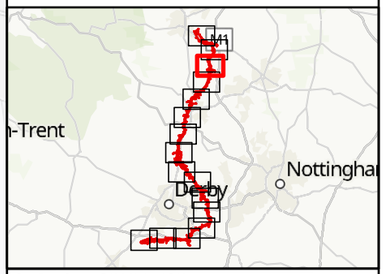

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ARTIFICIAL GROUND

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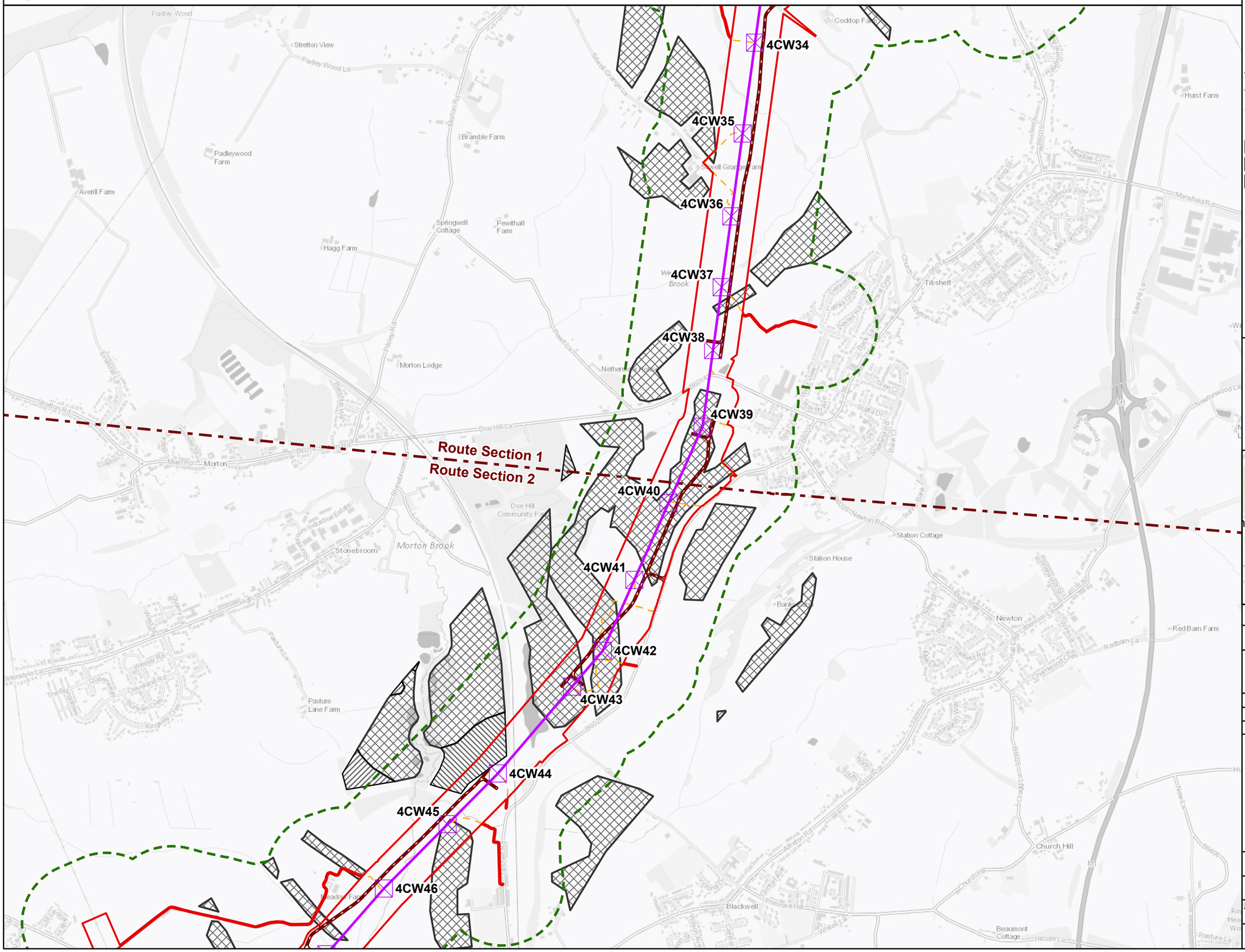
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

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- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)
- WORKED GROUND (UNDIVIDED)

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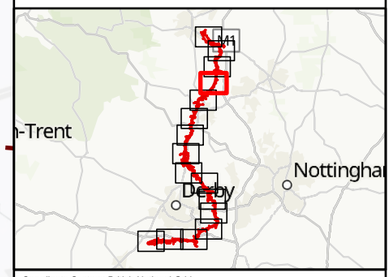

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FIGURE 10.1:
ARTIFICIAL GROUND

4CW45
4CW46
4CW47
4CW48
4CW49
4CW50
4CW51
4CW52
4CW53
4CW54
4CW55
4CW56
4CW57
4CW58
4CW59
8 - Alfreton

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)

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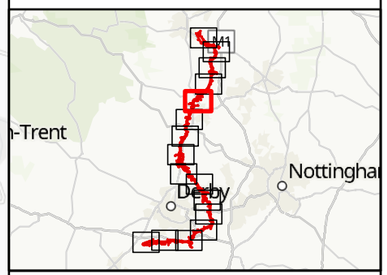

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Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

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Figure Number: Figure 10.1

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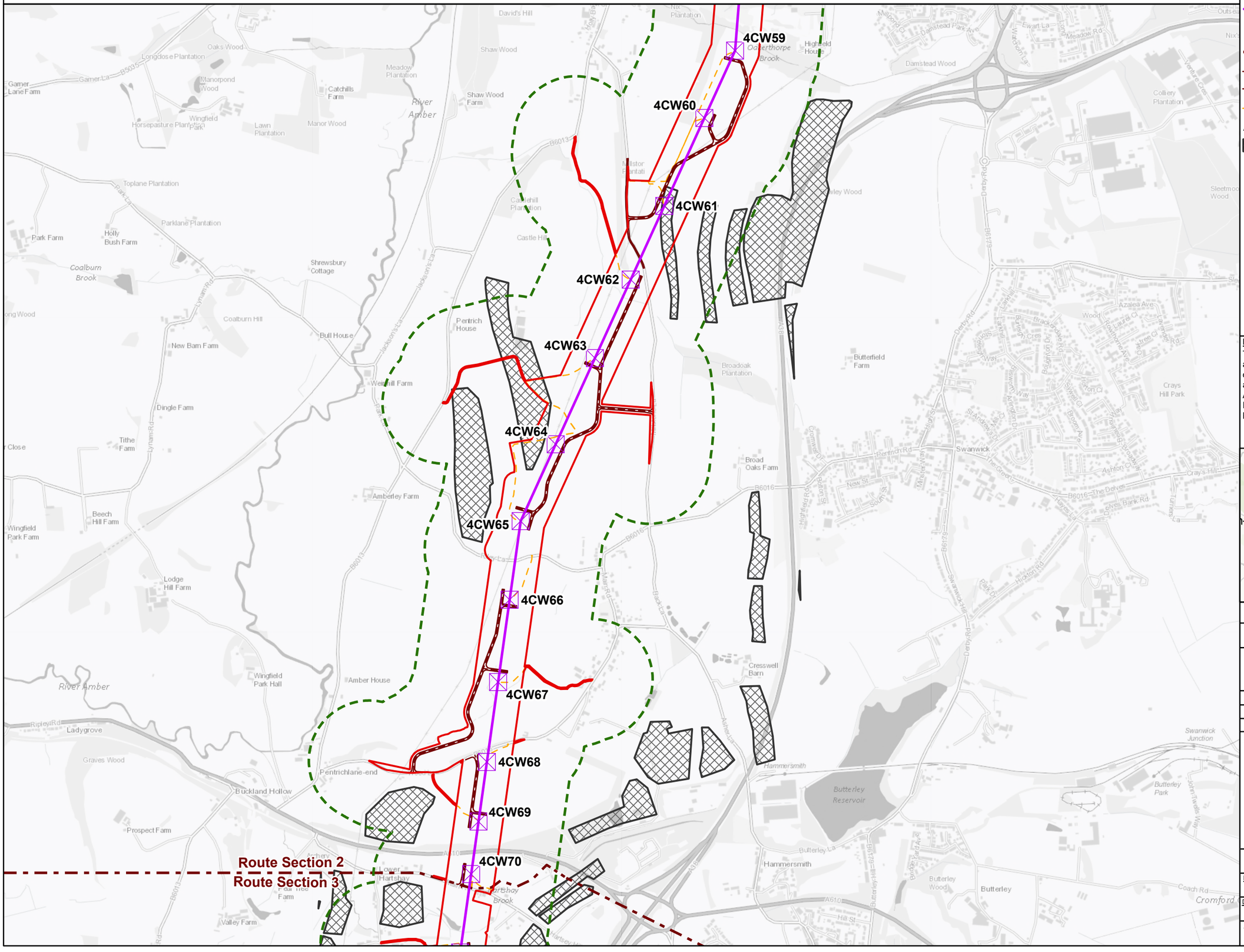
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Artificial Ground

- INFILLED GROUND

Notes

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FIGURE 10.1:
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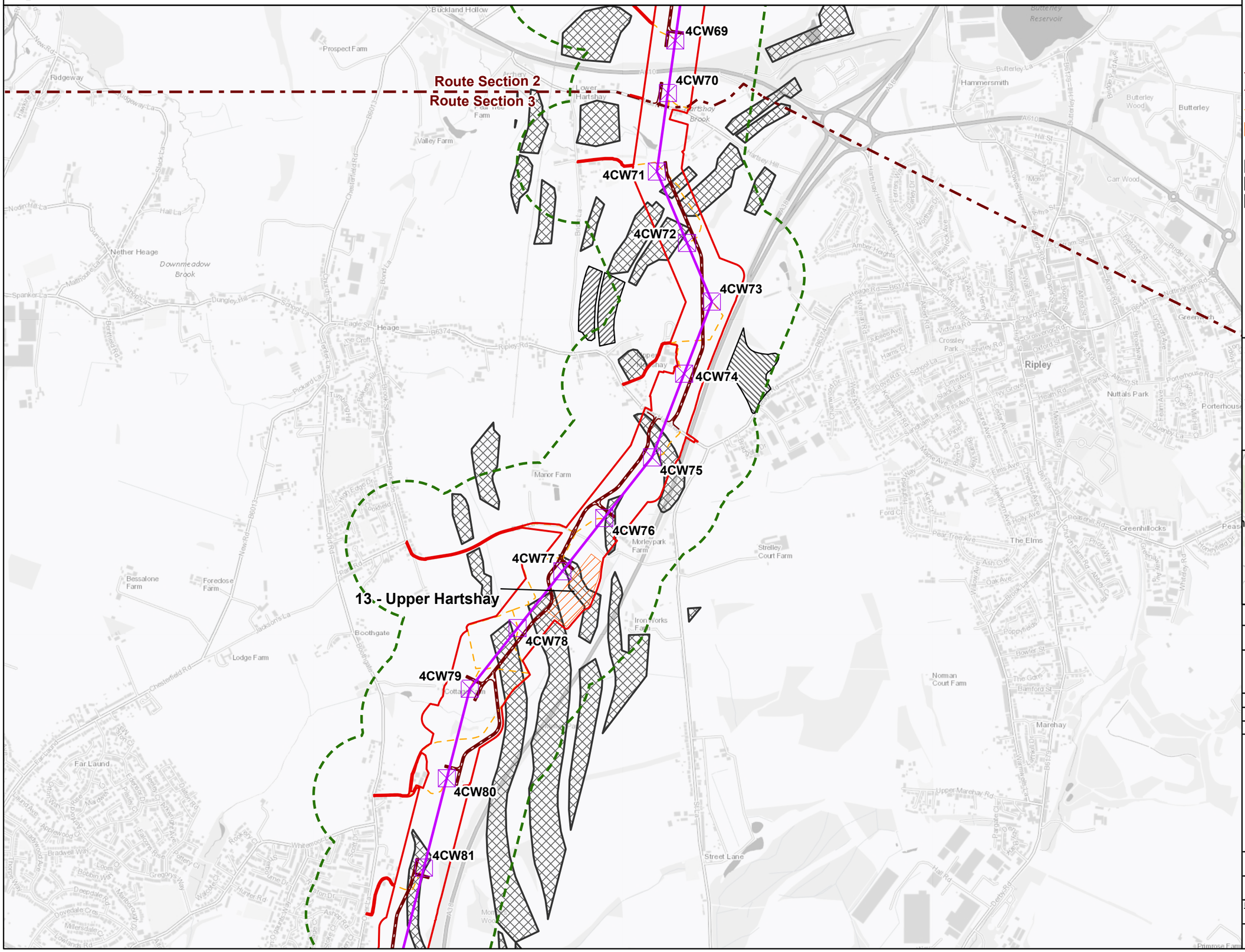

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- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
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- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

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- MADE GROUND (UNDIVIDED)
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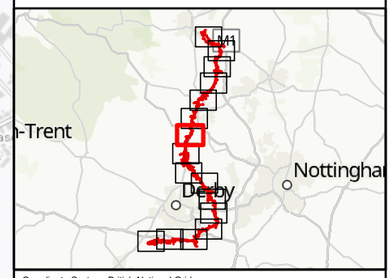

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FIGURE 10.1:
ARTIFICIAL GROUND

4CW82
4CW83
4CW84
4CW85
4CW86
4CW87
4CW88
4CW89
4CW90
4CW91
4CW92
4CW93

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Artificial Ground

- INFILLED GROUND

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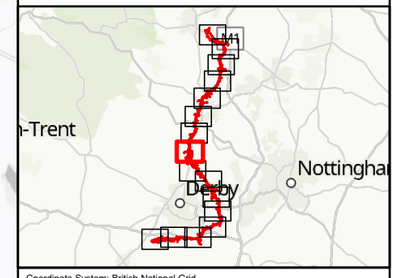

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0 200 400 600 Metres

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CHESTERFIELD TO WILLINGTON
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FIGURE 10.1:
ARTIFICIAL GROUND

4CW93
4CW94
4CW95
4CW96
4CW97
4CW98
4CW99
4CW100
4CW101
4CW102
4CW103
4CW104
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
12 - Morley Hayes
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND

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FIGURE 10.1:
ARTIFICIAL GROUND

4CW103
4CW104
12 - Morley Hayes
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
4CW111
4CW112
4CW113
4CW114
4CW115
4CW116
4CW117
4CW118
4CW119
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
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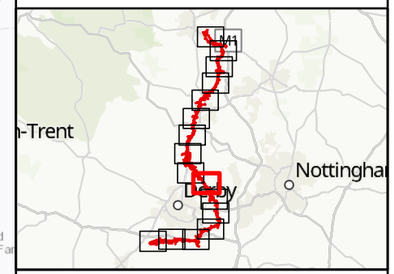

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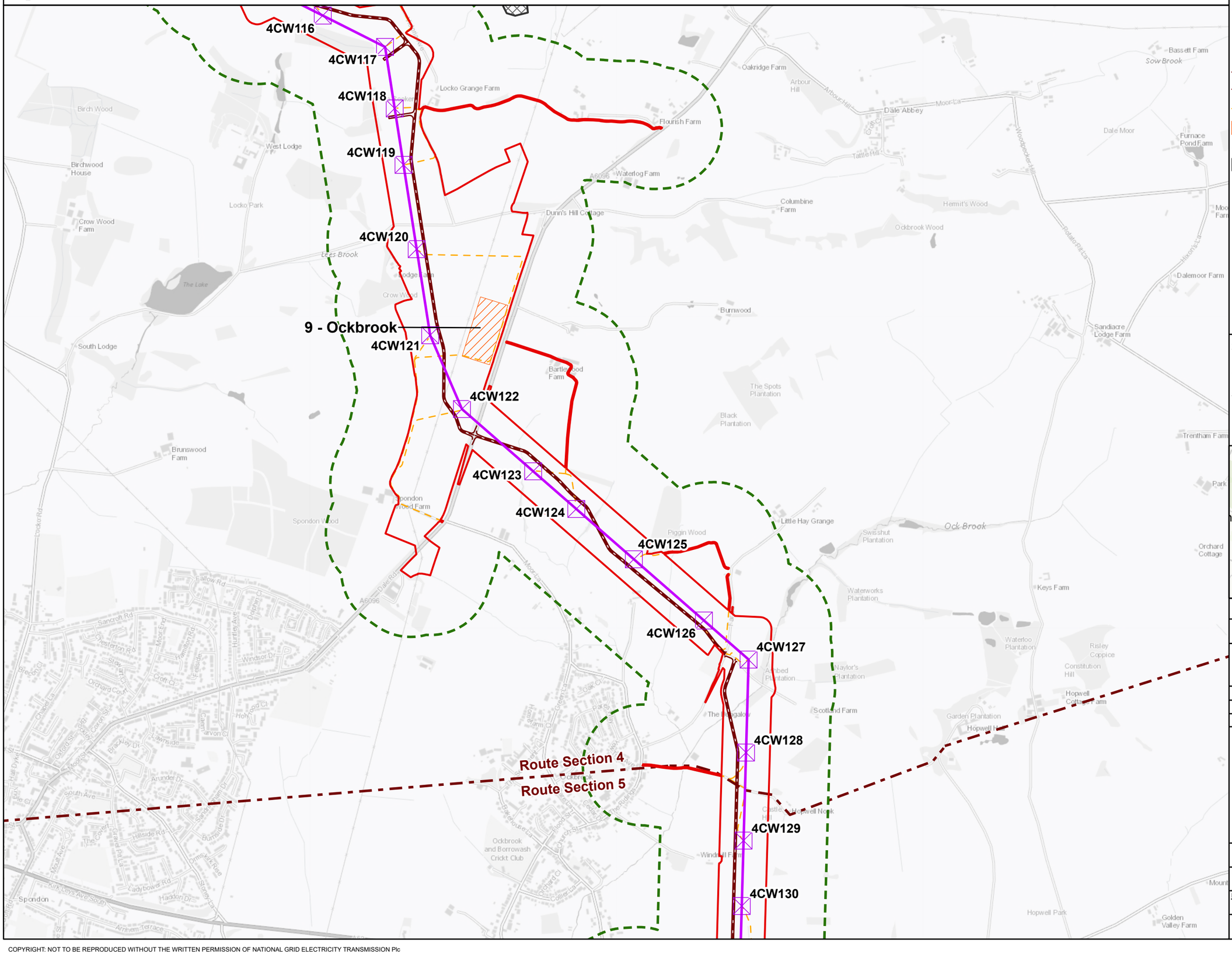

Legend

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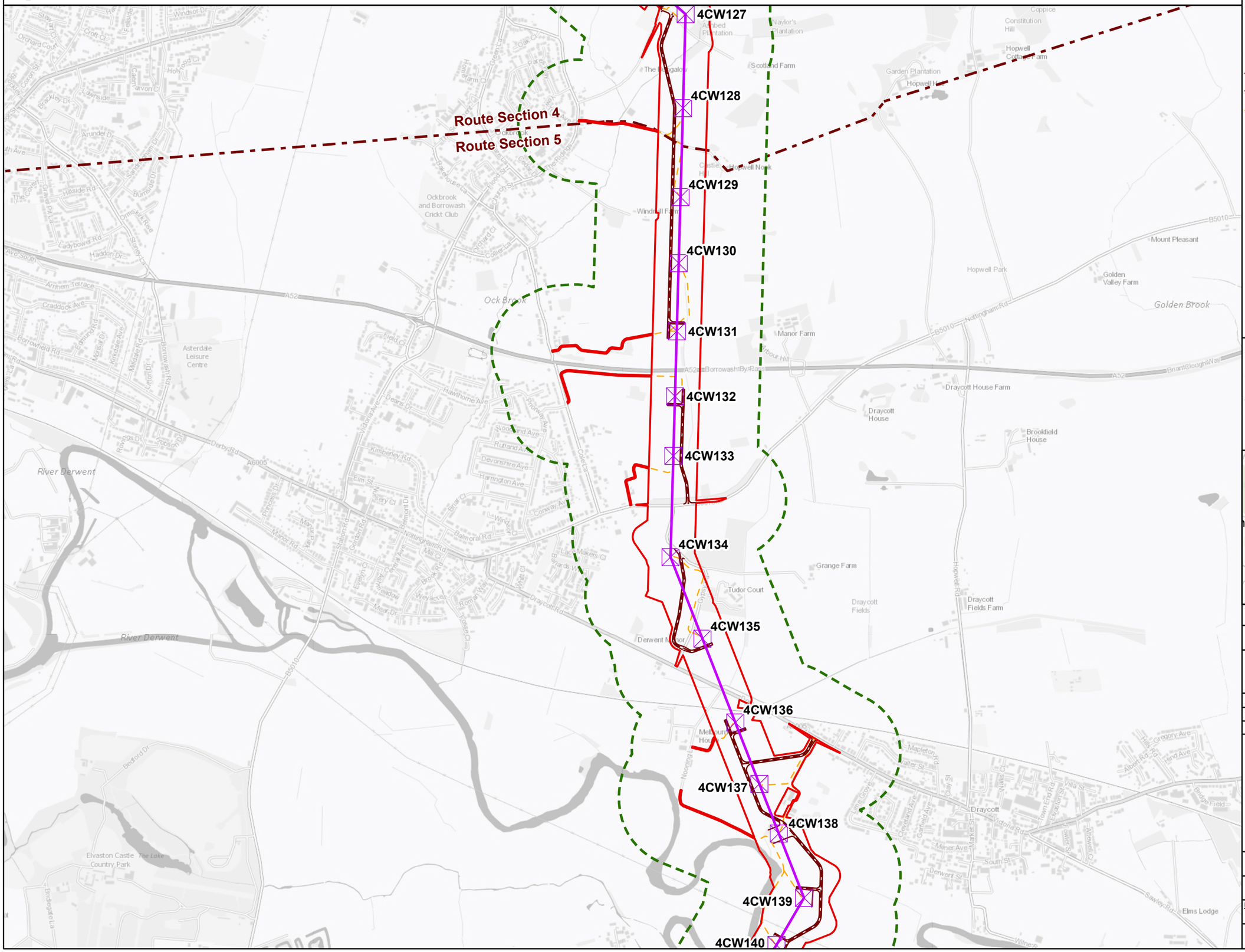
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

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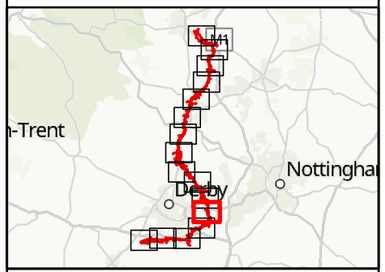

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 600 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

nationalgrid

Figure Number: Figure 10.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000022

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 12 OF 16	1

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FIGURE 10.1:
ARTIFICIAL GROUND

4CW137
4CW138
4CW139
4CW140
4CW141
4CW142
4CW143
4CW144
4CW145
4CW146
4CW147
4CW148
4CW149
4CW150
4CW151
4CW152
4CW153
4CW154
4CW155
4CW156
4CW157
10 - Thulston

Elvaston Castle Country Park
The Lake
Oak Flat
Coronation Plantation
Keepers Cottage
Elvaston
B5010 Main Rd
Bridleagate La
Silver La
Ambaston
Ambaston La
River Derwent
Main St
Thulston
Oak Rd
Brook Rd
Ball La
Woodford Dr
Bowes Rd
Tulip House
Glebe Farm
Shardlow Moor
Bottom Wood
Shardlow
B5010
Derby Rd
A50
Fox Covert Farm
Brickyard Plantation
Marsh Flatts
Aston Moor
Clover Leaf Farm
Far Moorside Cottage
Gangway Cottage
Aston Hill
Toadhole Plantation
Rectory Farm
Moorside House
Roydon Hall Farm
Willington Farm
Ambaston La
Aston La
London Rd
The Wharf
Grand Bank
Derwent St
Miner Ave
Day St
Market St
Cleveland Ave
Garfield Ave
Lime Grove
Noon St
Nestfield Cl
Carsyke Cl
Stocks Ave
Elvaston La
Wheatside Cl
Simpson Croft
Keldholme La
Meadow Rd
Woodwood Dr
Arnham Way
Shardlow Rd
Bucombe Dr
Meadow Rock
Croft
Mill Hill
Cowell Dr
Mountside
Severlands Dr
Woodford Dr
Bowes Rd
Bramley Dr
Elton
Elm Way
Glenn Way
West End Dr
Spital Cl
Mod La
Manor Farm Rd
Long Croft
Hamilton Ave

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)
- WORKED GROUND (UNDIVIDED)

Notes

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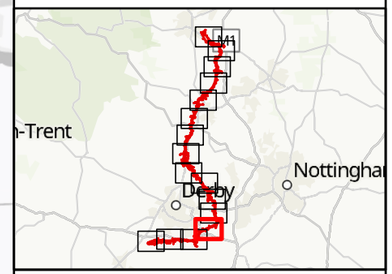

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 600 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

nationalgrid

Figure Number
Figure 10.1

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000022

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 13 OF 16	1

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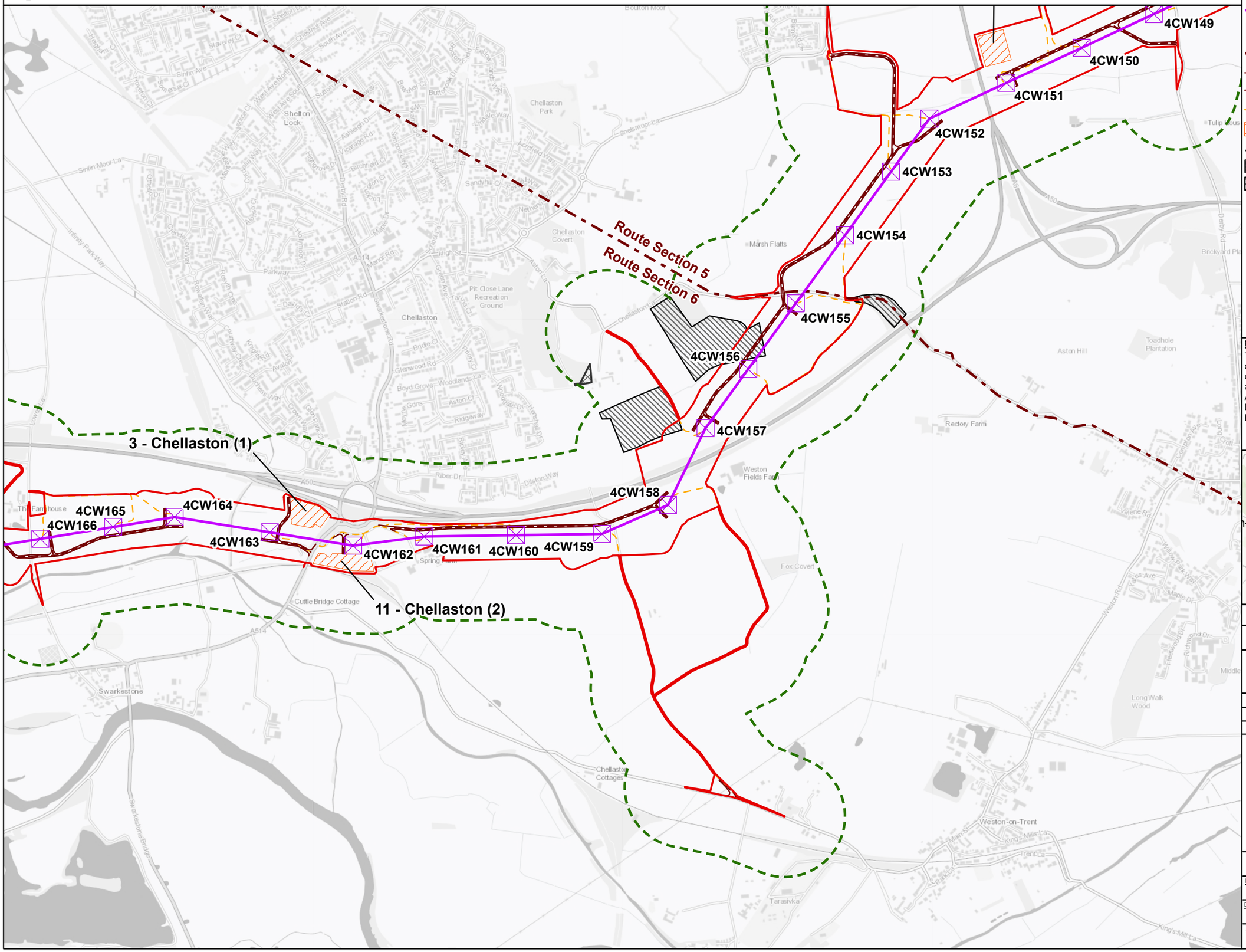
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)

Notes

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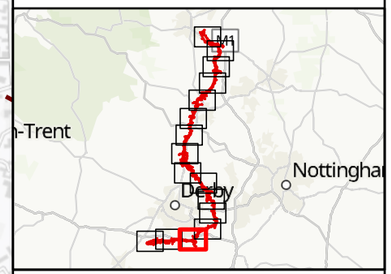

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

nationalgrid

Figure Number: Figure 10.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000022

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 14 OF 16	1

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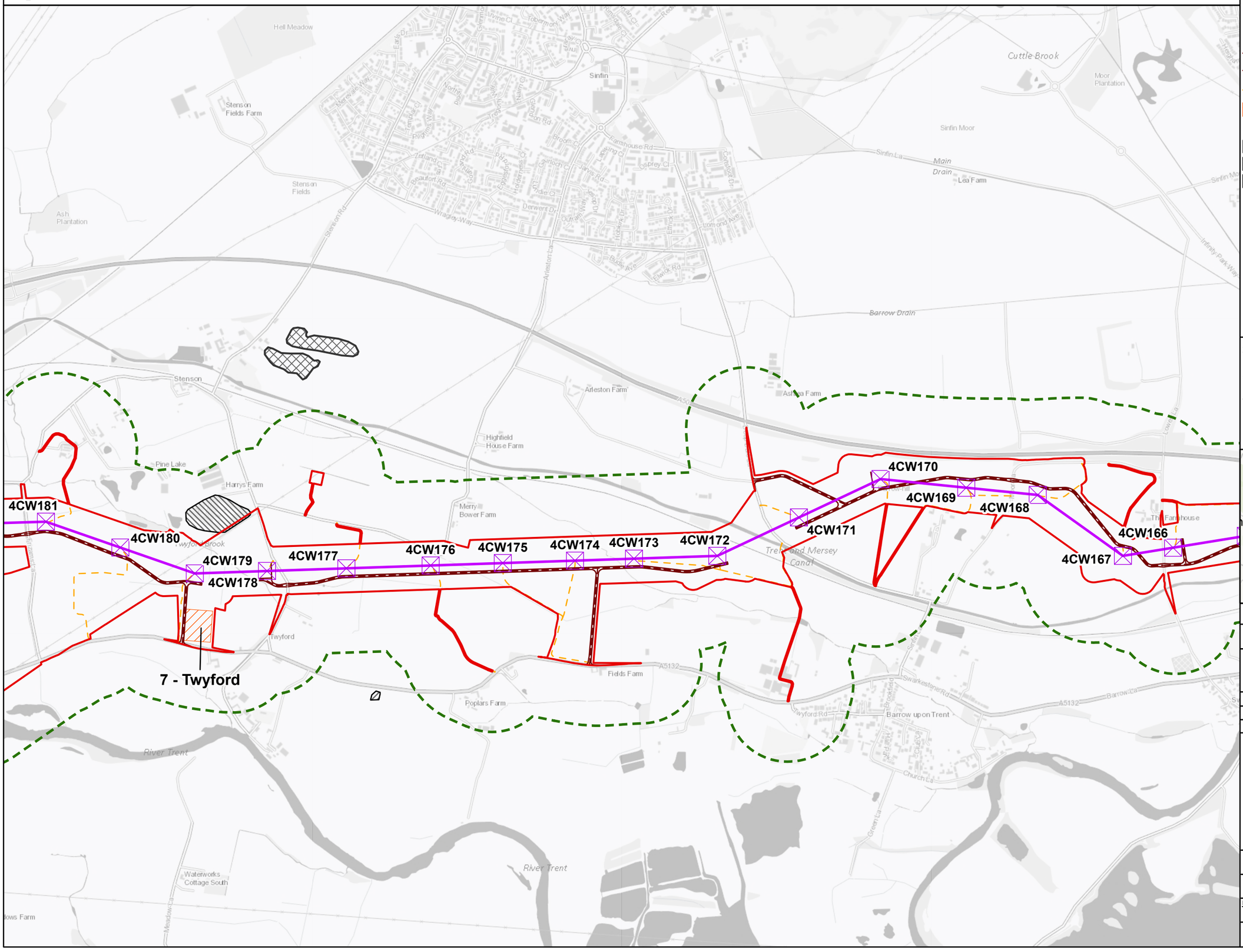
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)
- WORKED GROUND (UNDIVIDED)

Notes

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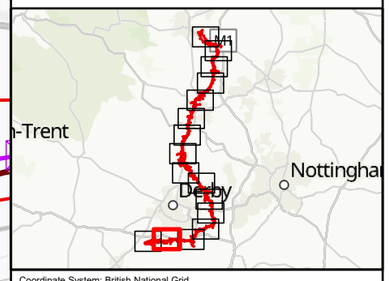

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

nationalgrid

Figure Number: Figure 10.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000022

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 15 OF 16	1

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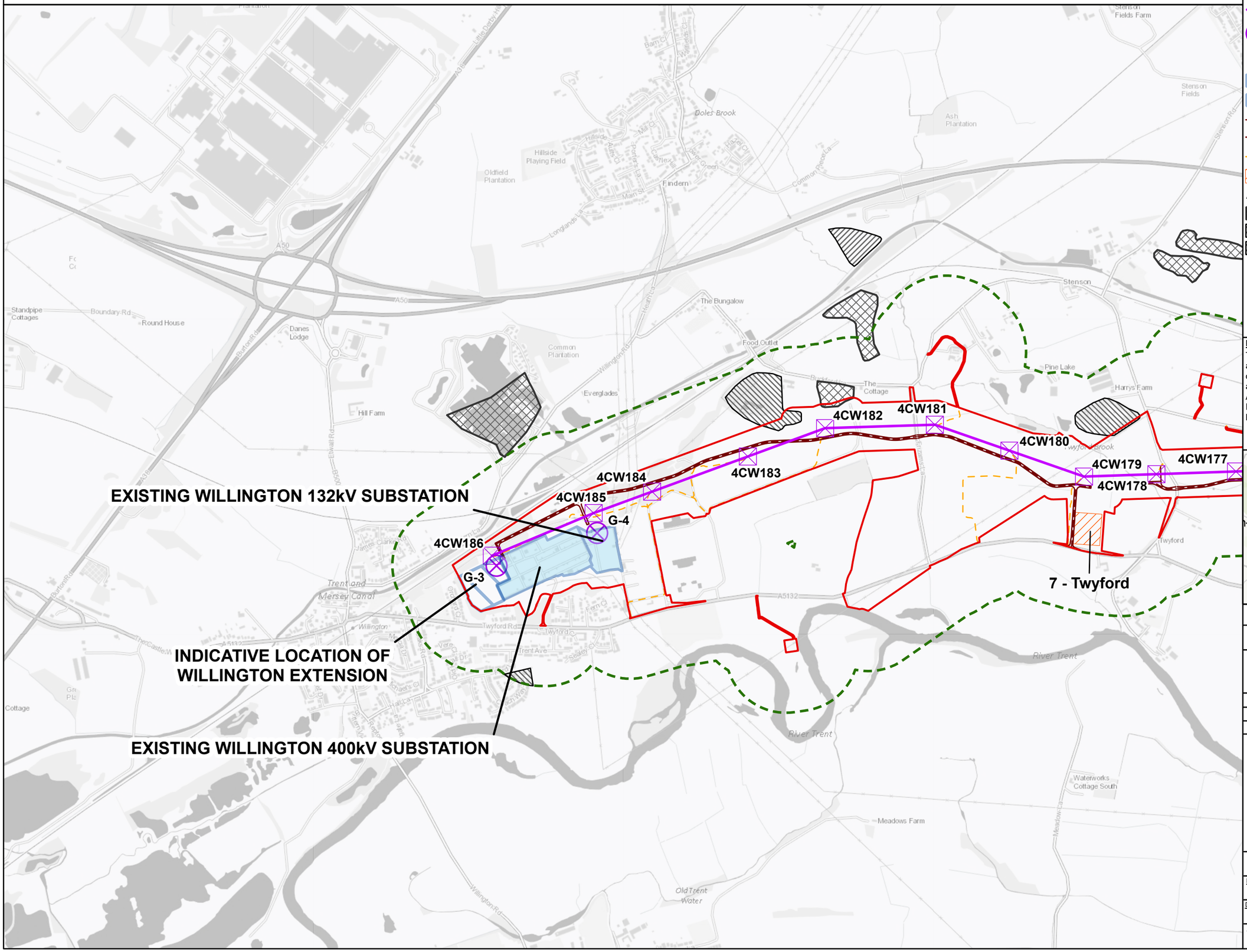
FIGURE 10.1:
ARTIFICIAL GROUND



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Artificial Ground

- INFILLED GROUND
- MADE GROUND (UNDIVIDED)
- WORKED GROUND (UNDIVIDED)

Notes

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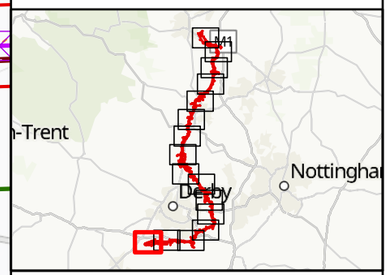

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
ARTIFICIAL GROUND

nationalgrid

Figure Number: Figure 10.1

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000022

Scale	Sheet Size	Sheet	Issue
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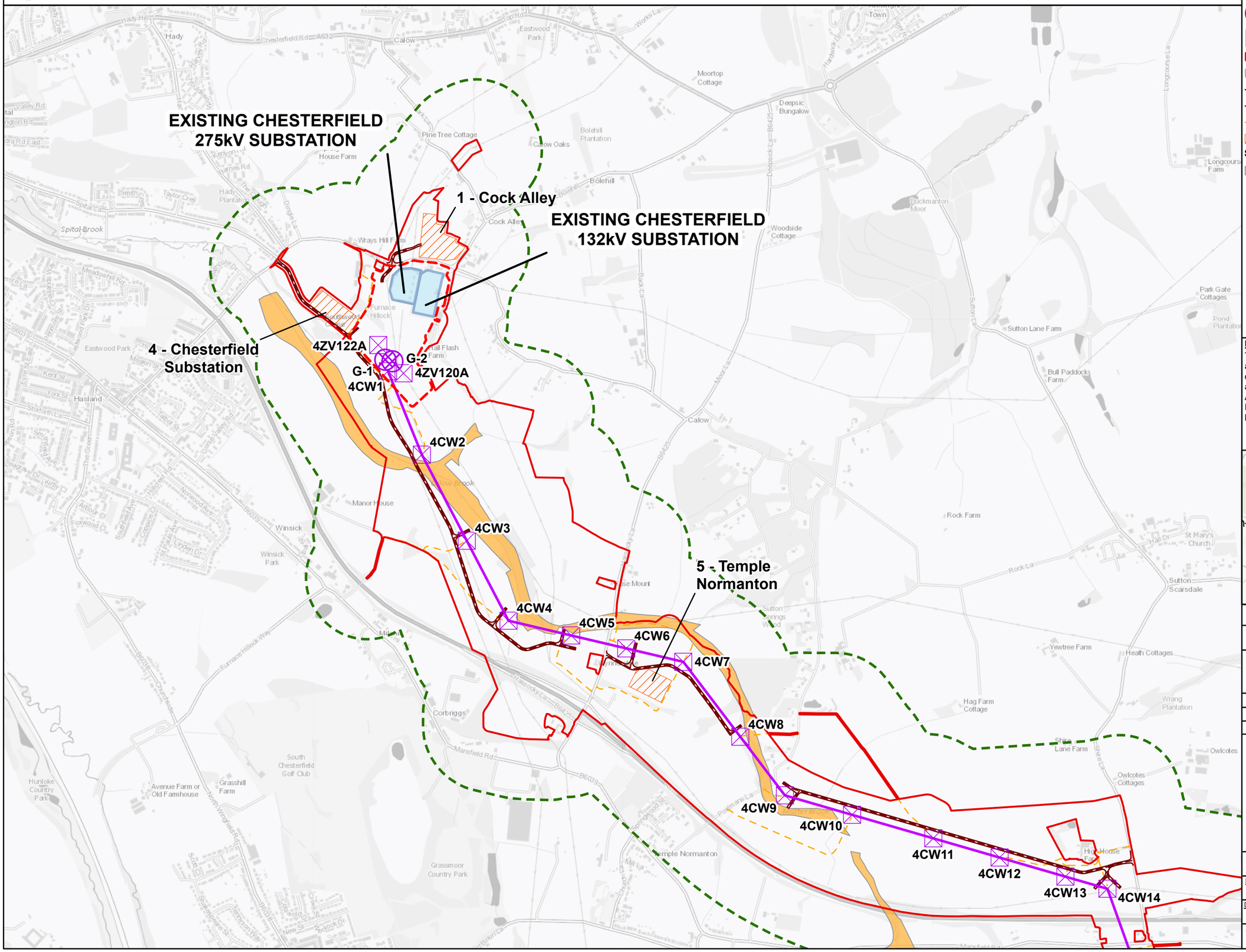
FIGURE 10.2:
SUPERFICIAL GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Gravel, Sand, Silt and Clay

Notes

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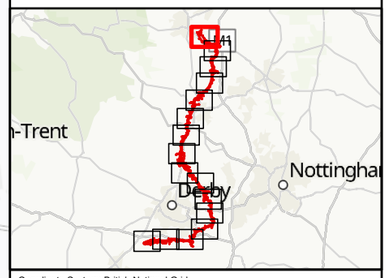

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 600 Metres

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1	Jan 2026	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number			
Figure 10.2			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016			
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 1 OF 16	1

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FIGURE 10.2:
SUPERFICIAL GEOLOGY

4CW7
4CW8
4CW9
4CW10
4CW11
4CW12
4CW13
4CW14
4CW15
4CW16
4CW17
4CW18
4CW19
4CW20
4CW21
4CW22
4CW23
4CW24
4CW25
2 - Holmewood

Hag Farm Cottage
Wrang Plantation
Shire Lane Farm
Owlcotes
Owlcotes Cottages
Owlcotes Wood
Rylah
Rylah Hill
Potmans La
Spinkhill
Mill La
Church La
Ample Normanton
Chesterfield Rd
B6039
Mansfield Rd
High House Farm
Stockley
Stockley Brook
M1
All Saints' Church
Twin Oaks Hotel
Main Rd
Wilson La
Heath
Heathfield Ave
School Cl
A6175
Park Rd
Shakespeare St
Shirley St
Masefield Ave
Compton St
Dunsmore Rd
Mansfield Rd
Scarsdale Ave
Grebe Cl
Holmewood
Williamthorpe
Hunters Way
Meadow View
Williamthorpe Rd
Chapel Hill
Doe Lea
West St
East St
North St
Stanhope St
York Cres
Oxford St
Waterloo St
Common
Mill La
River Doe Lea
Hollingworth Wood
Hucknall Wood
Stainsby Park
Stainsby Mill Cottage
Hodmire La
Stainsby
Ault Hucknall
Hardwick Park
Oxclose Plantation
Stainsby Plantation
School Wood
Broadoak Hill
Stockley La

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Gravel, Sand, Silt and Clay

Notes

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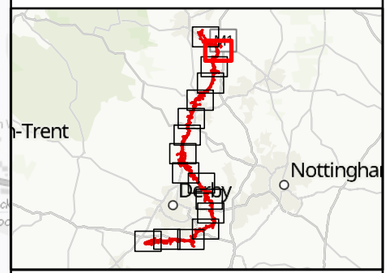

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 600 Metres

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1	Jan 2026	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
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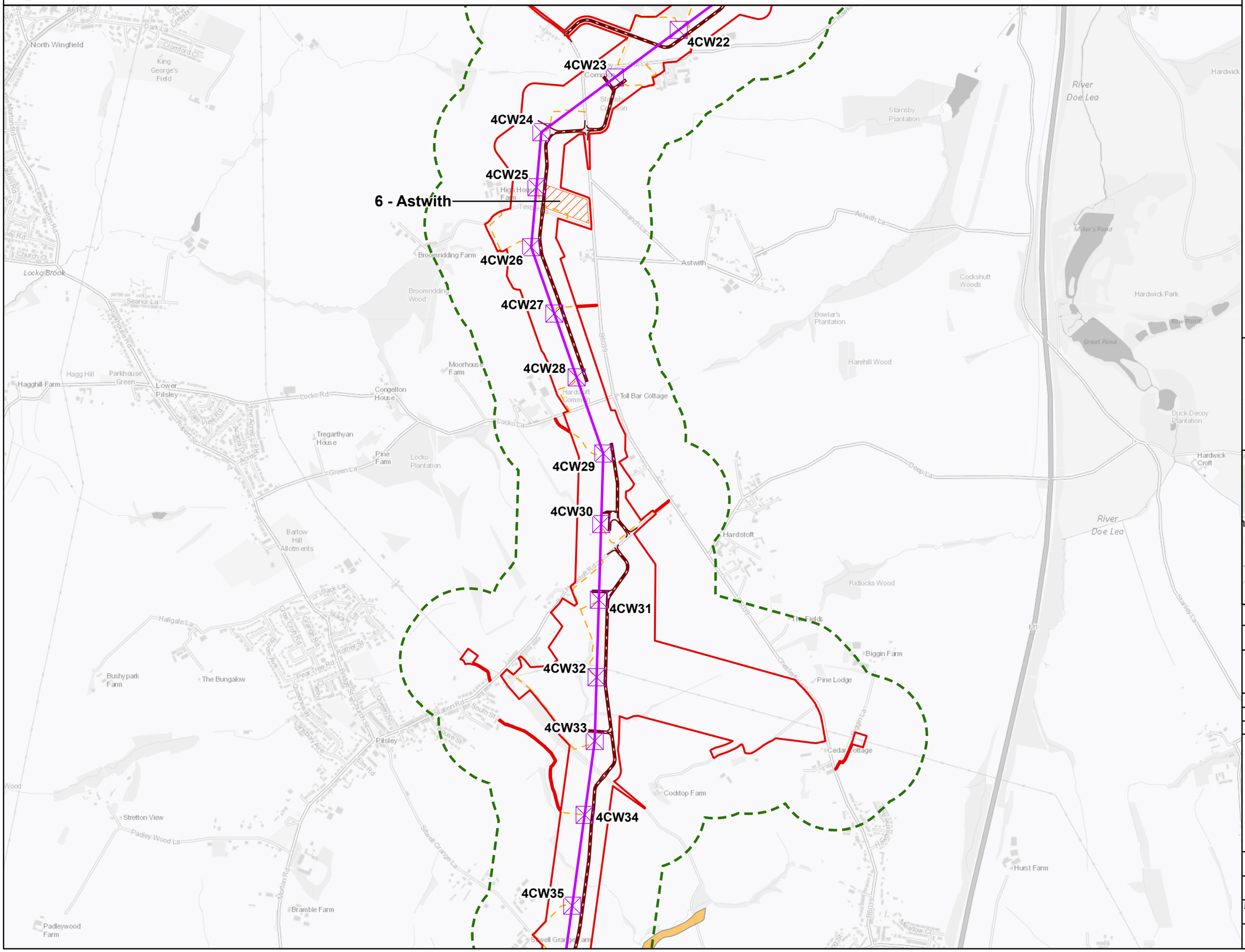
FIGURE 10.2:
SUPERFICIAL GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Gravel, Sand, Silt and Clay

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 3 OF 16	1

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FIGURE 10.2:
SUPERFICIAL GEOLOGY

4CW34
4CW35
4CW36
4CW37
4CW38
4CW39
4CW40
4CW41
4CW42
4CW43
4CW44
4CW45
4CW46

Route Section 1
Route Section 2

Padley Wood
Stretton View
Padley Wood La
Cocktop Farm
Hurst Farm
Bramble Farm
Padleywood Farm
Averill Farm
Springwell Cottage
Pewithall Farm
Hagg Farm
Morton Lodge
Nether Moor House
Tibshelf
Morton
Doe Hill Community Park
Stonebroom
Morton Brook
Station Cottage
Station House
Banks Farm
Newton
Red Barn Farm
Pasture Lane Farm
Blackwell
Church Hill
Beaumont Cottage

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Alluvium - Gravel, Sand, Silt and Clay

Notes

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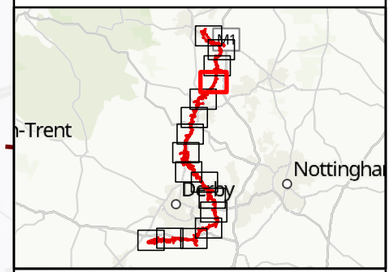

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 4 OF 16	1

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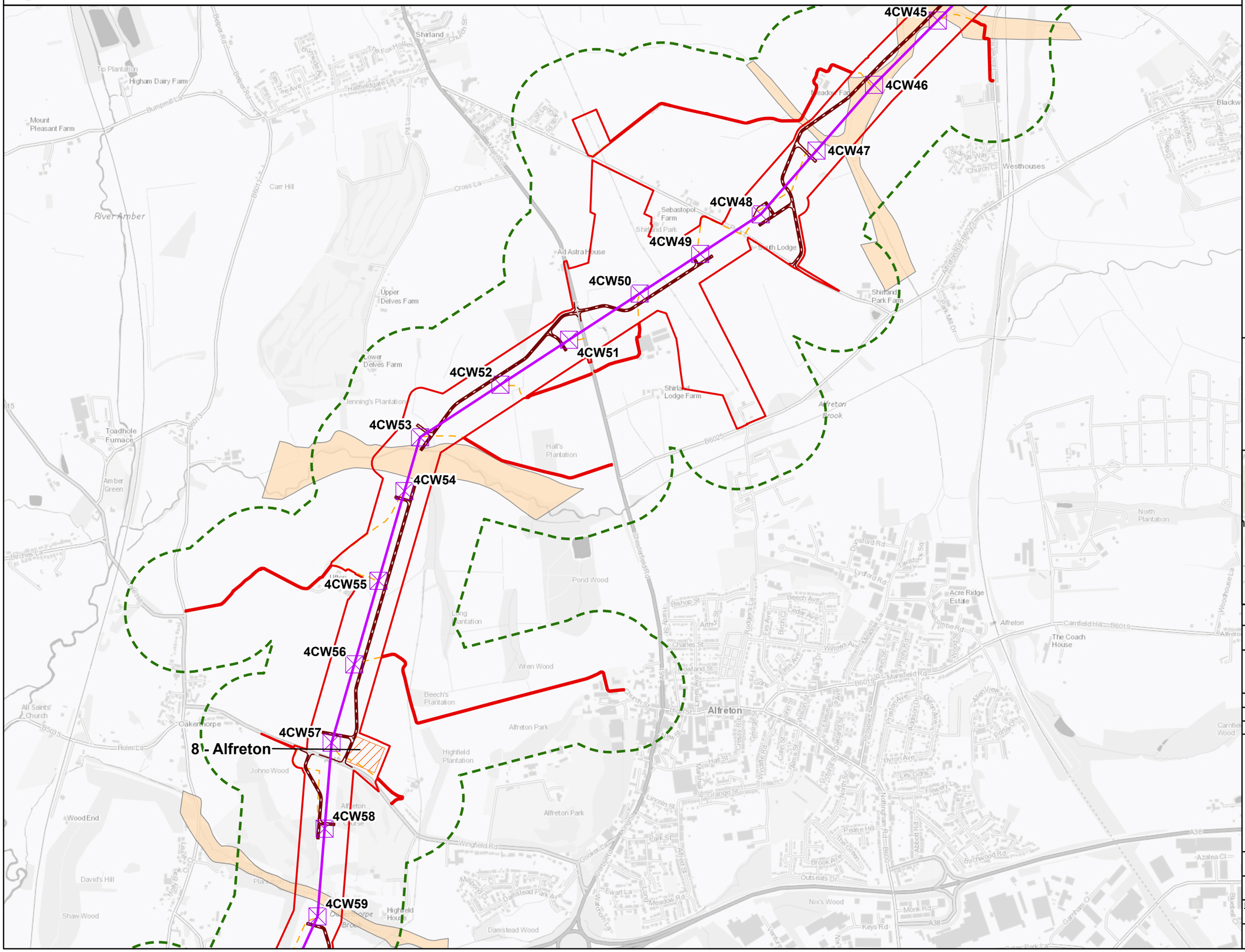
FIGURE 10.2:
SUPERFICIAL GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel

Notes

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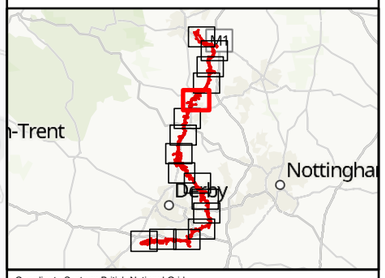

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 5 OF 16	1

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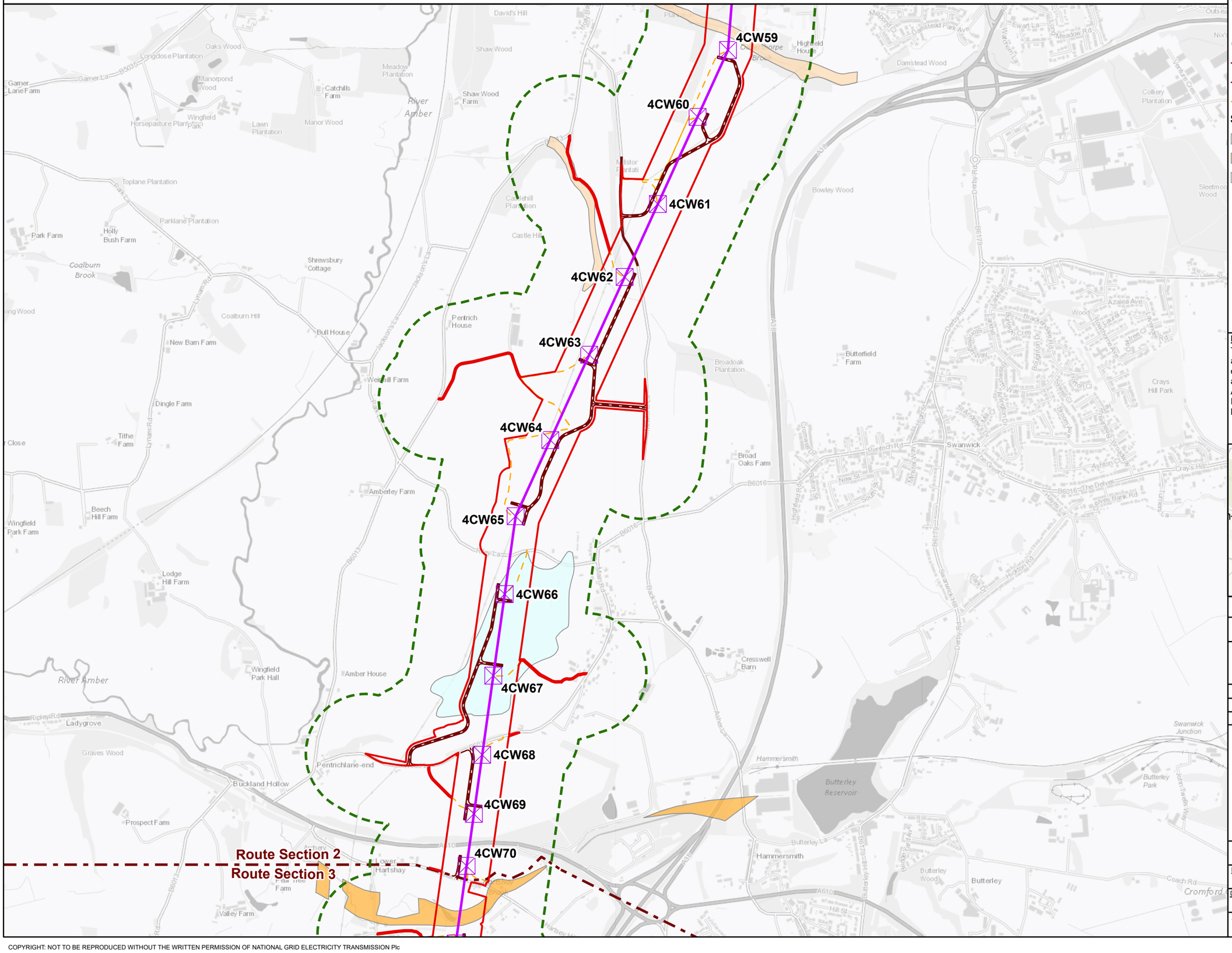
FIGURE 10.2:
SUPERFICIAL GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Alluvium - Gravel, Sand, Silt and Clay
- Till, Mid Pleistocene - Diamicton

Notes

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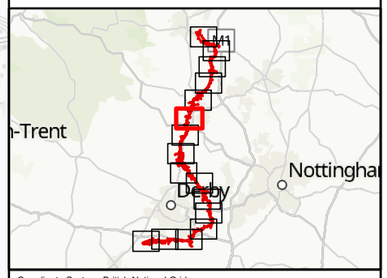

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

0 200 400 600 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Jan 2026	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 6 OF 16	1

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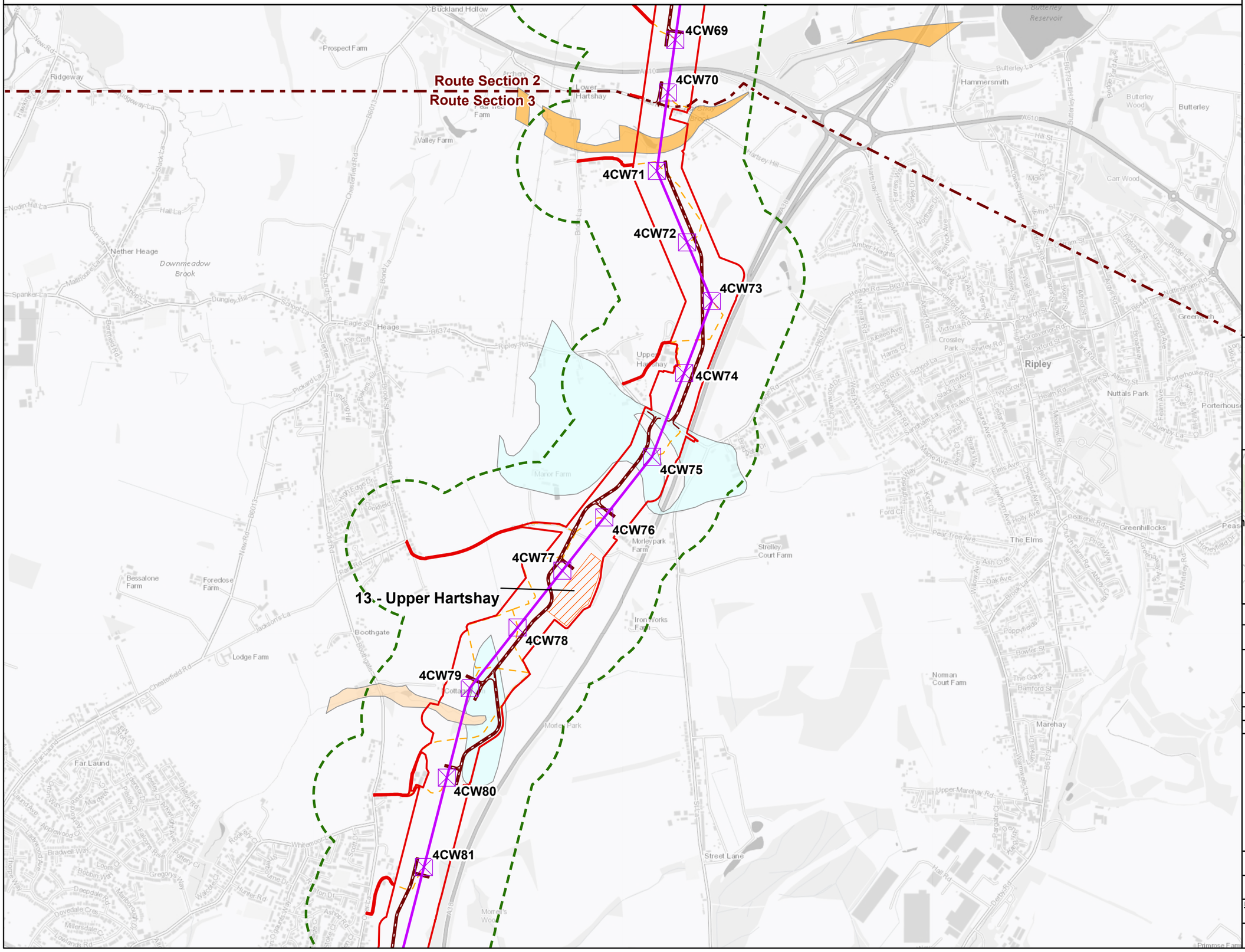
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Alluvium - Gravel, Sand, Silt and Clay
- Till, Mid Pleistocene - Diamicton

Notes

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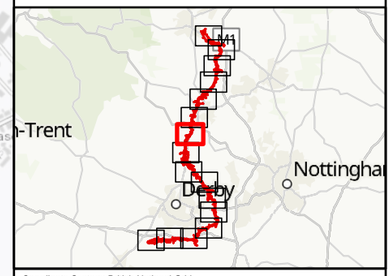

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 7 OF 16	1

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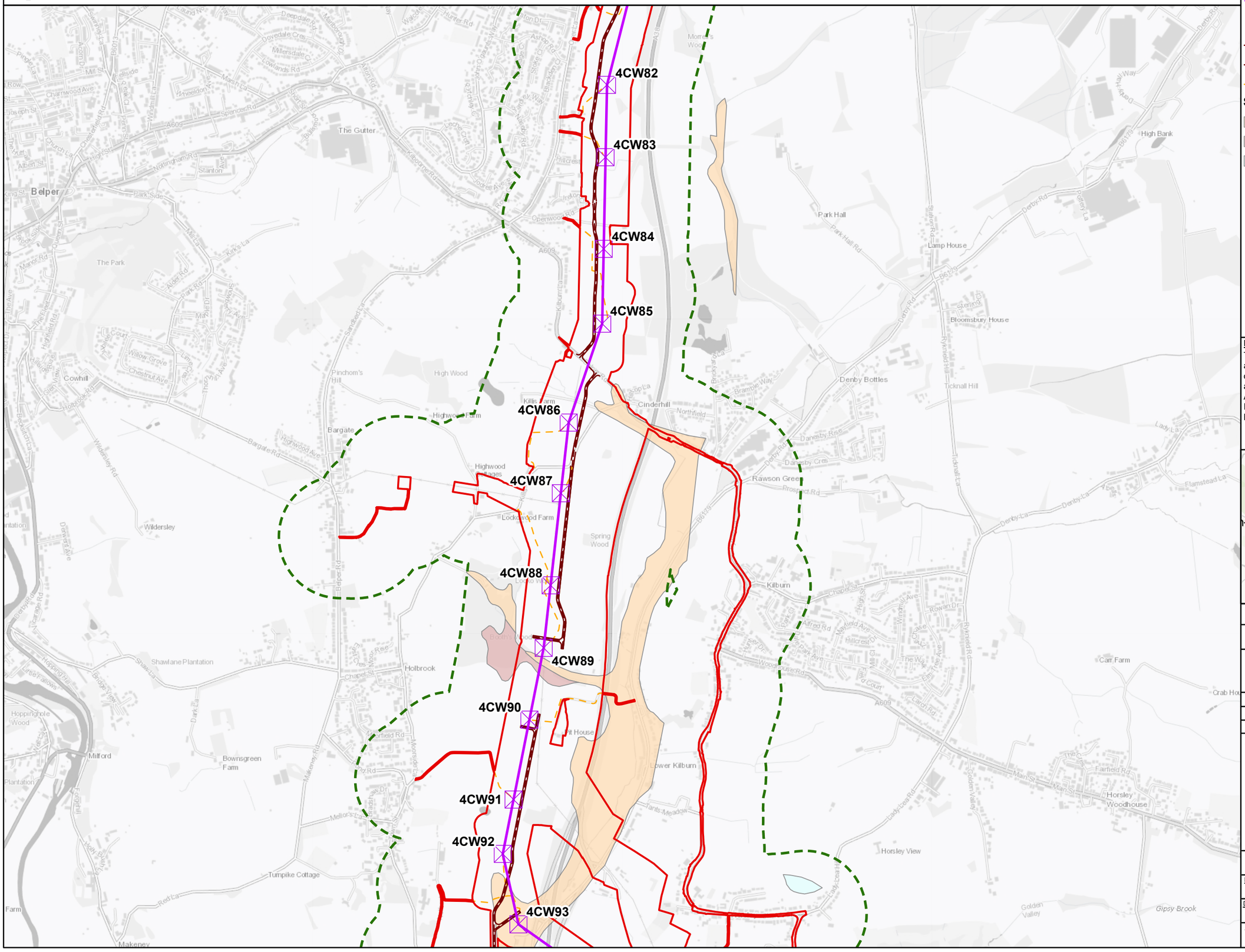
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Head - Diamicton
- Till, Mid Pleistocene - Diamicton

Notes

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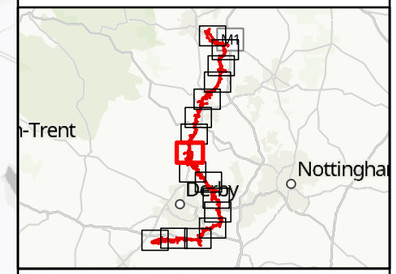

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Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

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Metres

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CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number
Figure 10.2

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 8 OF 16	1

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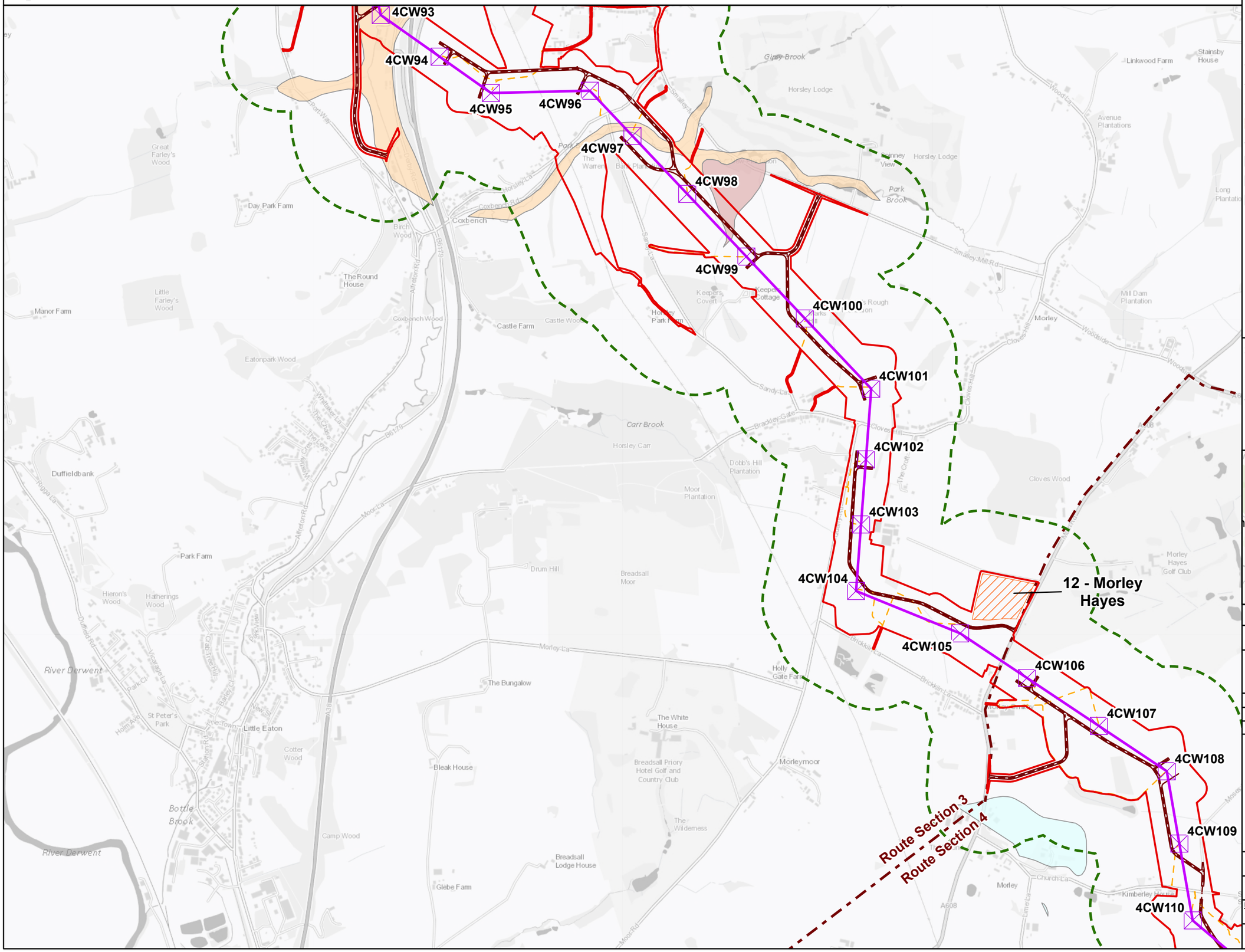
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Draft Order Limit Buffer 250m
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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Head - Diamicton
- Till, Mid Pleistocene - Diamicton

Notes

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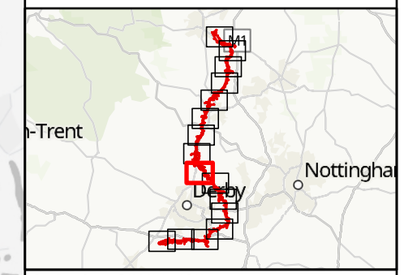

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0 200 400 600 Metres

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SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 9 OF 16	1

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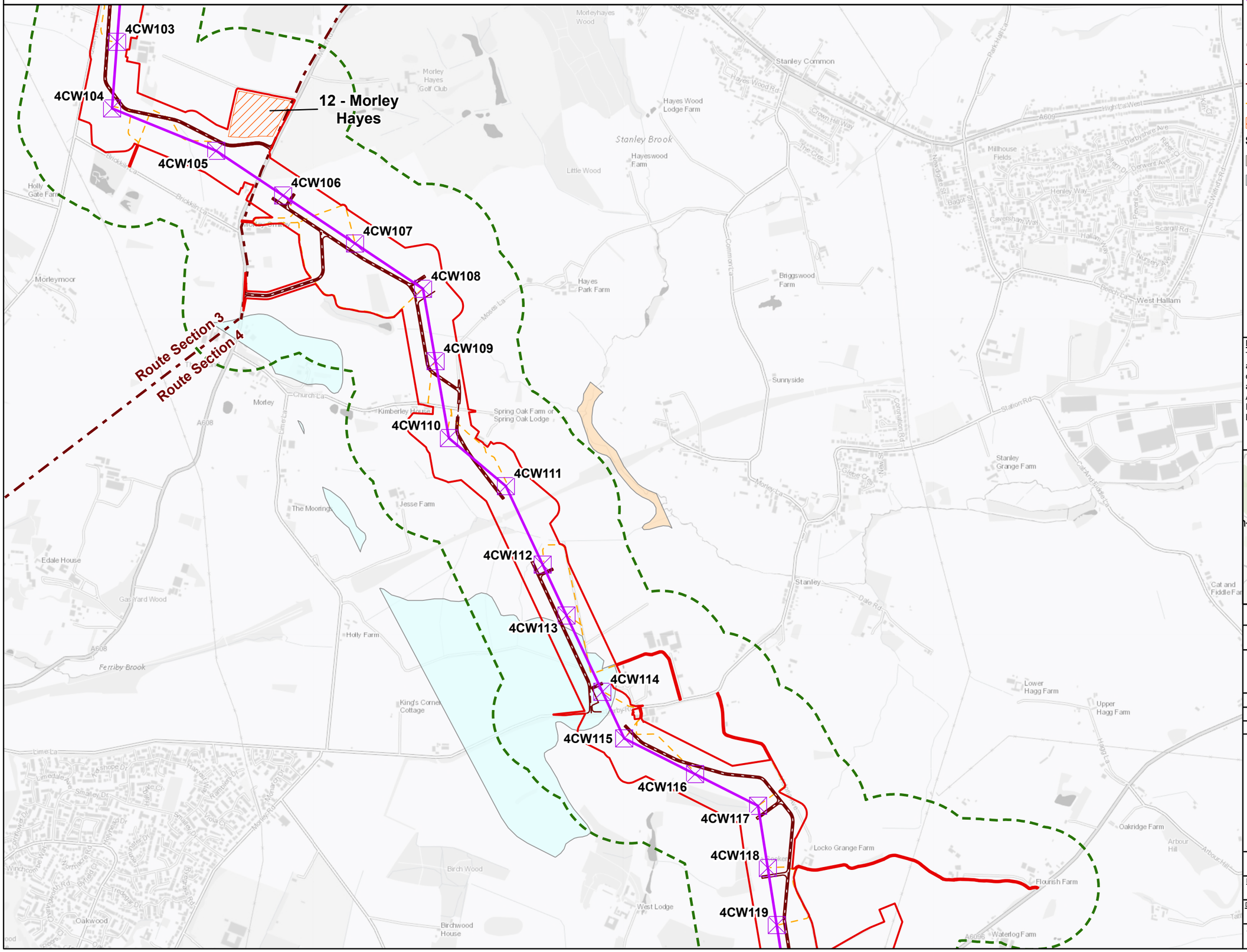
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Till, Mid Pleistocene - Diamicton

Notes

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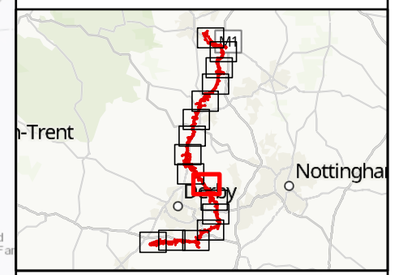

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

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Figure Number
Figure 10.2

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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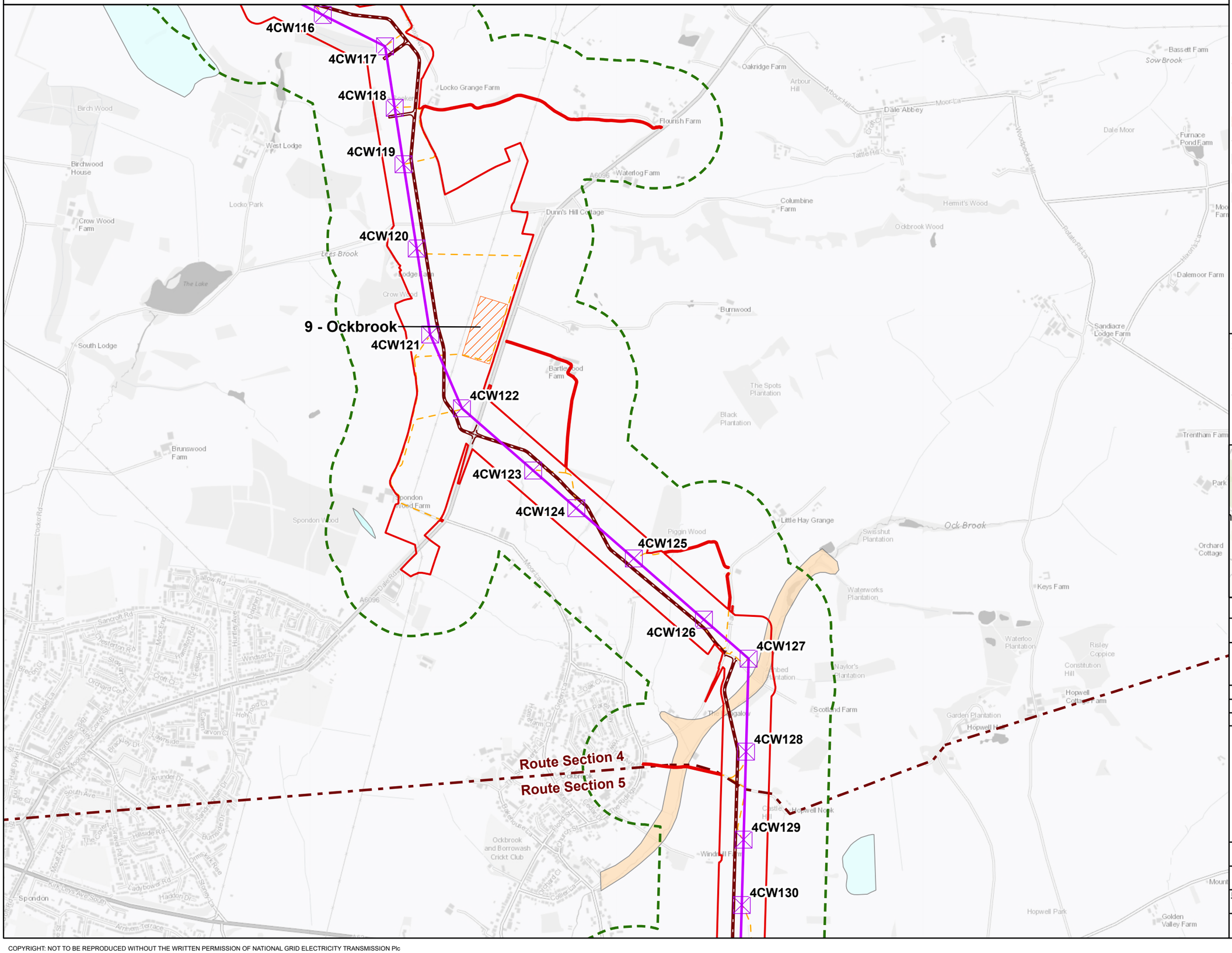
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Thrussington Member - Diamicton
- Till, Mid Pleistocene - Diamicton

Notes

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Sheet X Centroid Coordinate: 442538E Sheet Y Centroid Coordinate: 337359.31N

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
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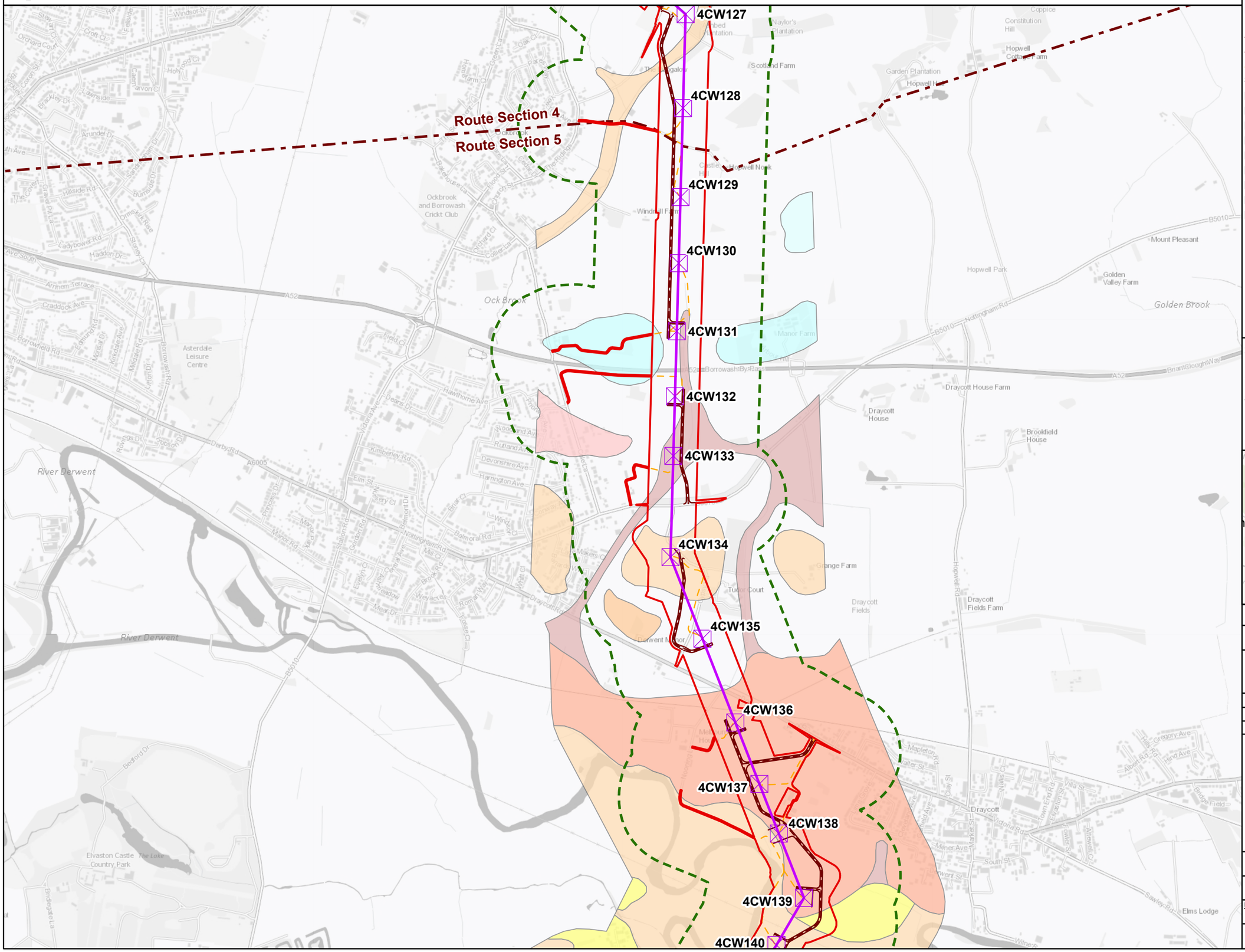
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Superficial Geology 50k BGS

- Allenton Terrace Deposits - Sand and Gravel
- Alluvium - Clay, Silt, Sand and Gravel
- Borrowash Sand and Gravel - Sand and Gravel
- Head - Clay, Silt, Sand and Gravel
- Hemington Member - Silt and Gravel
- Ockbrook Sand and Gravel - Sand and Gravel
- River Terrace Deposits (Undifferentiated) - Sand and Gravel
- Thrussington Member - Diamicton
- Till, Mid Pleistocene - Diamicton

Notes

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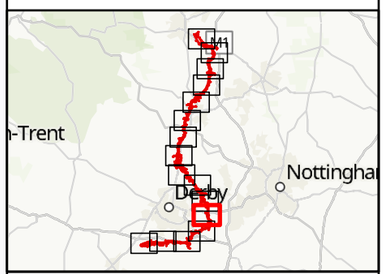

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
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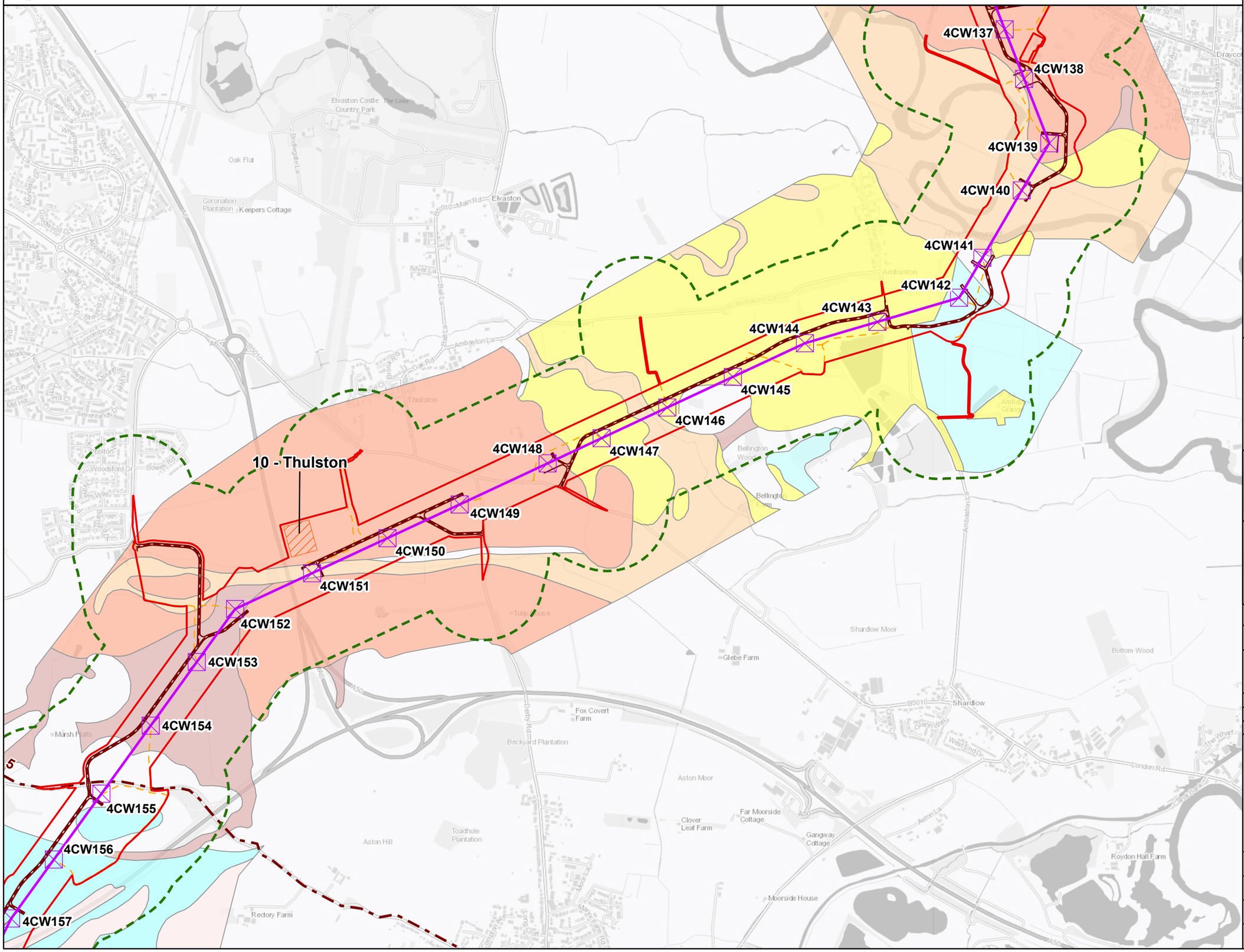
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Allenton Terrace Deposits - Sand and Gravel
- Alluvium - Clay, Silt, Sand and Gravel
- Glaciolacustrine Deposits, Mid Pleistocene - Clay, Silt and Sand
- Head - Clay, Silt, Sand and Gravel
- Hemington Member - Silt and Gravel
- Oadby Member - Diamicton
- Thrussington Member - Diamicton

Notes

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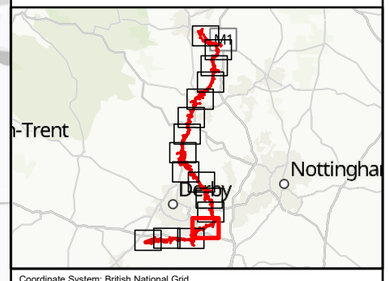

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CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number
Figure 10.2

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 13 OF 16	1

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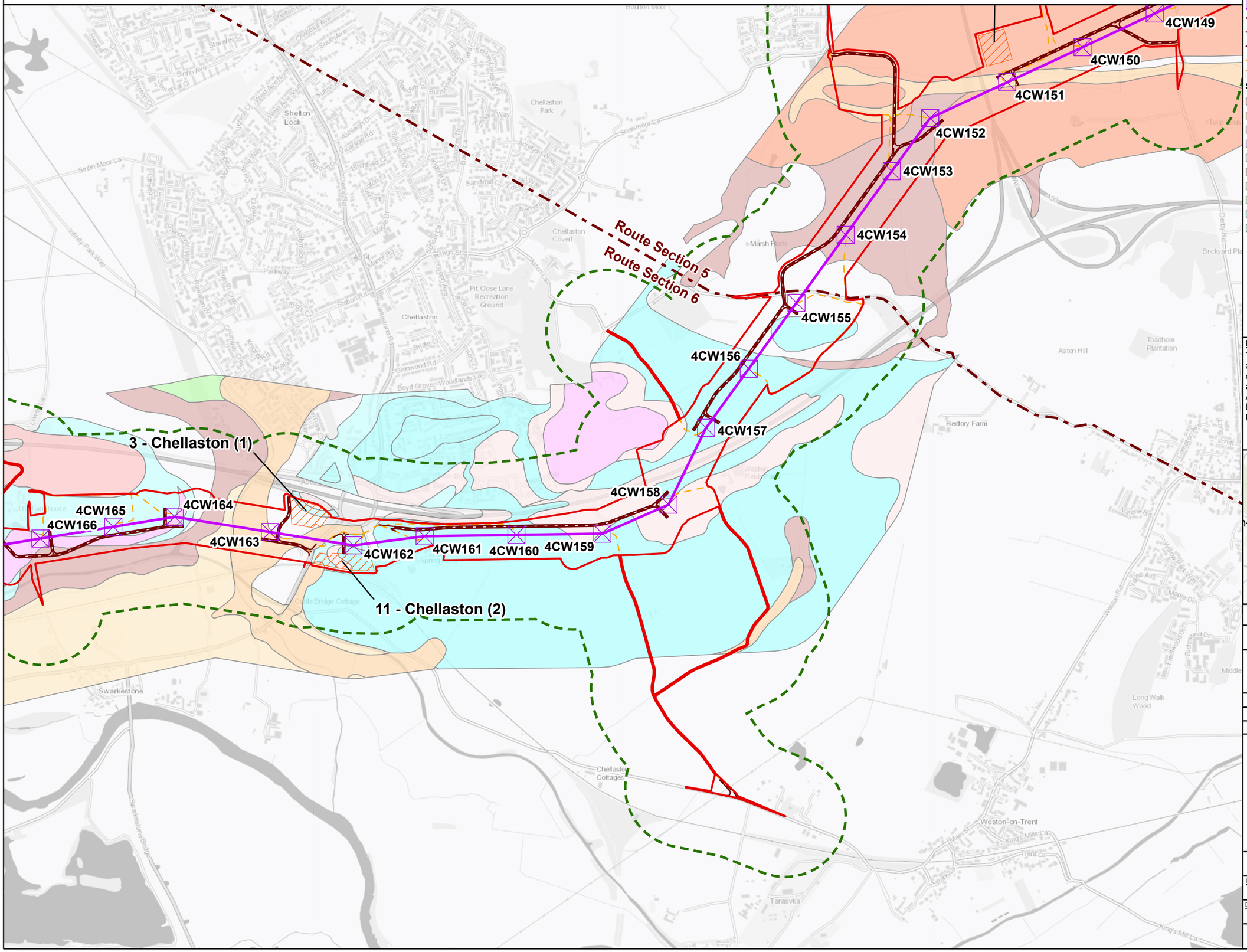
FIGURE 10.2:
SUPERFICIAL GEOLOGY



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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Allenton Terrace Deposits - Sand and Gravel
- Alluvium - Clay, Silt, Sand and Gravel
- Etwall Sand and Gravel Member - Sand and Gravel
- Glaciofluvial Deposits, Mid Pleistocene - Sand and Gravel
- Glaciolacustrine Deposits, Mid Pleistocene - Clay, Silt and Sand
- Head - Clay, Silt, Sand and Gravel
- Holme Pierrepont Sand and Gravel Member - Sand and Gravel
- Lacustrine Deposits, 1 - Clay, Silt and Sand
- Oadby Member - Diamicton
- Thrussington Member - Diamicton

Notes

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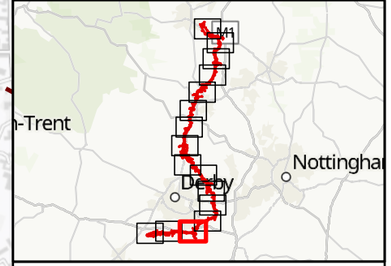

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 14 OF 16	1

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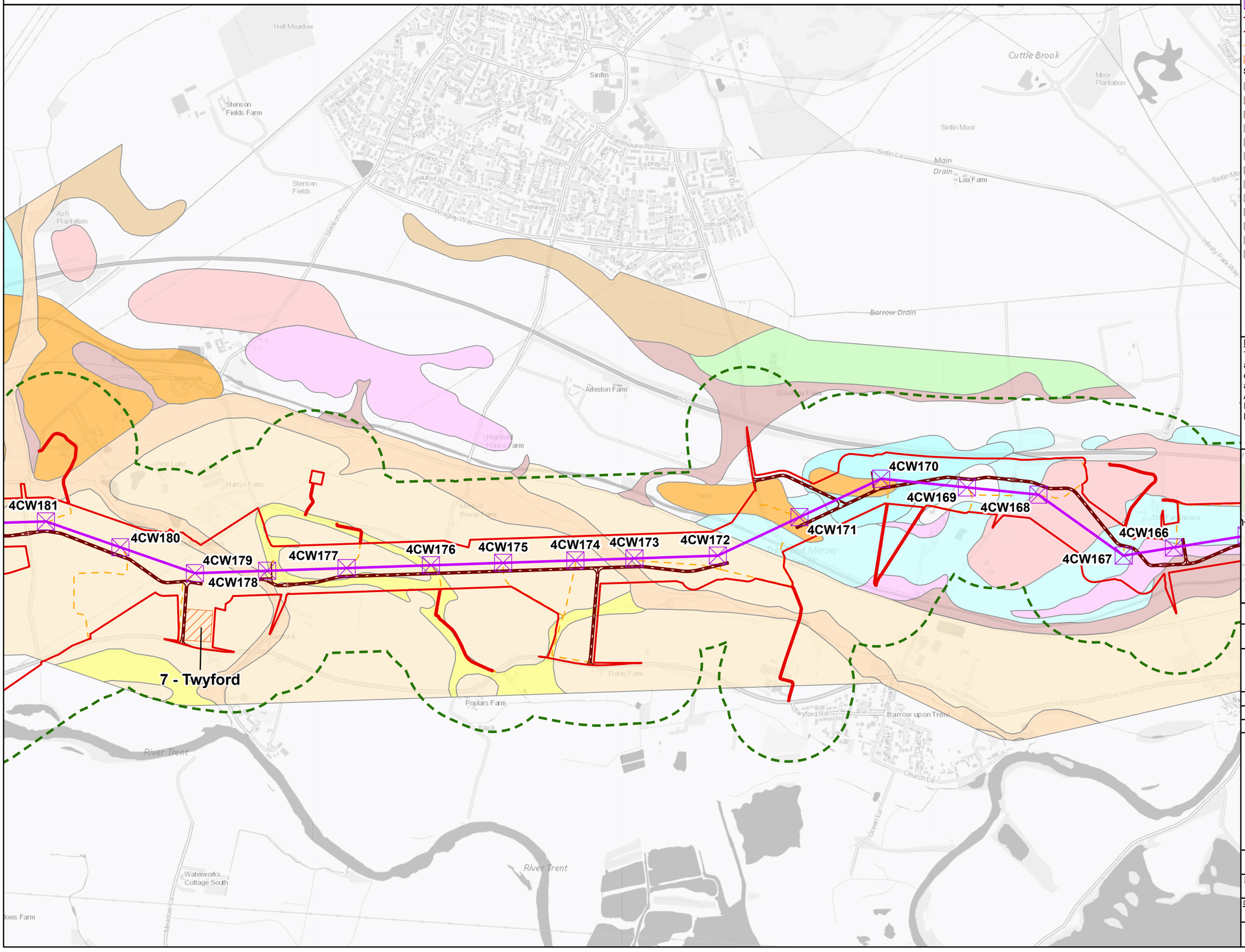
FIGURE 10.2:
SUPERFICIAL GEOLOGY



Legend

- Draft Order Limits
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- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Beeston Sand and Gravel Member - Sand and Gravel
- Eagle Moor Sand and Gravel Member - Sand and Gravel
- Egginton Common Sand and Gravel Member - Sand and Gravel
- Etwall Sand and Gravel Member - Sand and Gravel
- Glaciofluvial Deposits, Mid Pleistocene - Sand and Gravel
- Head - Clay, Silt, Sand and Gravel
- Hemington Member - Silt and Gravel
- Holme Pierrepont Sand and Gravel Member - Sand and Gravel
- Lacustrine Deposits - Clay and Silt
- Lacustrine Deposits, 1 - Clay, Silt and Sand
- Oadby Member - Diamicton
- Thrussington Member - Diamicton

Notes

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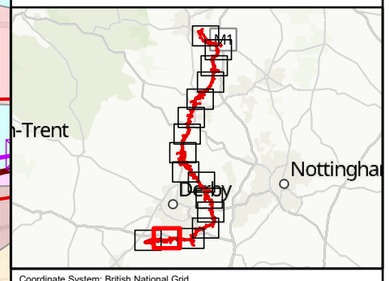

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 600 Metres

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SUPERFICIAL GEOLOGY

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Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 15 OF 16	1

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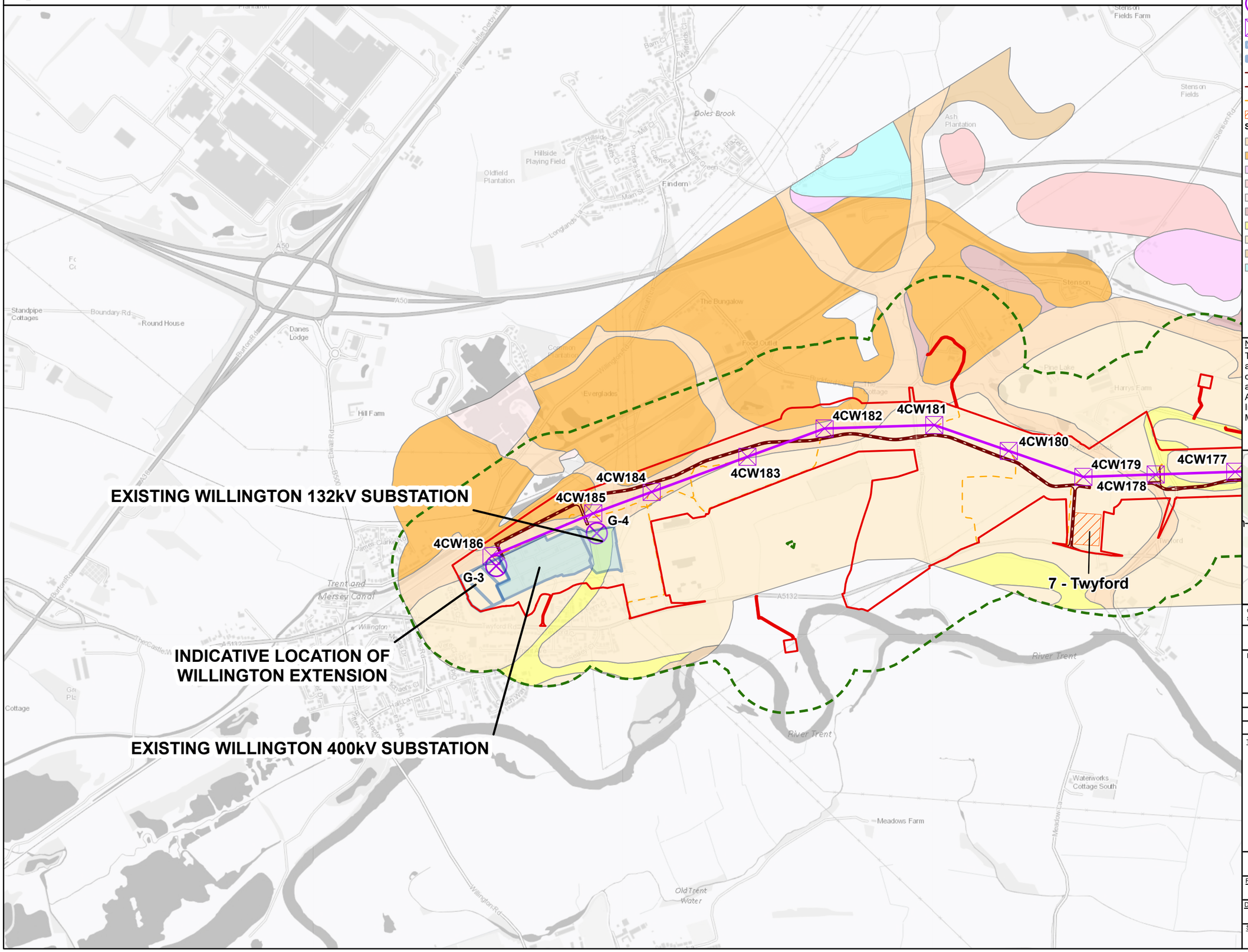
FIGURE 10.2:
SUPERFICIAL GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Superficial Geology 50k BGS

- Alluvium - Clay, Silt, Sand and Gravel
- Beeston Sand and Gravel Member - Sand and Gravel
- Egginton Common Sand and Gravel Member - Sand and Gravel
- Etwall Sand and Gravel Member - Sand and Gravel
- Findern Clay - Clay, Silt and Sand
- Head - Clay, Silt, Sand and Gravel
- Hemington Member - Silt and Gravel
- Holme Pierrepont Sand and Gravel Member - Sand and Gravel
- Lacustrine Deposits - Clay and Silt
- Oadby Member - Diamicton

Notes

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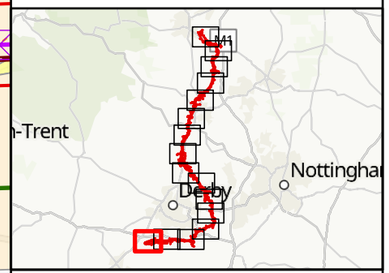

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 600 Metres

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1	Jan 2026	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
SUPERFICIAL GEOLOGY

nationalgrid

Figure Number: Figure 10.2

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000016

Scale	Sheet Size	Sheet	Issue
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FIGURE 10.3:
BEDROCK GEOLOGY

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

1 - Cock Alley

4 - Chesterfield Substation

5 - Temple Normanton

4ZV122A
G-2
G-1
4ZV120A
4CW1
4CW2
4CW3
4CW4
4CW5
4CW6
4CW7
4CW8
4CW9
4CW10
4CW11
4CW12
4CW13
4CW14

Hady
Calow
Eastwood Park
Moortop Cottage
Deepsic Bungalow
Bolehill Plantation
Pine Tree Cottage
Crow Oaks
Bolehill
Cock Alley
Woodside Cottage
Buckmanton Moor
Park Gate Cottages
Sutton Lane Farm
Bull Paddock Farm
Longcourse Farm
Spital Brook
Hasland
Winsick
Winsick Park
Manor House
Rock Farm
Sutton Scarsdale
Yewtree Farm
Heath Cottages
Hag Farm Cottage
Wrang Plantation
Owlcotes
Owlcotes Cottages
Temple Normanton
Grassmoor Country Park
Hunloke Country Park
Avenue Farm or Old Farmhouse
Grasshill Farm
South Chesterfield Golf Club
Corbings

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Deep Hard Rock - Sandstone
- Pennine Lower Coal Measures Formation - Mudstone And Siltstone
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Silkstone Rock - Sandstone
- Top Hard Rock - Sandstone

Notes

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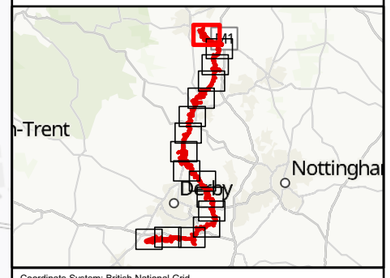

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number	Drawing Reference		
Figure 10.3	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 1 OF 16	1

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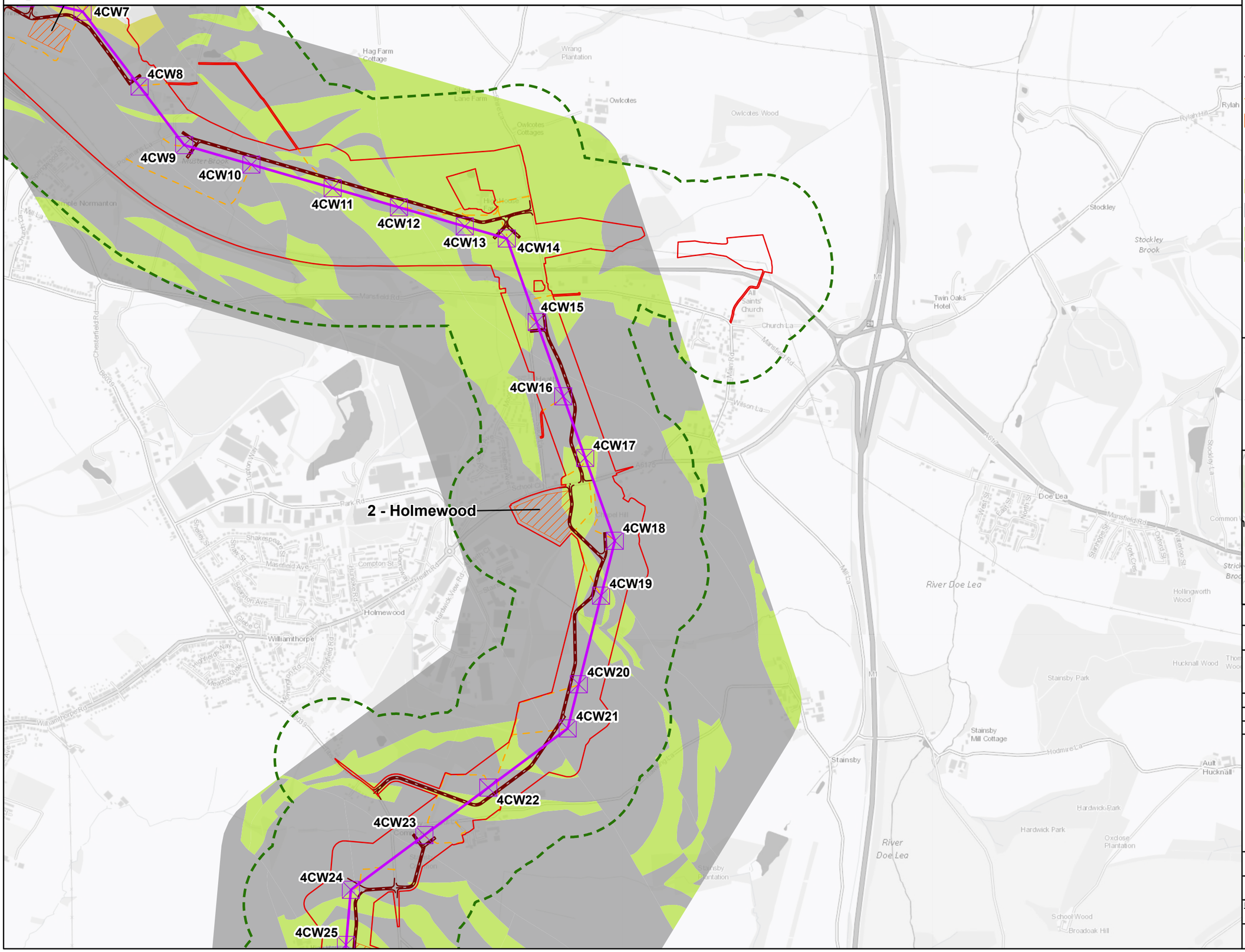
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Top Hard Rock - Sandstone

Notes

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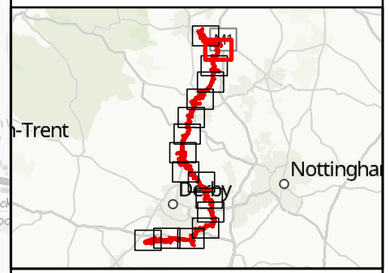

Coordinate System: British National Grid
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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number	Drawing Reference		
Figure 10.3	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015		
Scale	**Sheet Size**	**Sheet**	**Issue**
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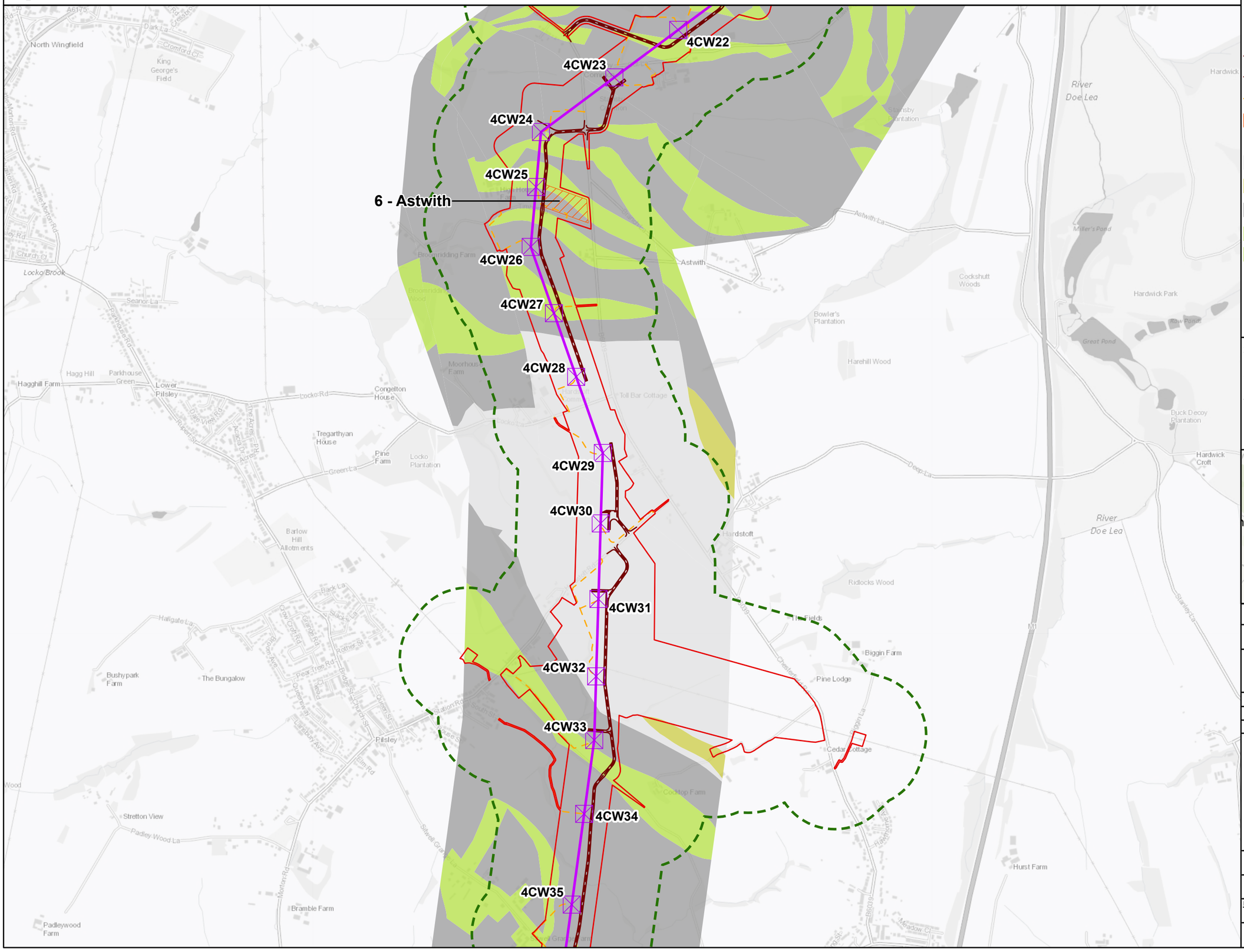
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Top Hard Rock - Sandstone

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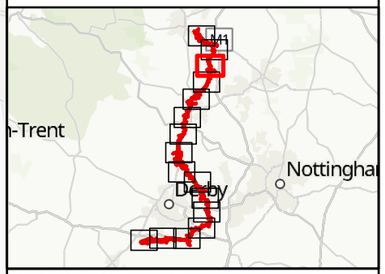

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BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 3 OF 16	1

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW34
4CW35
4CW36
4CW37
4CW38
4CW39
4CW40
4CW41
4CW42
4CW43
4CW44
4CW45
4CW46

Route Section 1
Route Section 2

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Bedrock Geology 50k

- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Top Hard Rock - Sandstone

Notes

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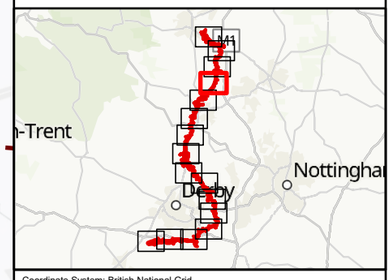

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Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number			
Figure 10.3			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015			
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 4 OF 16	1

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW45
4CW46
4CW47
4CW48
4CW49
4CW50
4CW51
4CW52
4CW53
4CW54
4CW55
4CW56
4CW57
4CW58
4CW59
8 - Alfreton

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Deep Hard Rock - Sandstone
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Top Hard Rock - Sandstone
- Tupton Rock - Sandstone

Notes

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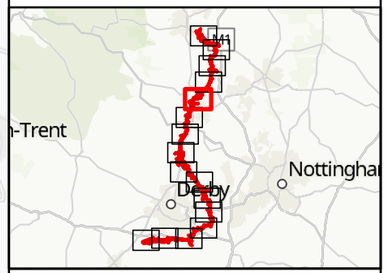

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Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

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CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 5 OF 16	1

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW59
4CW60
4CW61
4CW62
4CW63
4CW64
4CW65
4CW66
4CW67
4CW68
4CW69
4CW70
Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Bedrock Geology 50k

- Deep Hard Rock - Sandstone
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Top Hard Rock - Sandstone
- Tupton Rock - Sandstone

Notes

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 6 OF 16	1

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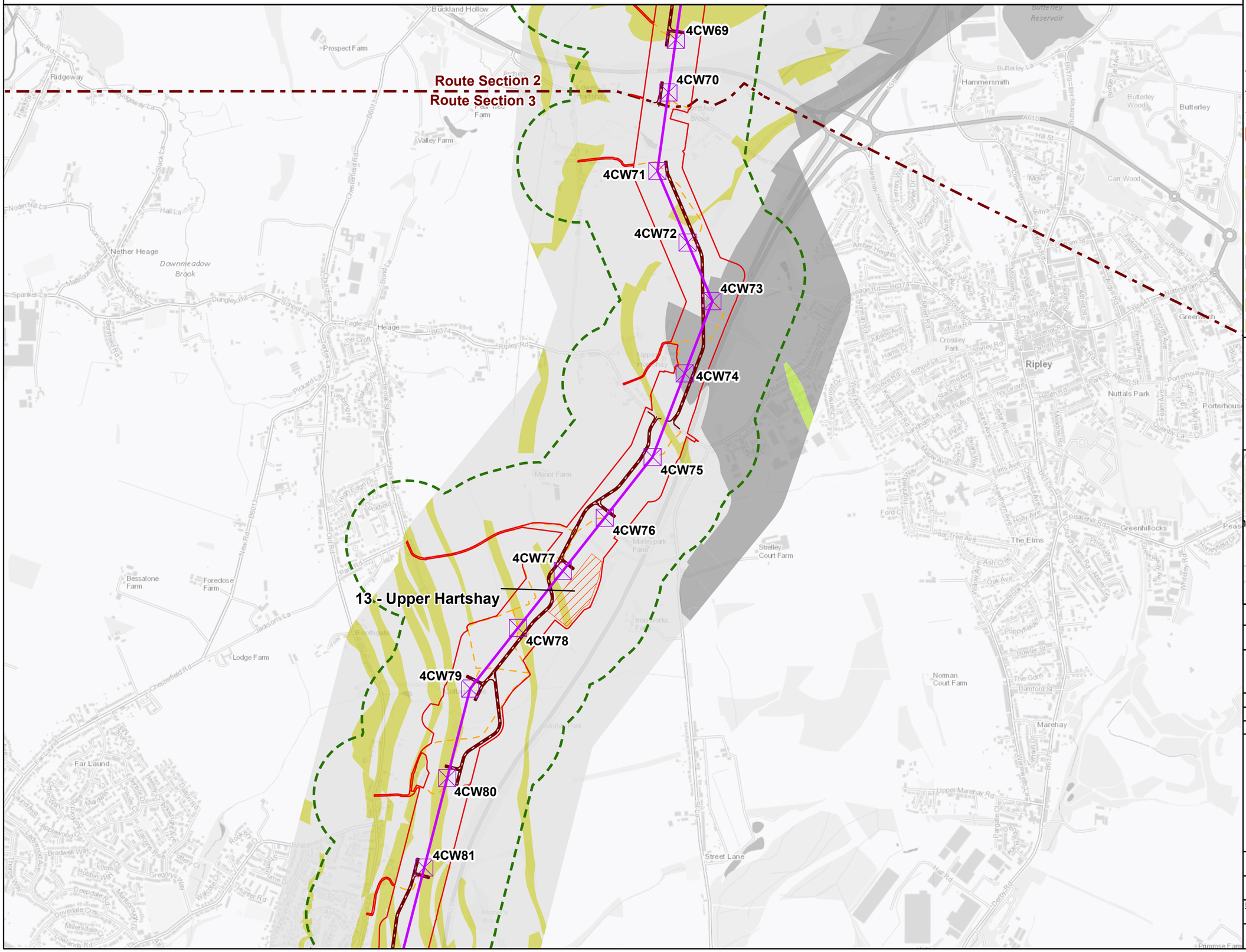
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Deep Hard Rock - Sandstone
- Loxley Edge Rock - Sandstone
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Middle Coal Measures Formation - Sandstone
- Tupton Rock - Sandstone
- Wingfield Flags - Sandstone

Notes

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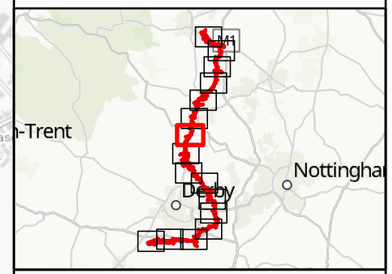

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number
Figure 10.3

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 7 OF 16	1

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW82
4CW83
4CW84
4CW85
4CW86
4CW87
4CW88
4CW89
4CW90
4CW91
4CW92
4CW93

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Bedrock Geology 50k

- Crawshaw Sandstone - Sandstone
- Loxley Edge Rock - Sandstone
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Rough Rock - Sandstone
- Wingfield Flags - Sandstone

Notes

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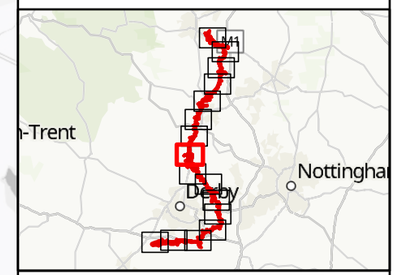

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number
Figure 10.3

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 8 OF 16	1

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW93
4CW94
4CW95
4CW96
4CW97
4CW98
4CW99
4CW100
4CW101
4CW102
4CW103
4CW104
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
12 - Morley Hayes
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Ashover Grit - Sandstone
- Chatsworth Grit - Sandstone
- Chester Formation - Sandstone, Pebbly (Gravelly)
- Crawshaw Sandstone - Sandstone
- Lenton Sandstone Formation - Sandstone
- Loxley Edge Rock - Sandstone
- Marsden Formation - Mudstone And Siltstone
- Moira Formation - Breccia
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Rossendale Formation - Mudstone And Siltstone
- Rough Rock - Sandstone
- Tarporley Siltstone Formation - Mudstone And Siltstone
- Tarporley Siltstone Formation - Sandstone
- Wingfield Flags - Sandstone

Notes

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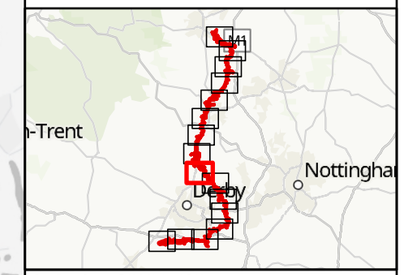

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0 200 400 600 Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 9 OF 16	1

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW103
4CW104
12 - Morley Hayes
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
4CW111
4CW112
4CW113
4CW114
4CW115
4CW116
4CW117
4CW118
4CW119
Route Section 3
Route Section 4

Morleyhayes Wood
Morley Hayes Golf Club
Stanley Common
Hayes Wood Lodge Farm
Stanley Brook
Hayeswood Farm
Little Wood
Millhouse Fields
Henley Way
Caversham Way
Hallam Way
Scargill Rd
West Hallam
Hayes Park Farm
Briggswood Farm
Sunnyside
Morleymoor
Morley
Kimberley
Spring Oak Farm or Spring Oak Lodge
Stanley Grange Farm
The Moorings
Jesse Farm
Edale House
Gas Yard Wood
Holly Farm
Ferriby Brook
King's Corner Cottage
Lower Hagg Farm
Upper Hagg Farm
Oakridge Farm
Arbour Hill
Locko Grange Farm
Flourish Farm
Waterlog Farm
Birch Wood
West Lodge
Birchwood House
Oakwood
Stanley
Cat and Fiddle Farm

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Ashover Grit - Sandstone
- Chatsworth Grit - Sandstone
- Chester Formation - Sandstone, Pebbly (Gravelly)
- Crawshaw Sandstone - Sandstone
- Lenton Sandstone Formation - Sandstone
- Loxley Edge Rock - Sandstone
- Marsden Formation - Mudstone And Siltstone
- Moira Formation - Breccia
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Pennine Lower Coal Measures Formation - Sandstone
- Rossendale Formation - Mudstone And Siltstone
- Rough Rock - Sandstone
- Tarporley Siltstone Formation - Mudstone And Siltstone
- Tarporley Siltstone Formation - Sandstone
- Wingfield Flags - Sandstone

Notes

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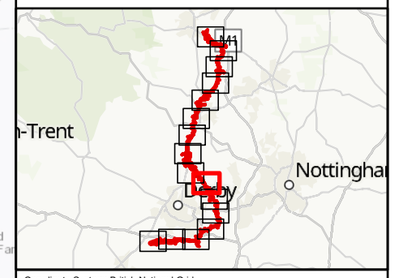

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

Scale	Sheet Size	Sheet	Issue
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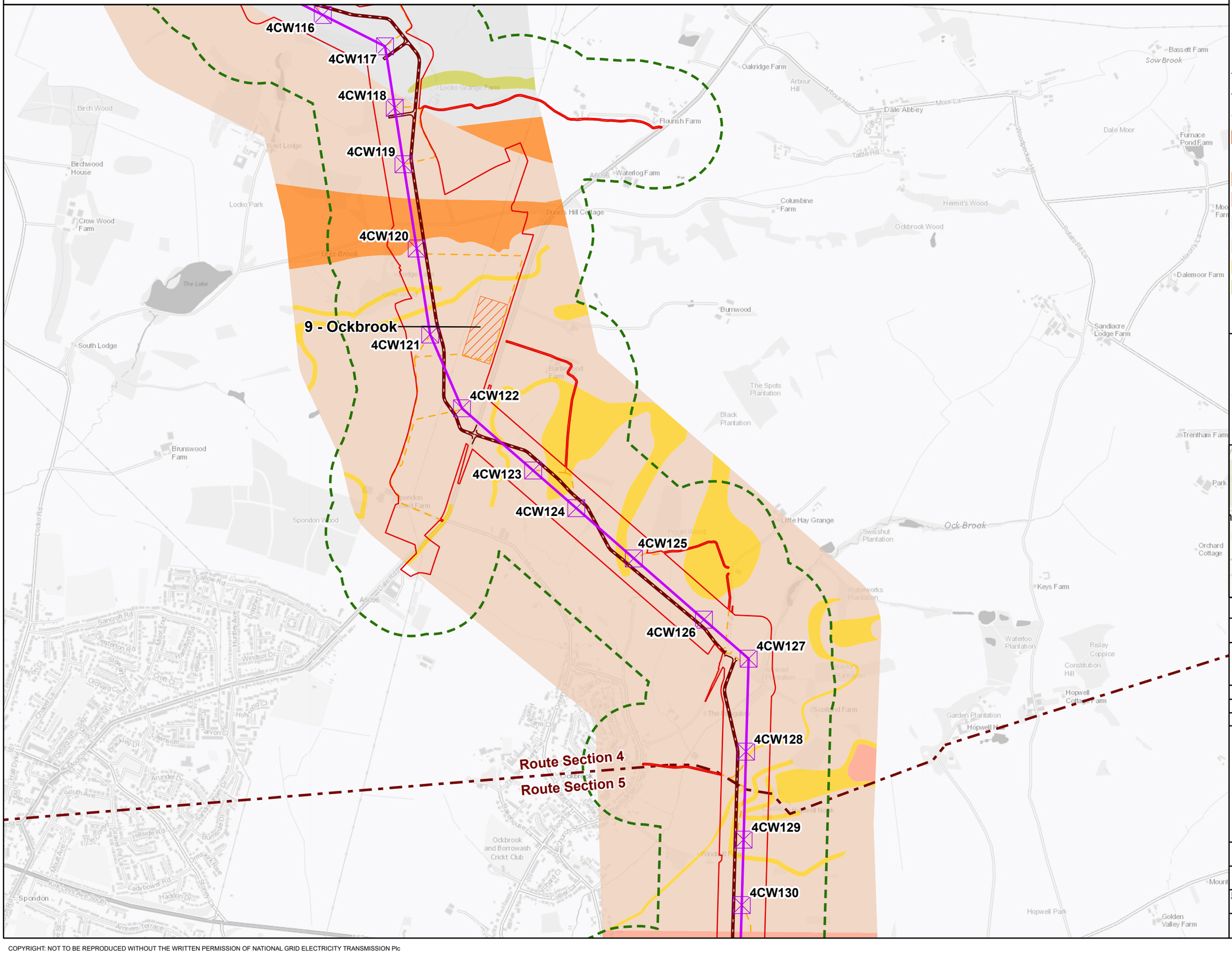
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Chester Formation - Sandstone, Pebbly (Gravelly)
- Gunthorpe Member - Mudstone
- Pennine Lower Coal Measures Formation - Mudstone, Siltstone And Sandstone
- Tarporley Siltstone Formation - Mudstone And Siltstone
- Tarporley Siltstone Formation - Sandstone
- Wingfield Flags - Sandstone

Notes

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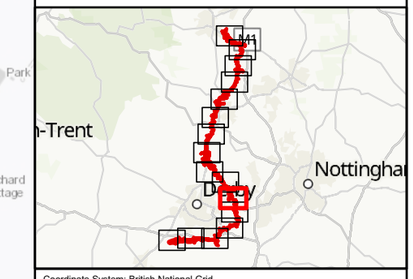

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442538E Sheet Y Centroid Coordinate: 337359.31N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

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Scale	Sheet Size	Sheet	Issue
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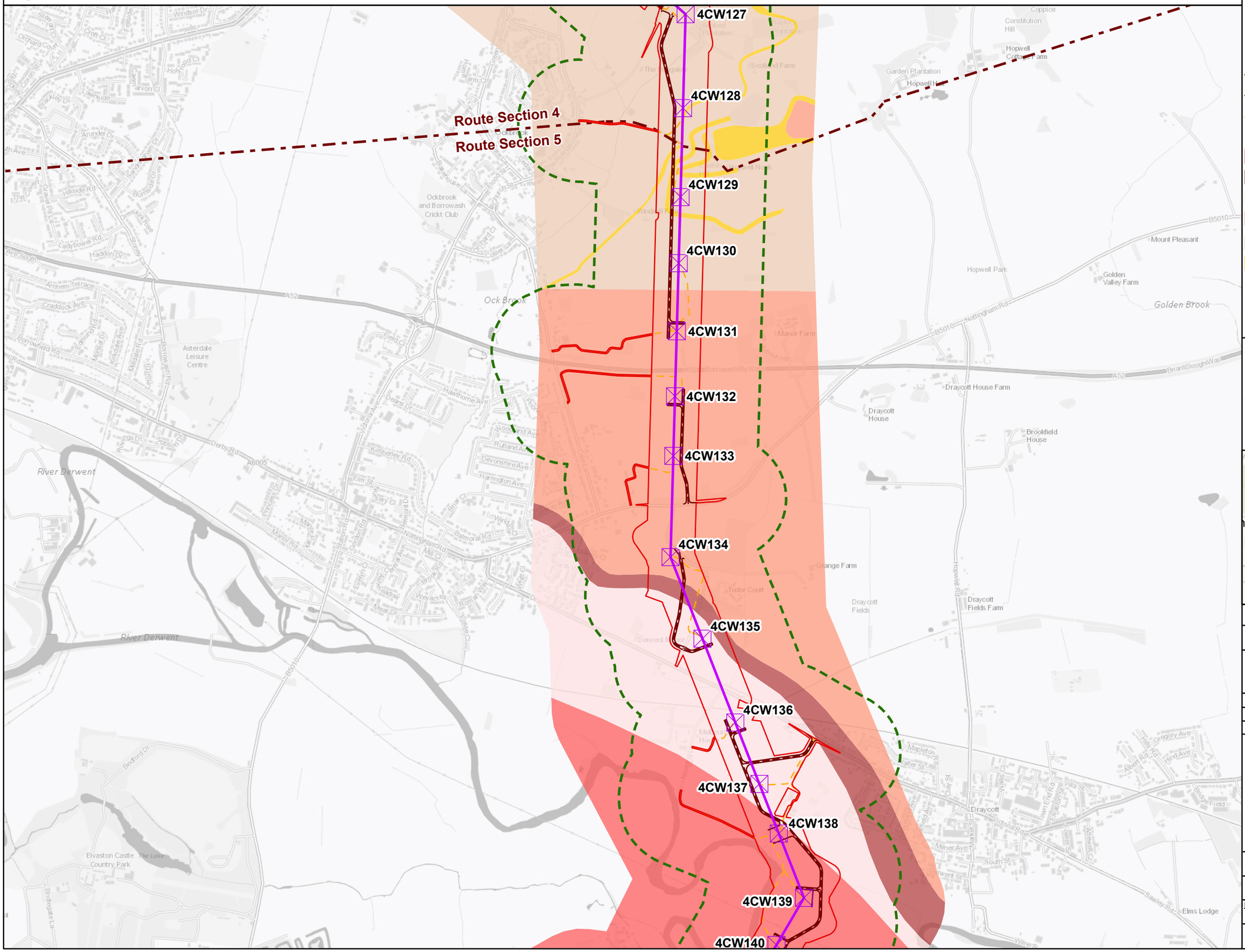
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Bedrock Geology 50k

- Branscombe Mudstone Formation - Mudstone
- Cotgrave Sandstone Member - Sandstone
- Edwalton Member - Mudstone
- Gunthorpe Member - Mudstone
- Tarporley Siltstone Formation - Mudstone And Siltstone
- Tarporley Siltstone Formation - Sandstone

Notes

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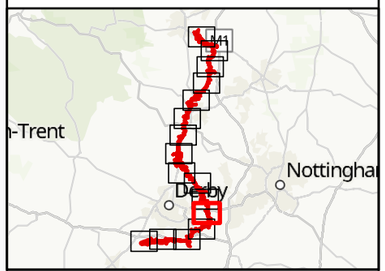

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 600 Metres

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Figure Number: Figure 10.3

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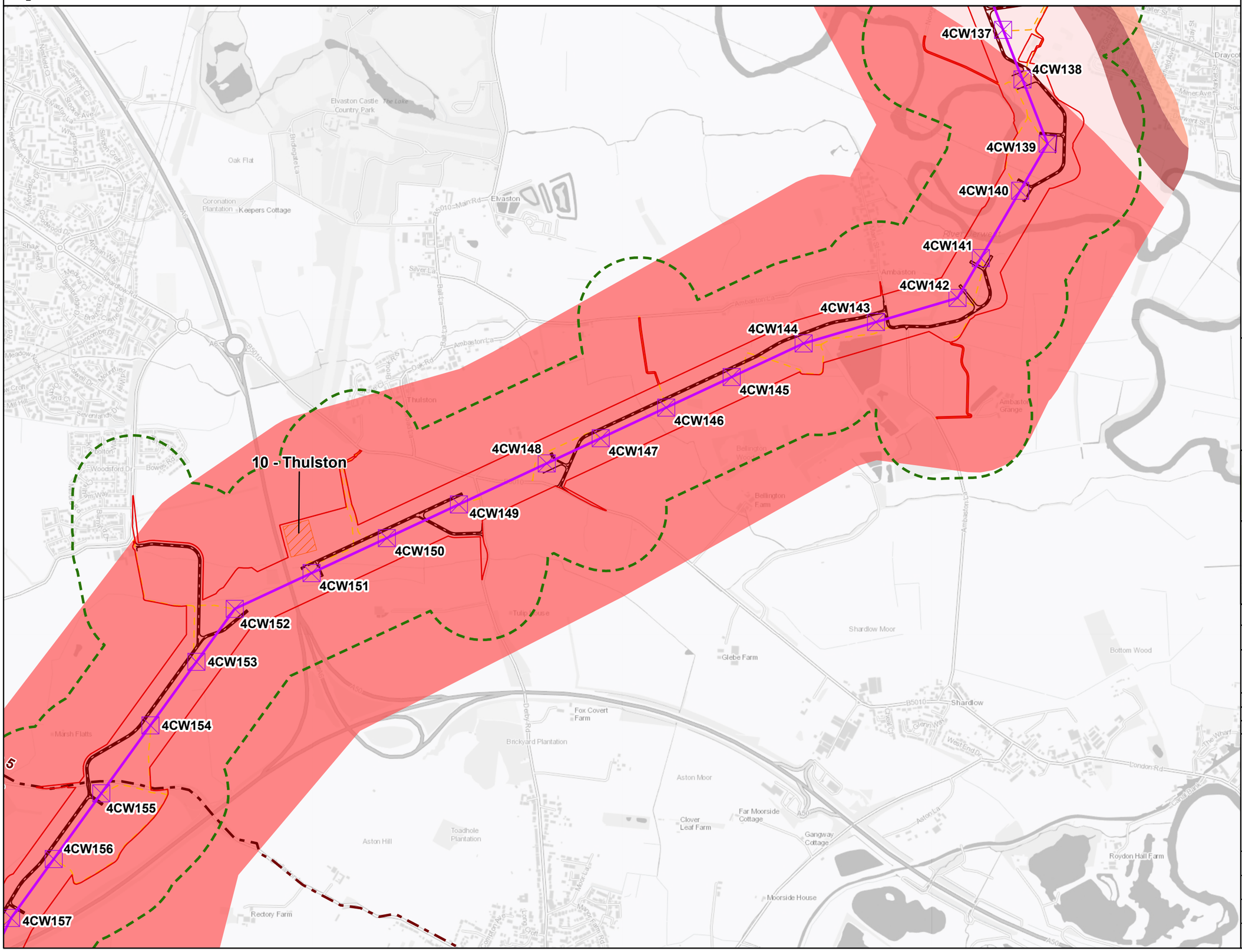
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Branscombe Mudstone Formation - Mudstone
- Cotgrave Sandstone Member - Sandstone
- Edwalton Member - Mudstone
- Gunthorpe Member - Mudstone

Notes
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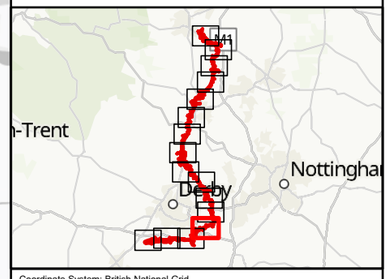

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 600 Metres

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Figure Number
Figure 10.3

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FIGURE 10.3:
BEDROCK GEOLOGY

4CW149
4CW150
4CW151
4CW152
4CW153
4CW154
4CW155
4CW156
4CW157
4CW158
4CW159
4CW160
4CW161
4CW162
4CW163
4CW164
4CW165
4CW166
Route Section 5
Route Section 6
3 - Chellaston (1)
11 - Chellaston (2)

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Arden Sandstone Formation - Sandstone
- Branscombe Mudstone Formation - Mudstone
- Edwalton Member - Mudstone
- Gunthorpe Member - Mudstone
- Helsby Sandstone Formation - Sandstone
- Tarporley Siltstone Formation - Siltstone, Mudstone And Sandstone

Notes

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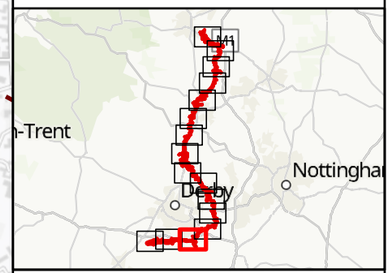

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Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

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BEDROCK GEOLOGY

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Figure Number: Figure 10.3

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Scale	Sheet Size	Sheet	Issue
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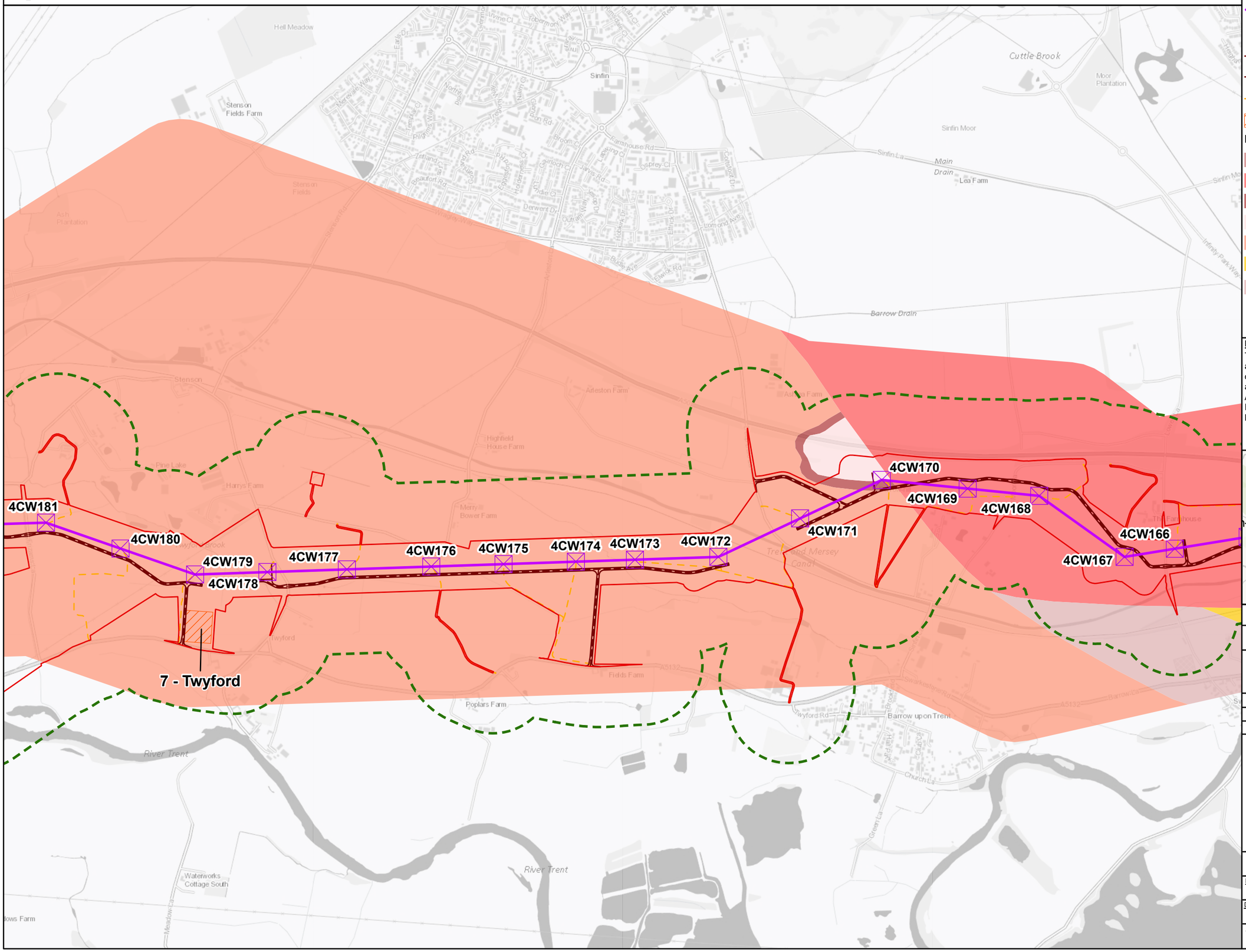
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Arden Sandstone Formation - Sandstone
- Branscombe Mudstone Formation - Mudstone
- Cotgrave Sandstone Member - Sandstone
- Edwalton Member - Mudstone
- Gunthorpe Member - Mudstone
- Helsby Sandstone Formation - Sandstone
- Tarporley Siltstone Formation - Siltstone, Mudstone And Sandstone

Notes

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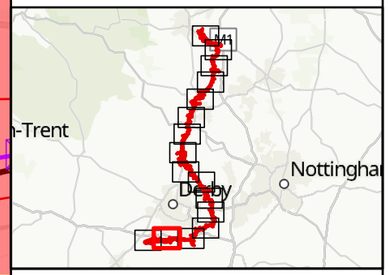

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
BEDROCK GEOLOGY

nationalgrid

Figure Number: Figure 10.3

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000015

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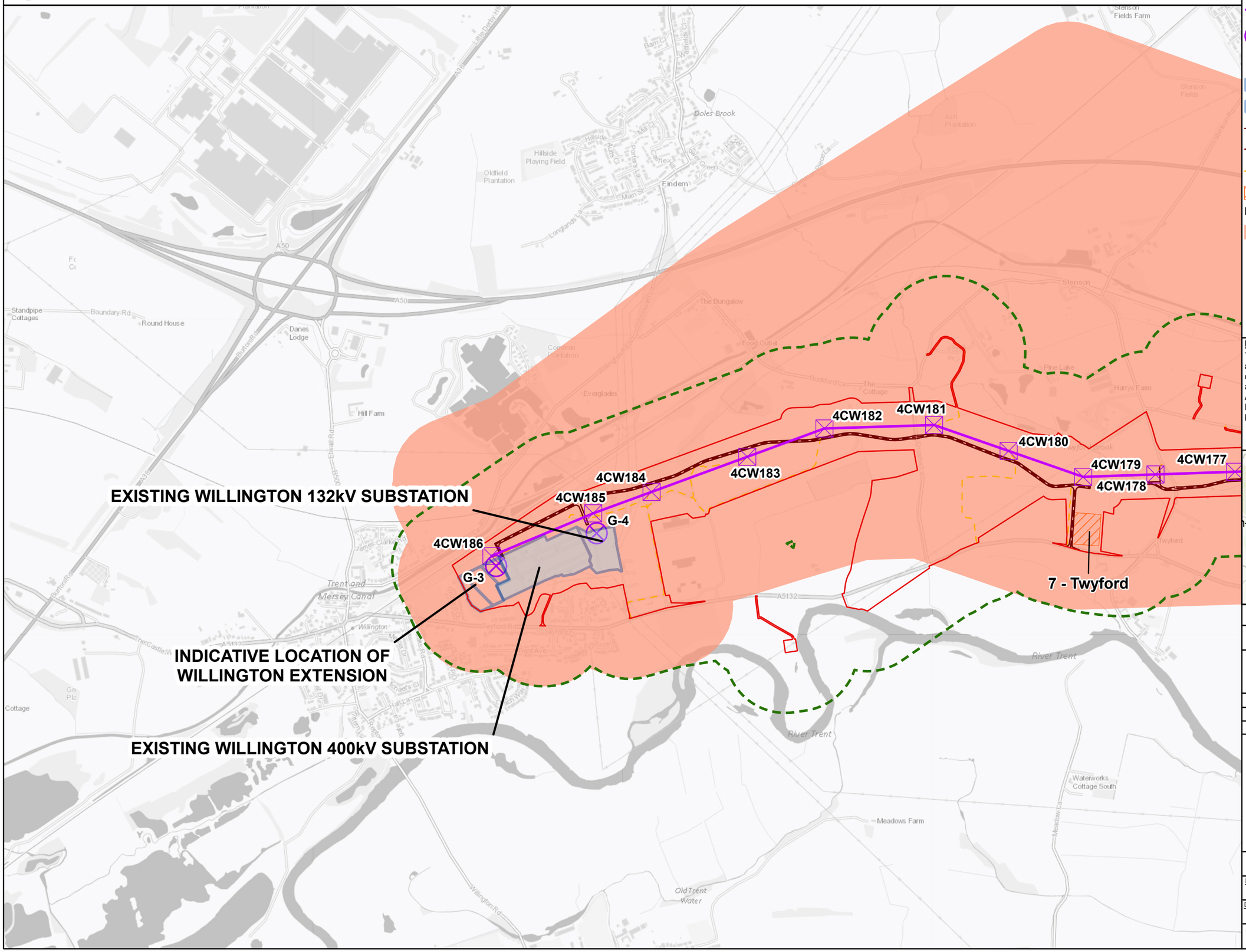
FIGURE 10.3:
BEDROCK GEOLOGY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Bedrock Geology 50k

- Gunthorpe Member - Mudstone

Notes

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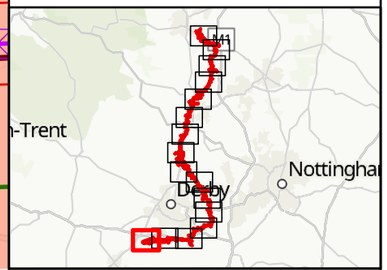

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 600 Metres

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BEDROCK GEOLOGY

nationalgrid

Figure Number
Figure 10.3

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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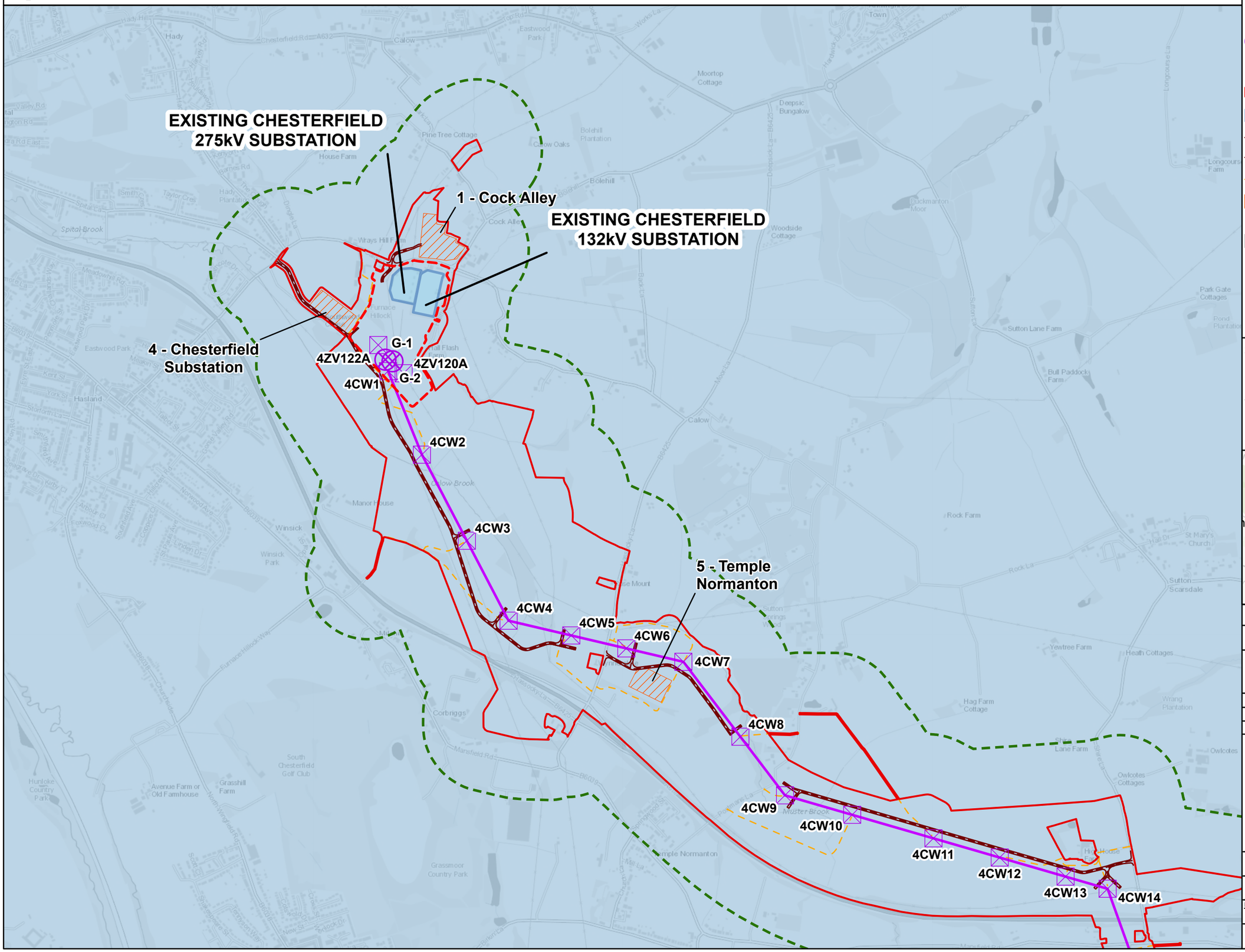
FIGURE 10.4:
MINERAL RESOURCES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Surface Coal

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

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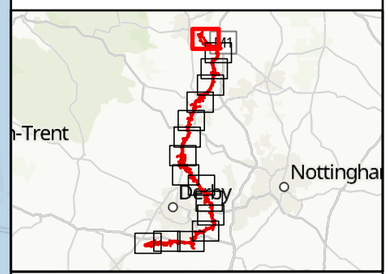

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
MINERAL RESOURCES

nationalgrid

Figure Number: Figure 10.4

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000017

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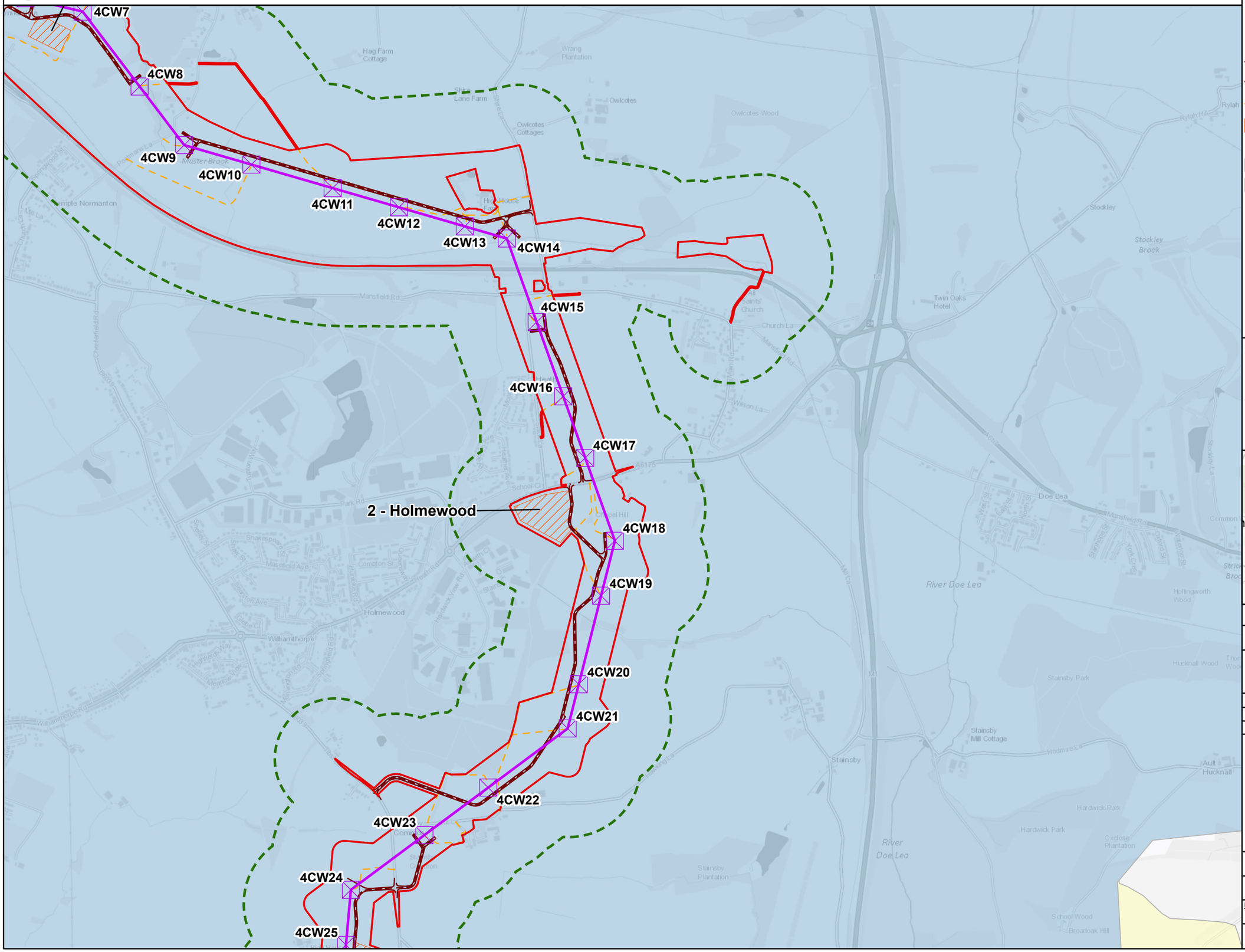
FIGURE 10.4:
MINERAL RESOURCES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Permian Limestone
- Surface Coal

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

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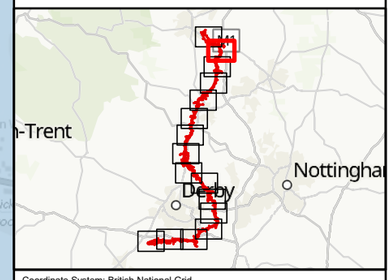

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 600
Metres

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Title

CHESTERFIELD TO WILLINGTON
MINERAL RESOURCES

nationalgrid

Figure Number
Figure 10.4

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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FIGURE 10.4:
MINERAL RESOURCES

4CW22
4CW23
4CW24
4CW25
6 - Astwith
4CW26
4CW27
4CW28
4CW29
4CW30
4CW31
4CW32
4CW33
4CW34
4CW35

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Permian Limestone
- Surface Coal

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

Notes

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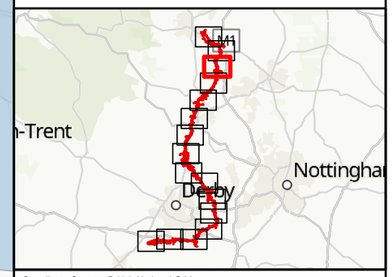

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Metres

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Title

CHESTERFIELD TO WILLINGTON
MINERAL RESOURCES

nationalgrid

Figure Number: Figure 10.4

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000017

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 3 OF 16	1

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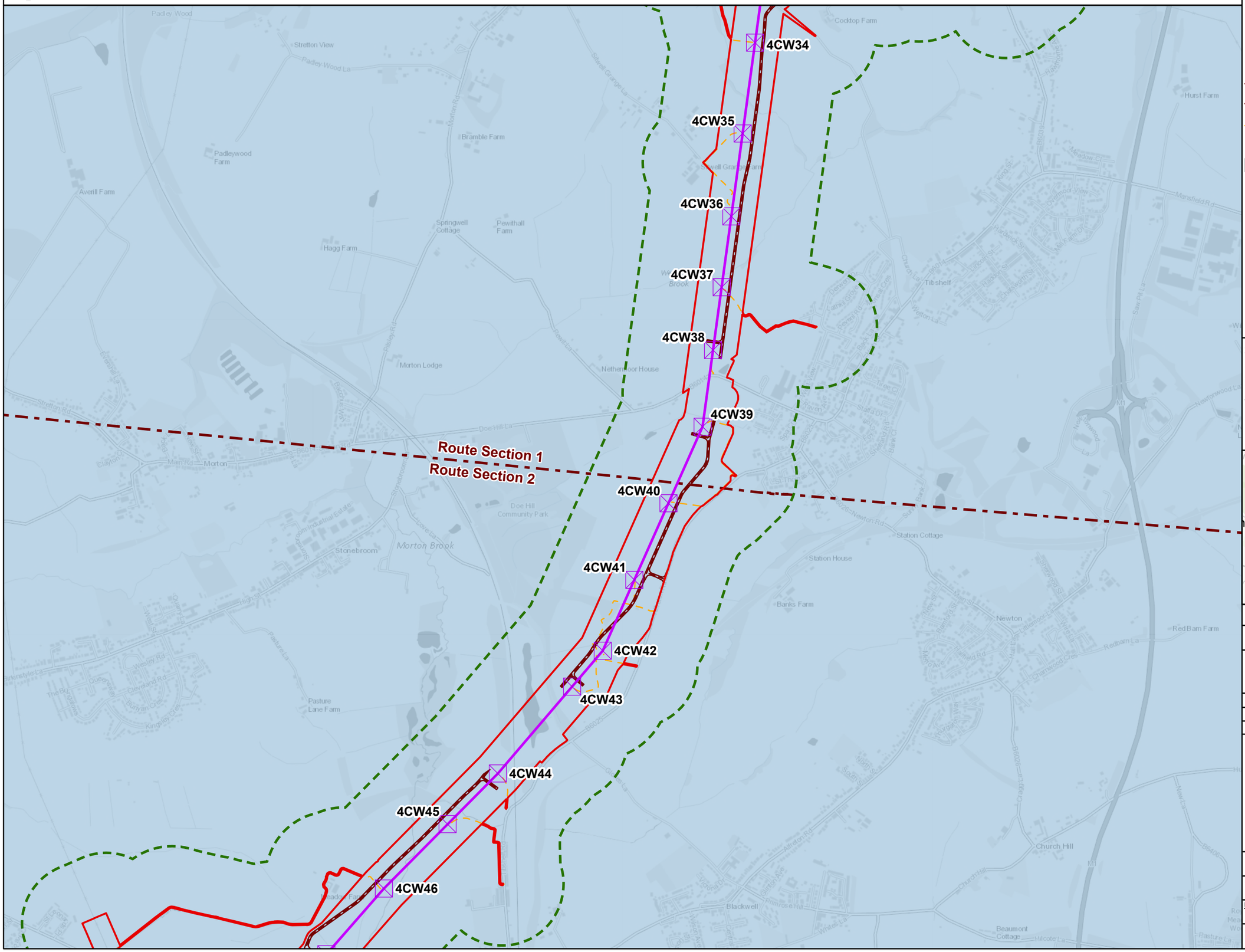
FIGURE 10.4:
MINERAL RESOURCES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Mineral Type

- Surface Coal

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

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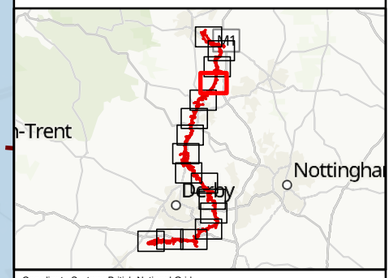

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Title

CHESTERFIELD TO WILLINGTON
MINERAL RESOURCES

nationalgrid

Figure Number	Drawing Reference		
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Scale	**Sheet Size**	**Sheet**	**Issue**
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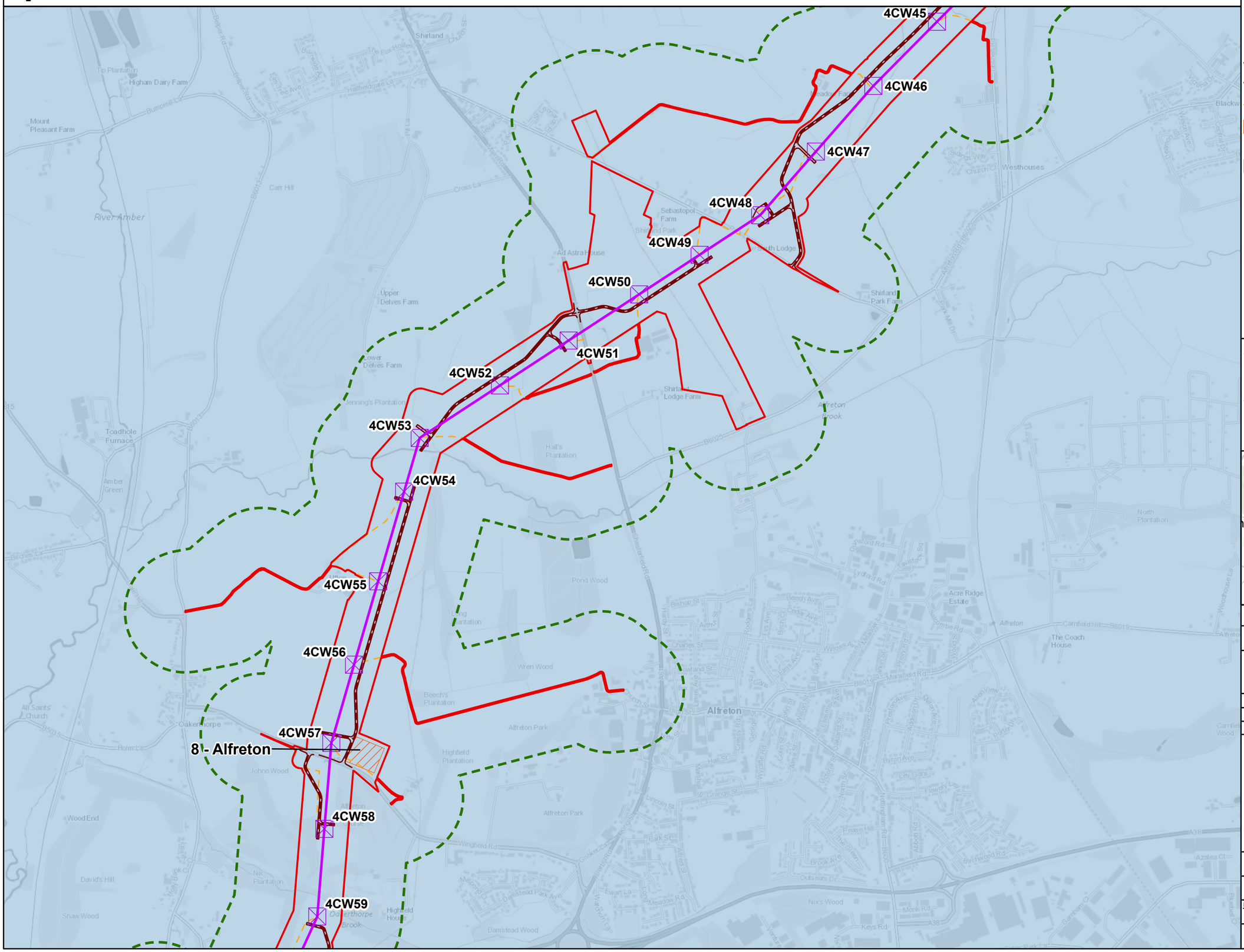
FIGURE 10.4:
MINERAL RESOURCES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Surface Coal

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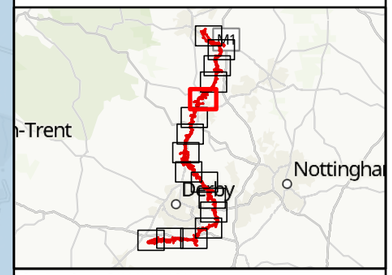

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CHESTERFIELD TO WILLINGTON
MINERAL RESOURCES

nationalgrid

Figure Number: Figure 10.4

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000017

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FIGURE 10.4:
MINERAL RESOURCES

4CW59
4CW60
4CW61
4CW62
4CW63
4CW64
4CW65
4CW66
4CW67
4CW68
4CW69
4CW70
Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Mineral Type

- Carboniferous Limestone
- Surface Coal
- Sandstone/ Gritstone

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

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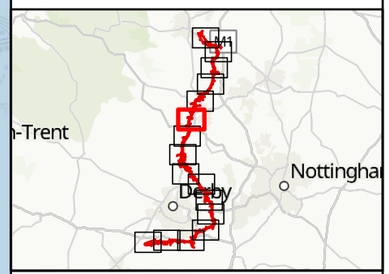

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0 200 400 600 Metres

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MINERAL RESOURCES

nationalgrid

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FIGURE 10.4:
MINERAL RESOURCES

Route Section 2
Route Section 3

4CW69
4CW70
4CW71
4CW72
4CW73
4CW74
4CW75
4CW76
4CW77
4CW78
4CW79
4CW80
4CW81

13 - Upper Hartshay

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Surface Coal
- Sandstone/ Gritstone

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

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MINERAL RESOURCES

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Figure Number: Figure 10.4

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FIGURE 10.4:
MINERAL RESOURCES

4CW82
4CW83
4CW84
4CW85
4CW86
4CW87
4CW88
4CW89
4CW90
4CW91
4CW92
4CW93

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Mineral Type

- Sand and Gravel
- Surface Coal
- Sandstone/ Gritstone

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

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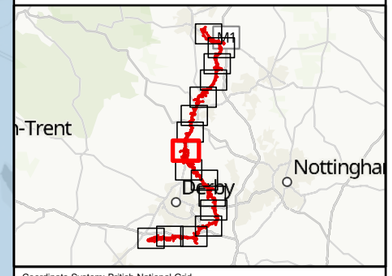

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Figure Number: Figure 10.4

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FIGURE 10.4:
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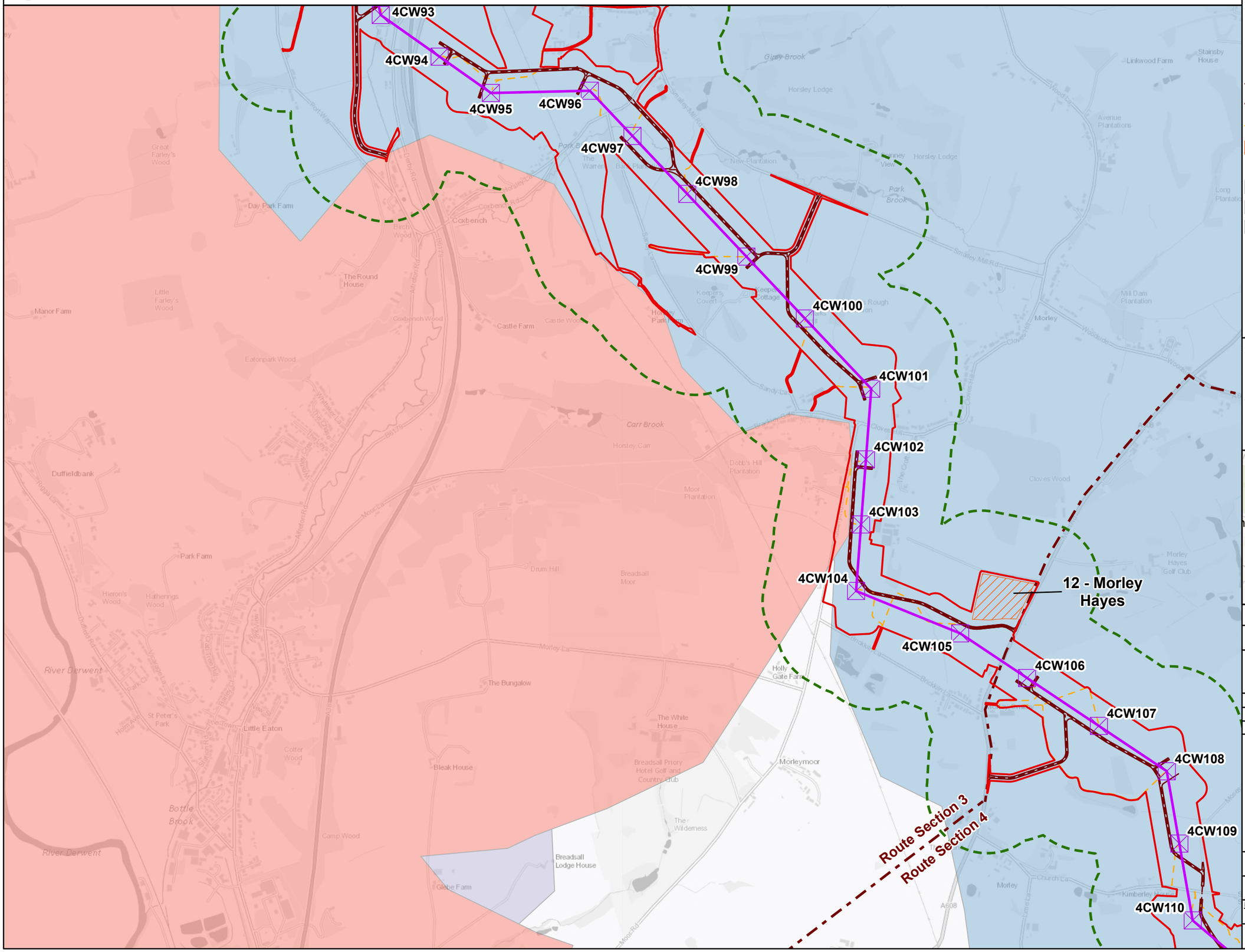

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Sand and Gravel
- Surface Coal
- Sandstone/ Gritstone

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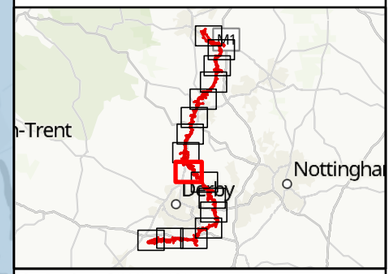

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MINERAL RESOURCES

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Figure Number: Figure 10.4

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FIGURE 10.4:
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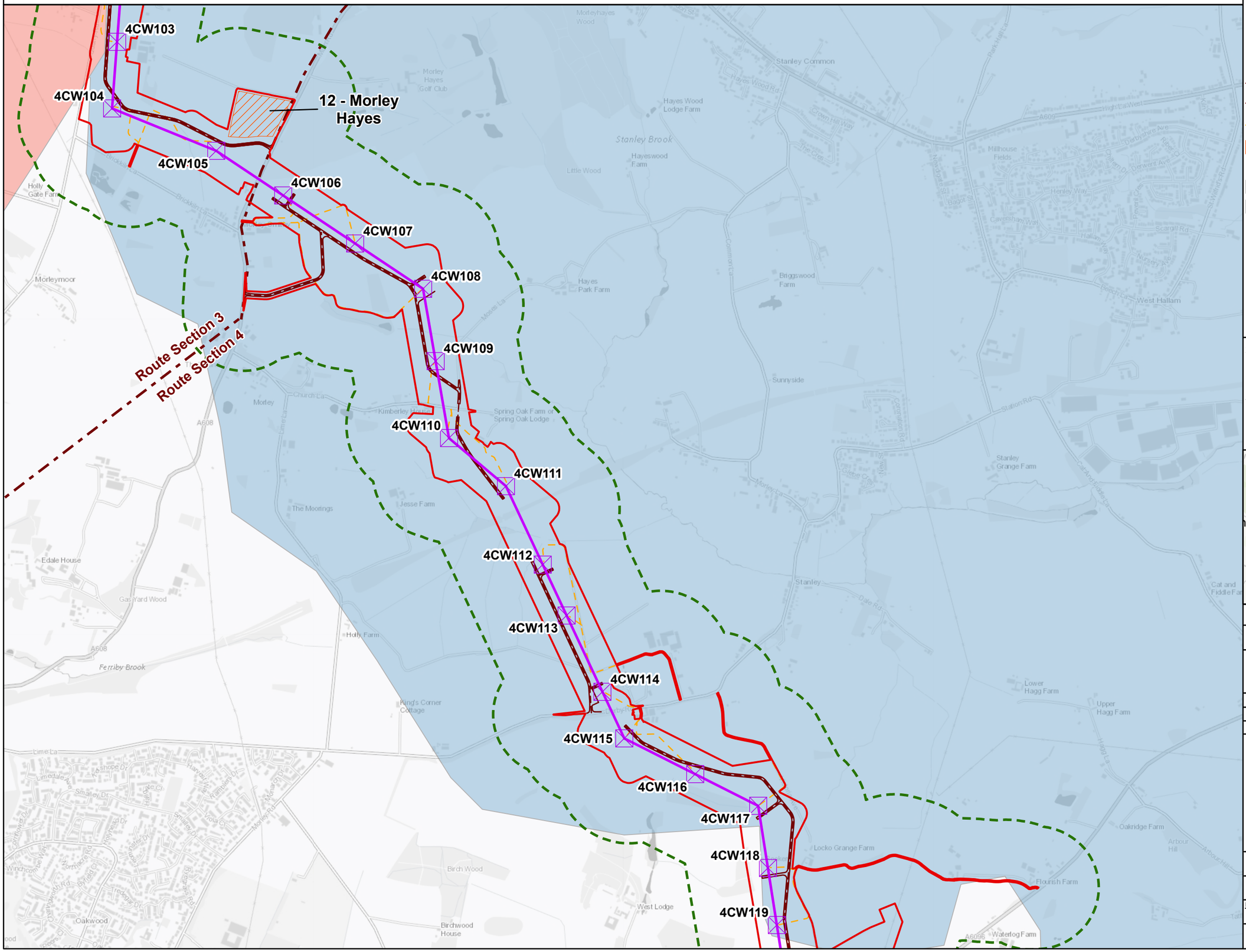

Legend

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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Surface Coal
- Sandstone/ Gritstone

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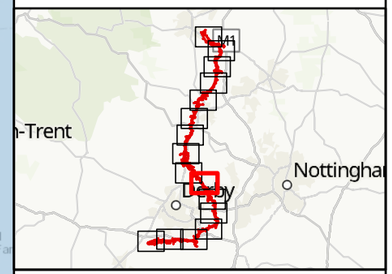

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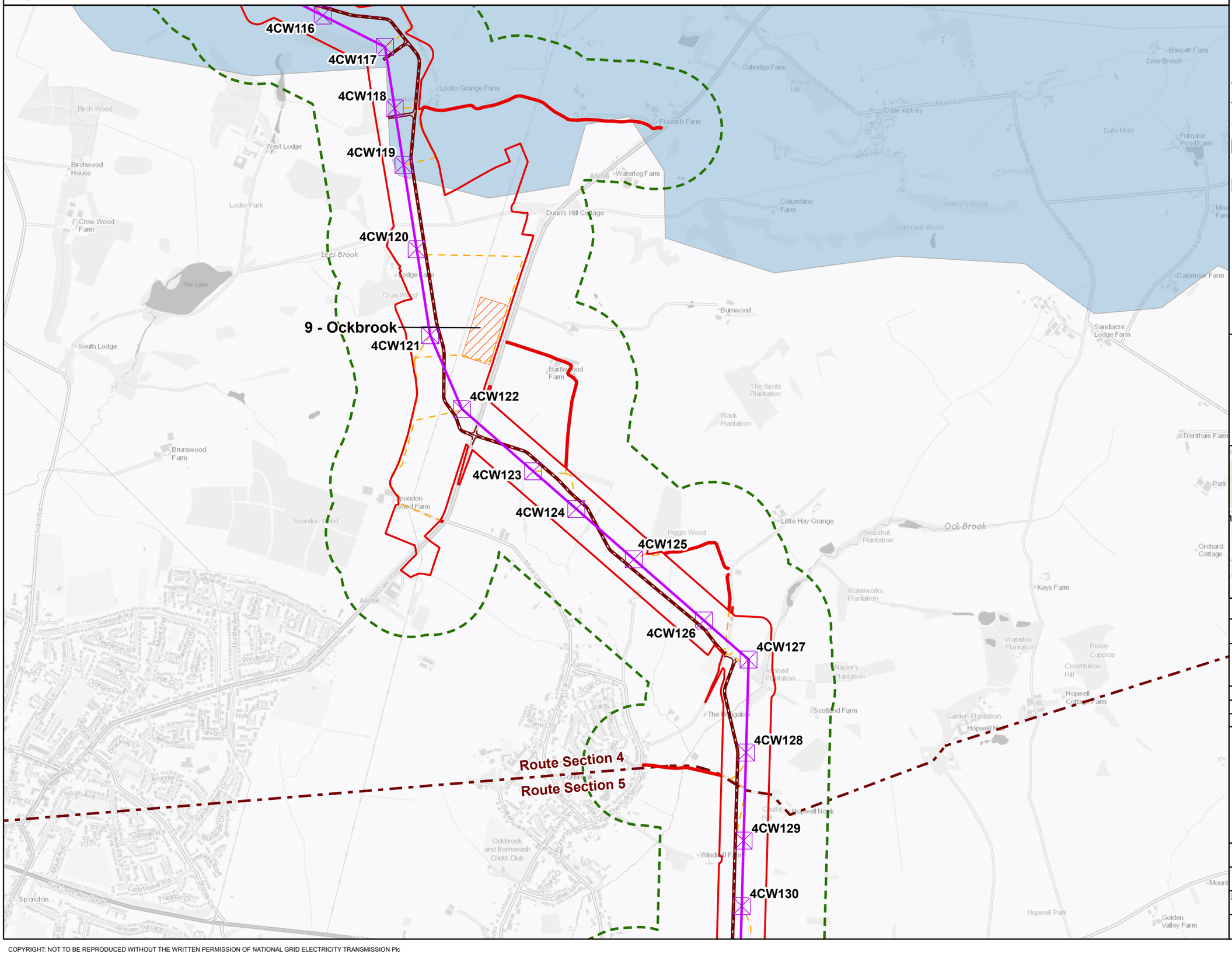

Legend

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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Surface Coal

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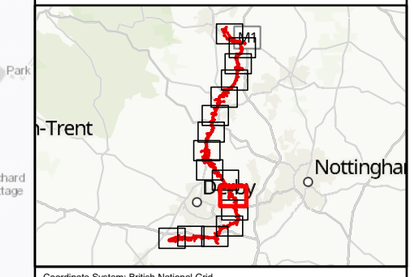

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MINERAL RESOURCES

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FIGURE 10.4:
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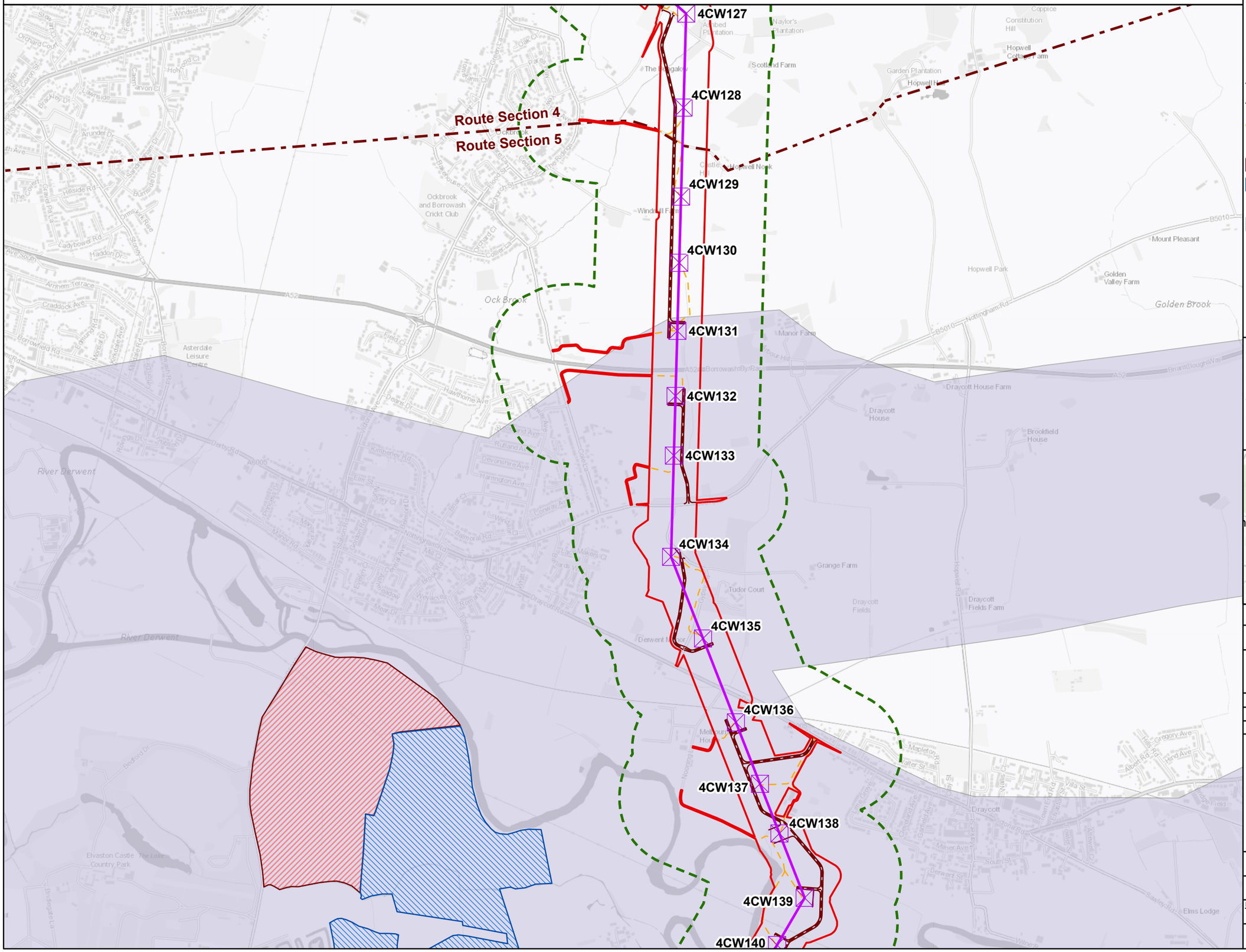

Legend

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- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Mineral Area

- Allocated Area
- Existing Permitted Area

Mineral Type

- Sand and Gravel

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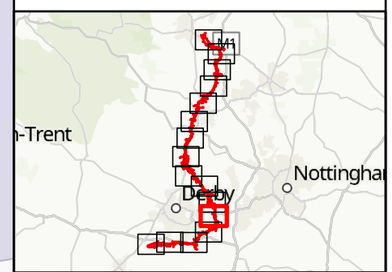

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Figure Number: Figure 10.4

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FIGURE 10.4:
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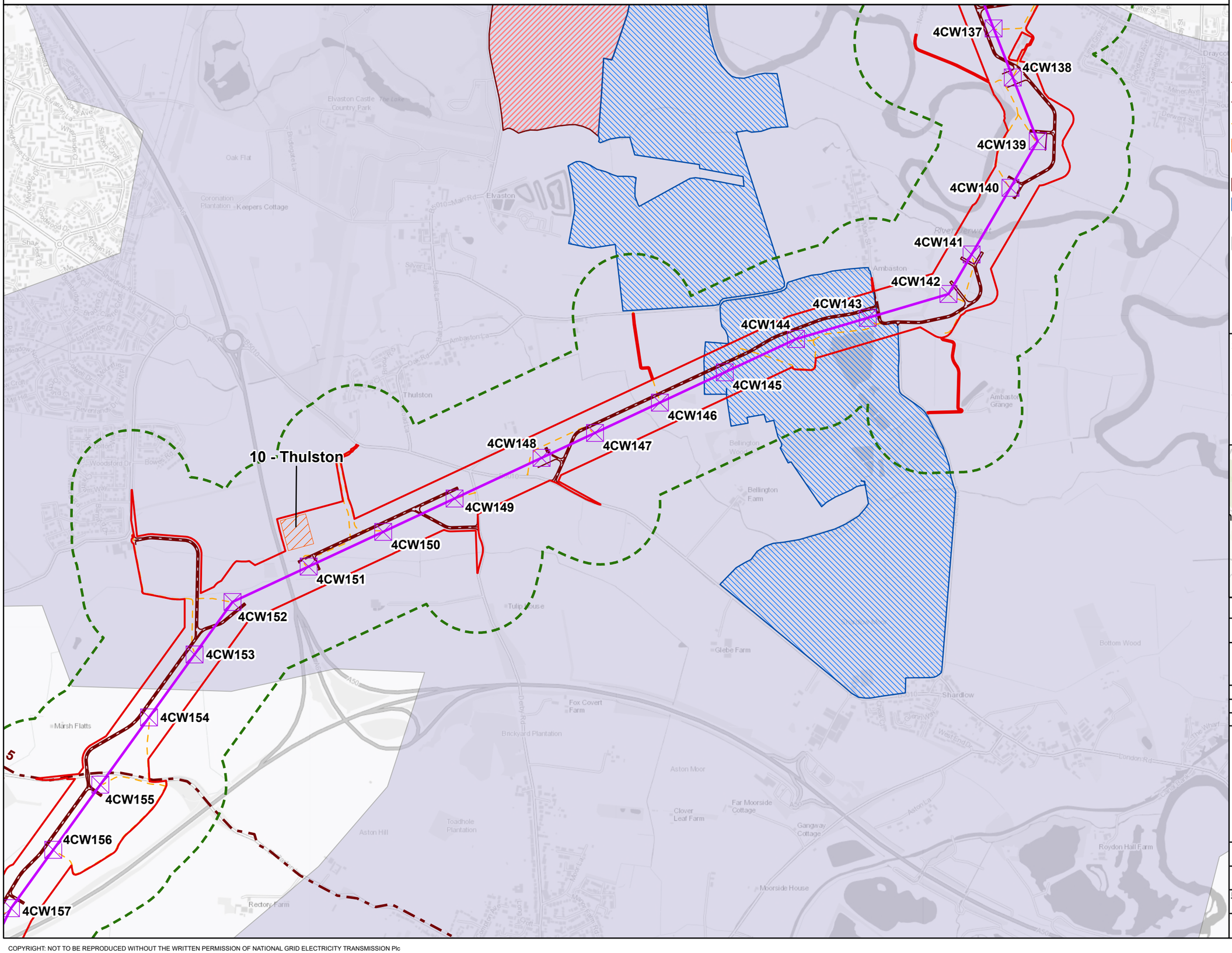

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- Indicative Construction Compound

Mineral Area

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- Existing Permitted Area

Mineral Type

- Sand and Gravel

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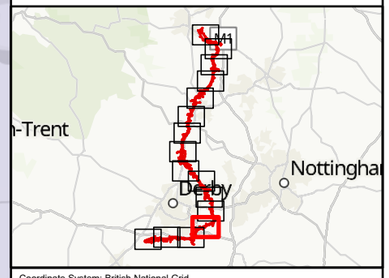

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CHESTERFIELD TO WILLINGTON
MINERAL RESOURCES

nationalgrid

Figure Number	Drawing Reference		
Figure 10.4	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000017		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 13 OF 16	1

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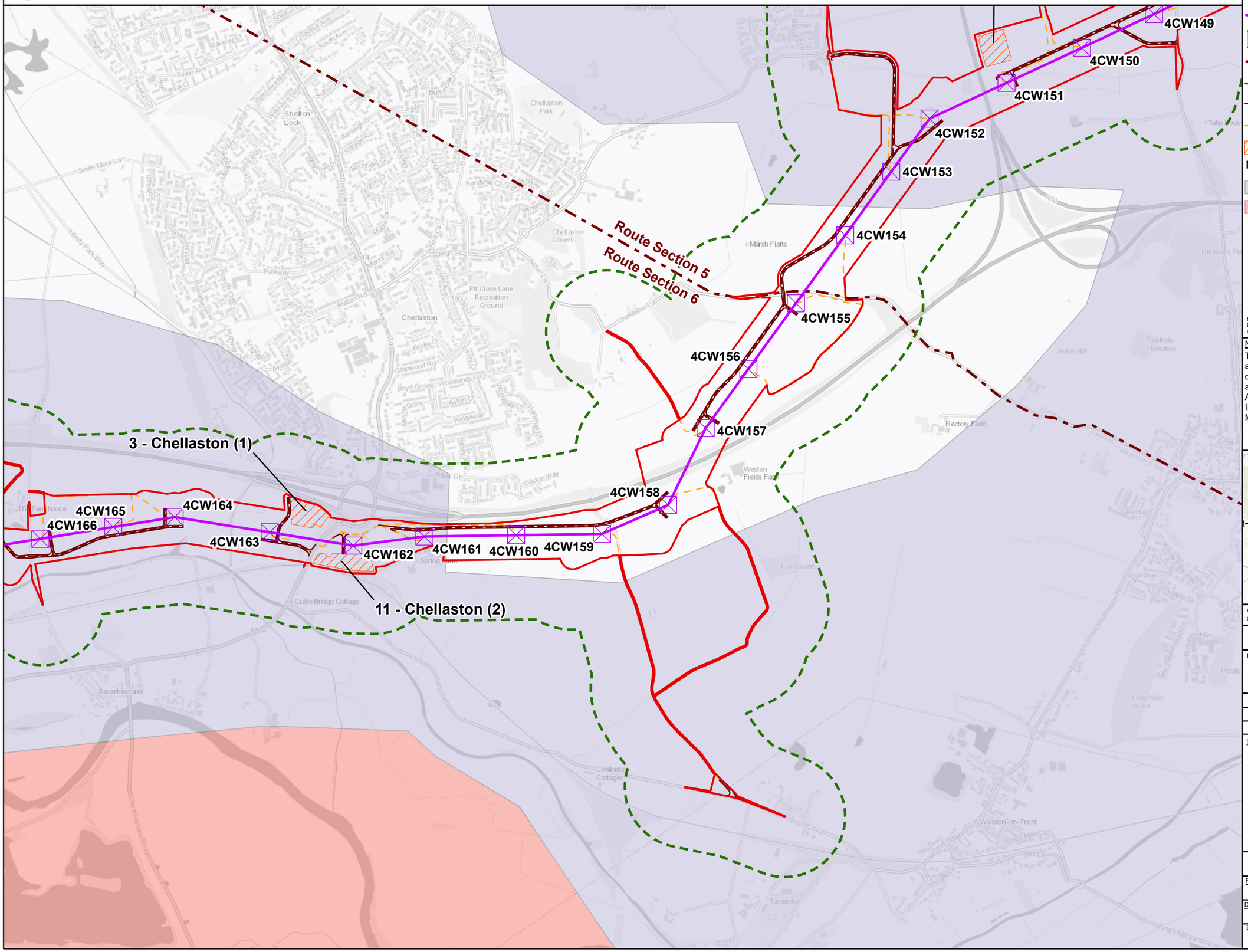
FIGURE 10.4:
MINERAL RESOURCES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Type

- Sand and Gravel
- Sandstone/ Gritstone

Mineral Safeguarding Areas, Existing Permitted and Allocated Areas obtained from the Derbyshire and Derby Minerals Local Plan, adopted in 2000 (amended in 2002) (Ref 10.12) and Pre-submission Draft Plan and Policies Maps, published in January 2023 (Ref 10.13).

Notes

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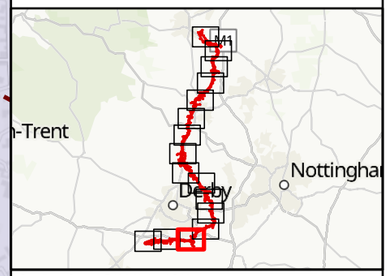

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 600
Metres

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Title

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MINERAL RESOURCES

nationalgrid

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1:15,000	A3	SHEET 14 OF 16	1

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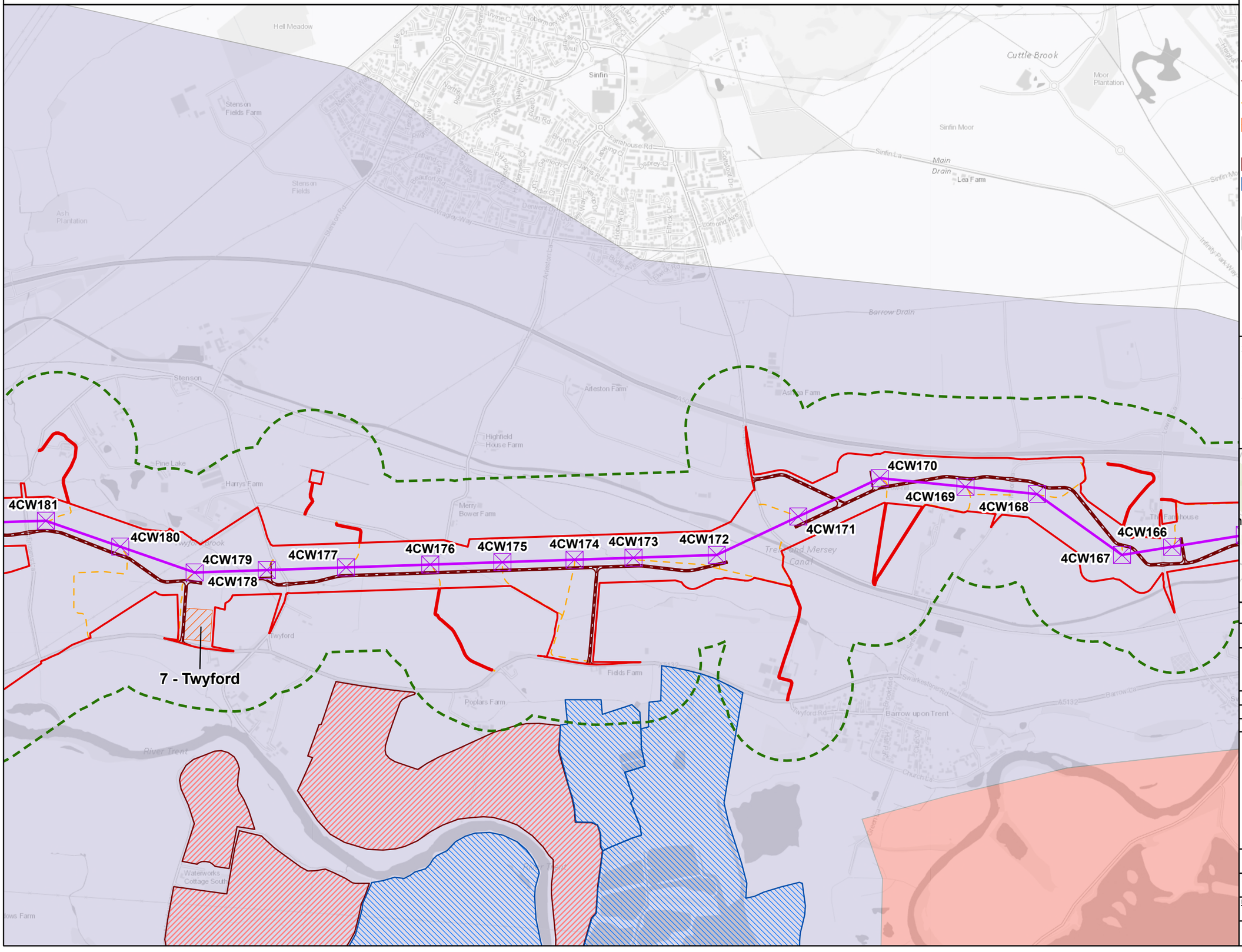
FIGURE 10.4:
MINERAL RESOURCES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Area

- Allocated Area
- Existing Permitted Area

Mineral Type

- Sand and Gravel
- Sandstone/ Gritstone

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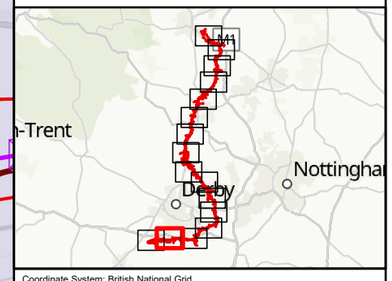

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Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

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Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 15 OF 16	1

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FIGURE 10.4:
MINERAL RESOURCES

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

4CW182
4CW181
4CW180
4CW184
4CW183
4CW179
4CW177
4CW185
4CW178
G-4
4CW186
G-3
7 - Twyford

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mineral Area

- Allocated Area
- Existing Permitted Area

Mineral Type

- Sand and Gravel

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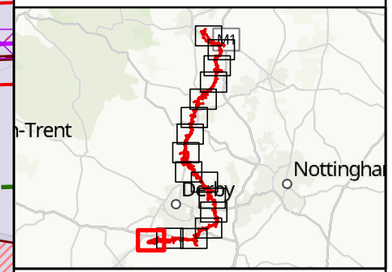

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 600 Metres

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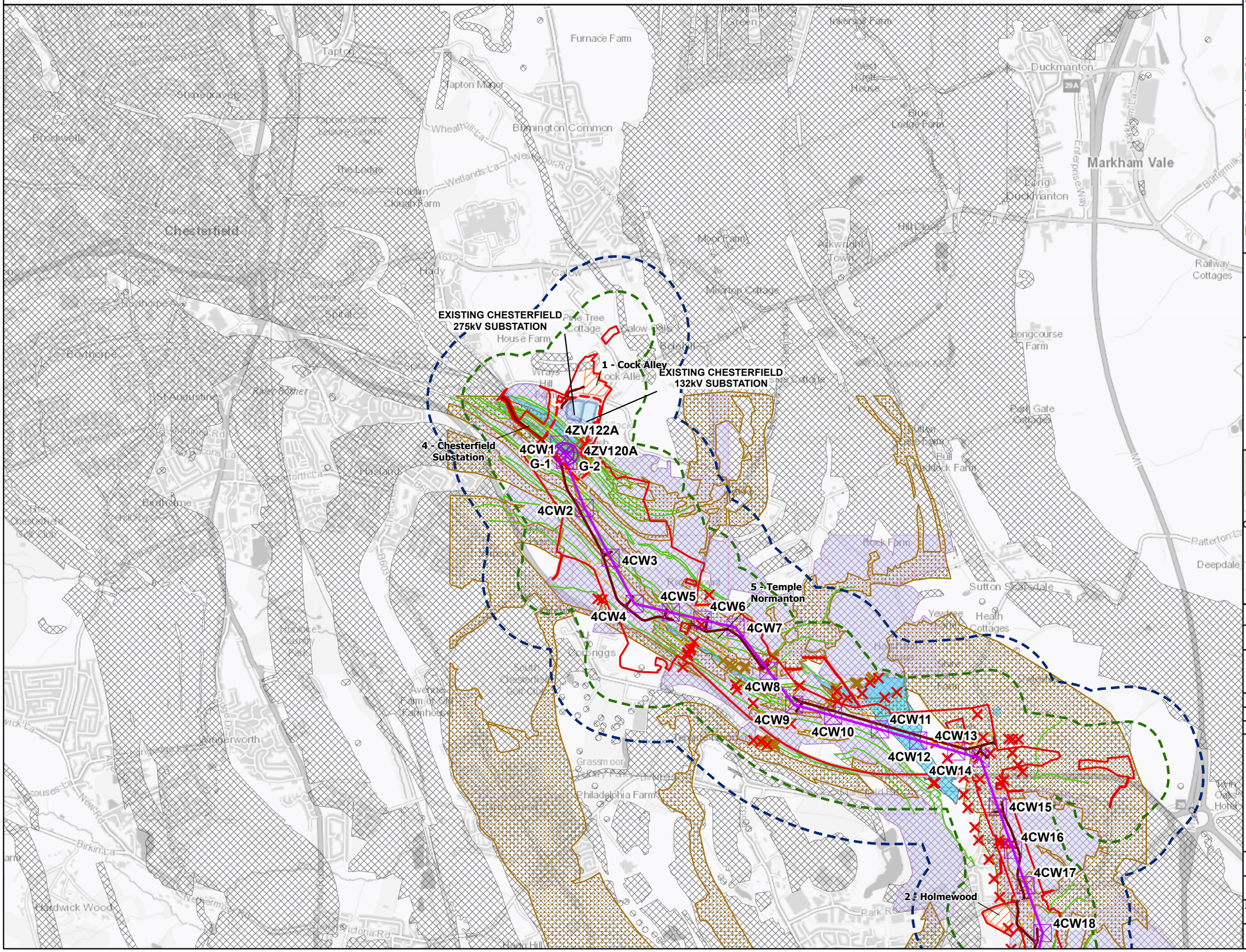
FIGURE 10.5:
COAL MINING FEATURES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mining Remediation Authority Data

- Adit
- Shaft
- Development High Risk Area
- Coal Outcrops
- Past Shallow Coal Mine Workings
- Probable Shallow Coal Mine Workings
- Unlicensed Opencast

Note:
The unlicensed opencast areas mapped on this figure are considered to be greater in size than the actual areas subject to opencast extraction. Areas of artificial ground shown across the opencast areas, refer to Figure 10.1 Artificial Ground, indicate the likely extent of the actual opencast mining.

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441243.41E Sheet Y Centroid Coordinate: 369422.42N

0 400 800 1,200
Metres

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Title

CHESTERFIELD TO WILLINGTON
COAL MINING FEATURES

nationalgrid

Figure Number	Drawing Reference		
Figure 10.5	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000018		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:26,000	A3	SHEET 1 OF 12	1

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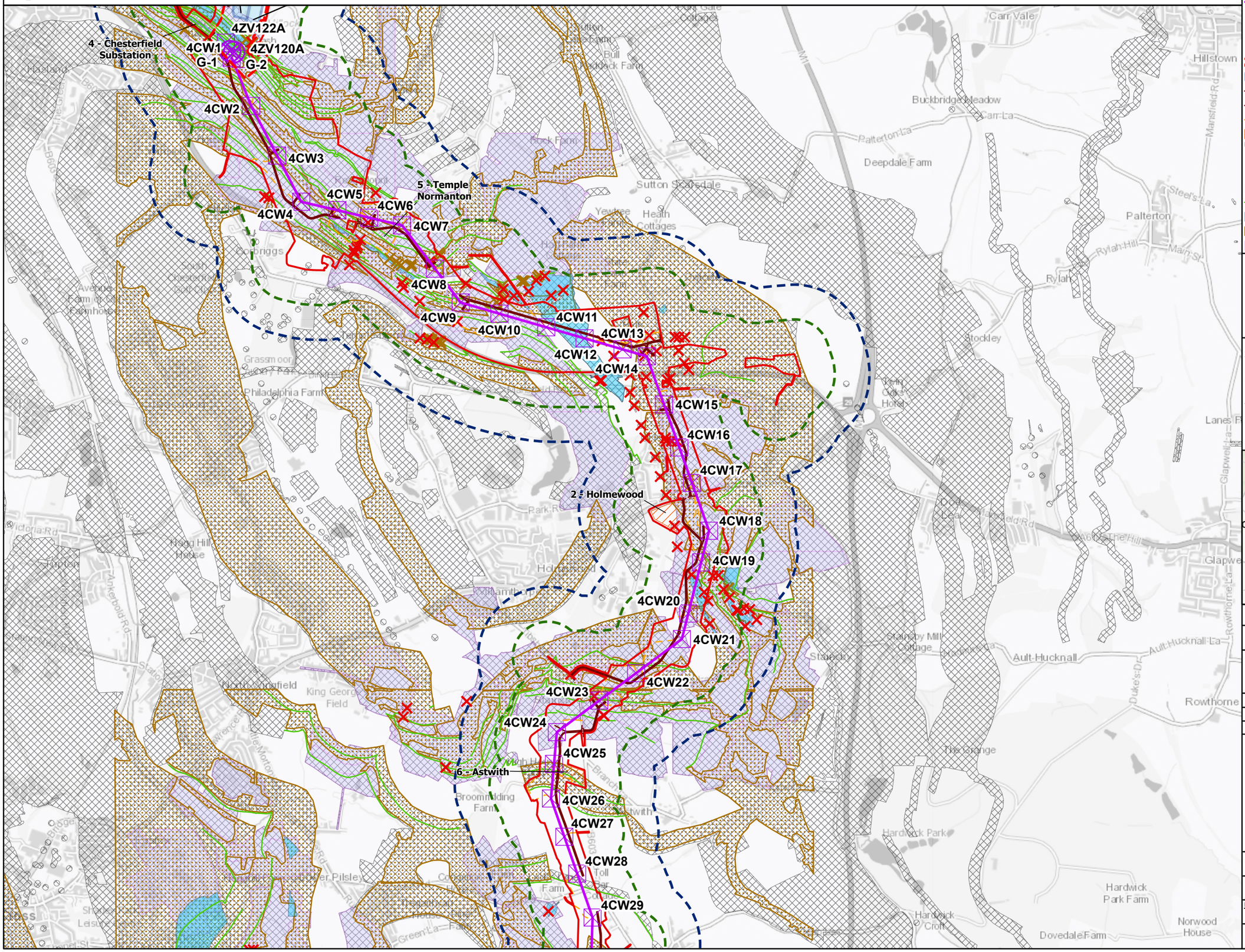
FIGURE 10.5:
COAL MINING FEATURES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Mining Remediation Authority Data

- Adit
- Shaft
- Development High Risk Area
- Coal Outcrops
- Past Shallow Coal Mine Workings
- Probable Shallow Coal Mine Workings
- Unlicensed Opencast

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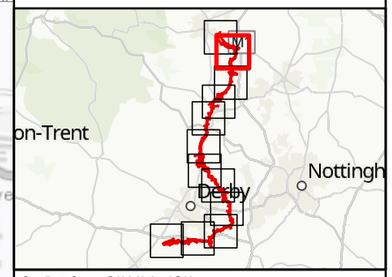

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443636.44E Sheet Y Centroid Coordinate: 366531.83N

0 400 800 1,200 Metres

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Title

CHESTERFIELD TO WILLINGTON
COAL MINING FEATURES

nationalgrid

Figure Number			
Figure 10.5			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000018			
Scale	**Sheet Size**	**Sheet**	**Issue**
1:26,000	A3	SHEET 2 OF 12	1

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FIGURE 10.5:
COAL MINING FEATURES

4CW28
4CW29
4CW30
4CW31
4CW32
4CW33
4CW34
4CW35
4CW36
4CW37
4CW38
4CW39
4CW40
4CW41
4CW42
4CW43
4CW44
4CW45
4CW46
4CW47
4CW48
4CW49
4CW50
4CW51
4CW52

Route Section 1
Route Section 2

Clay Cross
Pilsley
Stonebroom
Morton Lodge
Hardwick Park Farm
Dovedale Farm
Hardwick Croft
Bigsby Farm
Pine Lodge
The Bungalow
Gretton View
Brambles Farm
Hagg Farm
Pasture Lane Farm
Newton
Red Barn Farm
Horsley Lodge Farm
Sorbo Farm
New Tree Farm
Commonside
Ruthwaite
Silverhill Wood Country Park
Silverhill Farm
Orchard Farm
Shepherds Lane Farm
Doodill Farm
Hillingdon
Hurst Farm
Willow Croft
Hillside
Beaumont Cottage
Ad Astra
Carr Hill
Nunn Brook Rd
Alfreton Rd
Derby
Nottingh
on-Trent

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Mining Remediation Authority Data

- Adit
- Shaft
- Development High Risk Area
- Coal Outcrops
- Past Shallow Coal Mine Workings
- Probable Shallow Coal Mine Workings
- Unlicensed Opencast

Note:
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Sheet X Centroid Coordinate: 443238.48E Sheet Y Centroid Coordinate: 360483.91N

0 400 800 1,200 Metres

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CHESTERFIELD TO WILLINGTON
COAL MINING FEATURES

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Figure Number: Figure 10.5

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Scale	Sheet Size	Sheet	Issue
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FIGURE 10.5:
COAL MINING FEATURES

4CW40
4CW41
4CW42
4CW43
4CW44
4CW45
4CW46
4CW47
4CW48
4CW49
4CW50
4CW51
4CW52
4CW53
4CW54
4CW55
4CW56
4CW57
4CW58
4CW59
4CW60
4CW61
4CW62
4CW63
8 - Alfreton
River Amber

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
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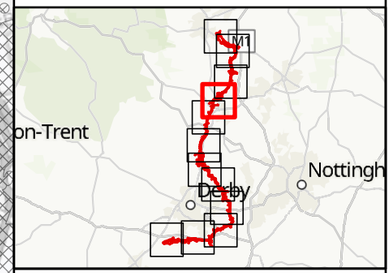

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440844.86E Sheet Y Centroid Coordinate: 356725.38N

0 400 800 1,200 Metres

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COAL MINING FEATURES

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Figure Number
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Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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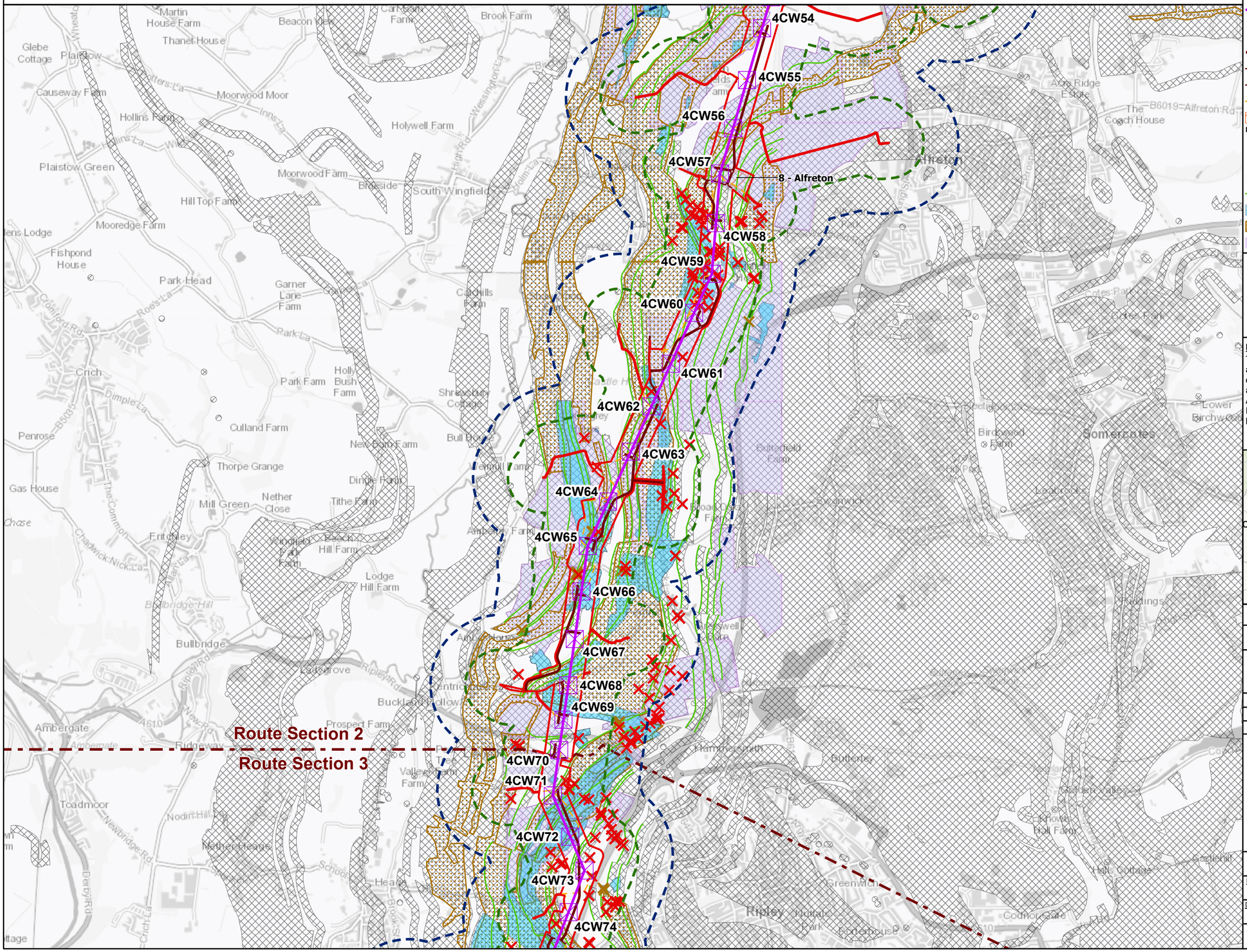
FIGURE 10.5:
COAL MINING FEATURES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
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- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
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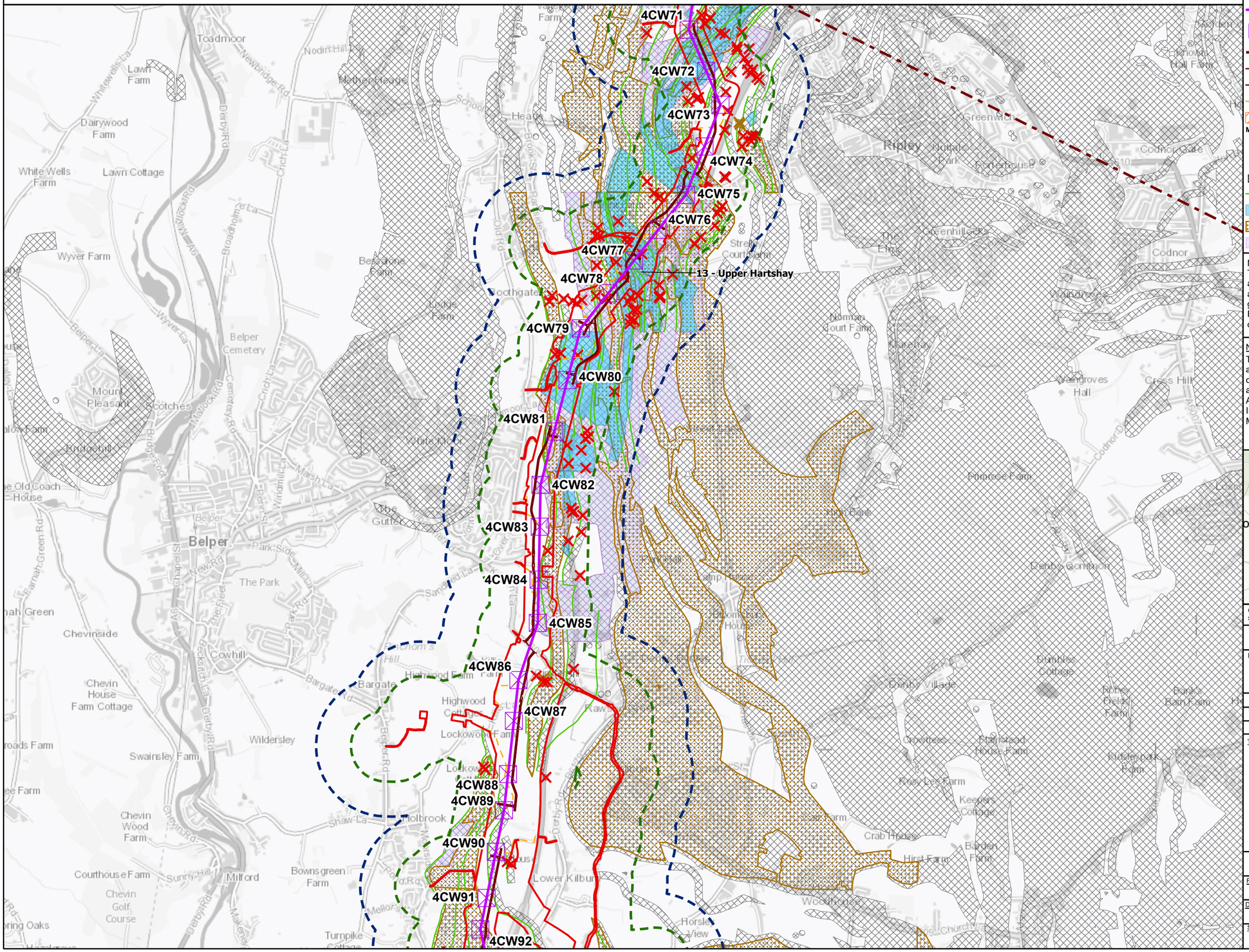
FIGURE 10.5:
COAL MINING FEATURES



Legend

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- Route Section
- Indicative Haulage Road Center line
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0 400 800 1,200 Metres

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Figure 10.5

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
1:26,000	A3	SHEET 6 OF 12	1

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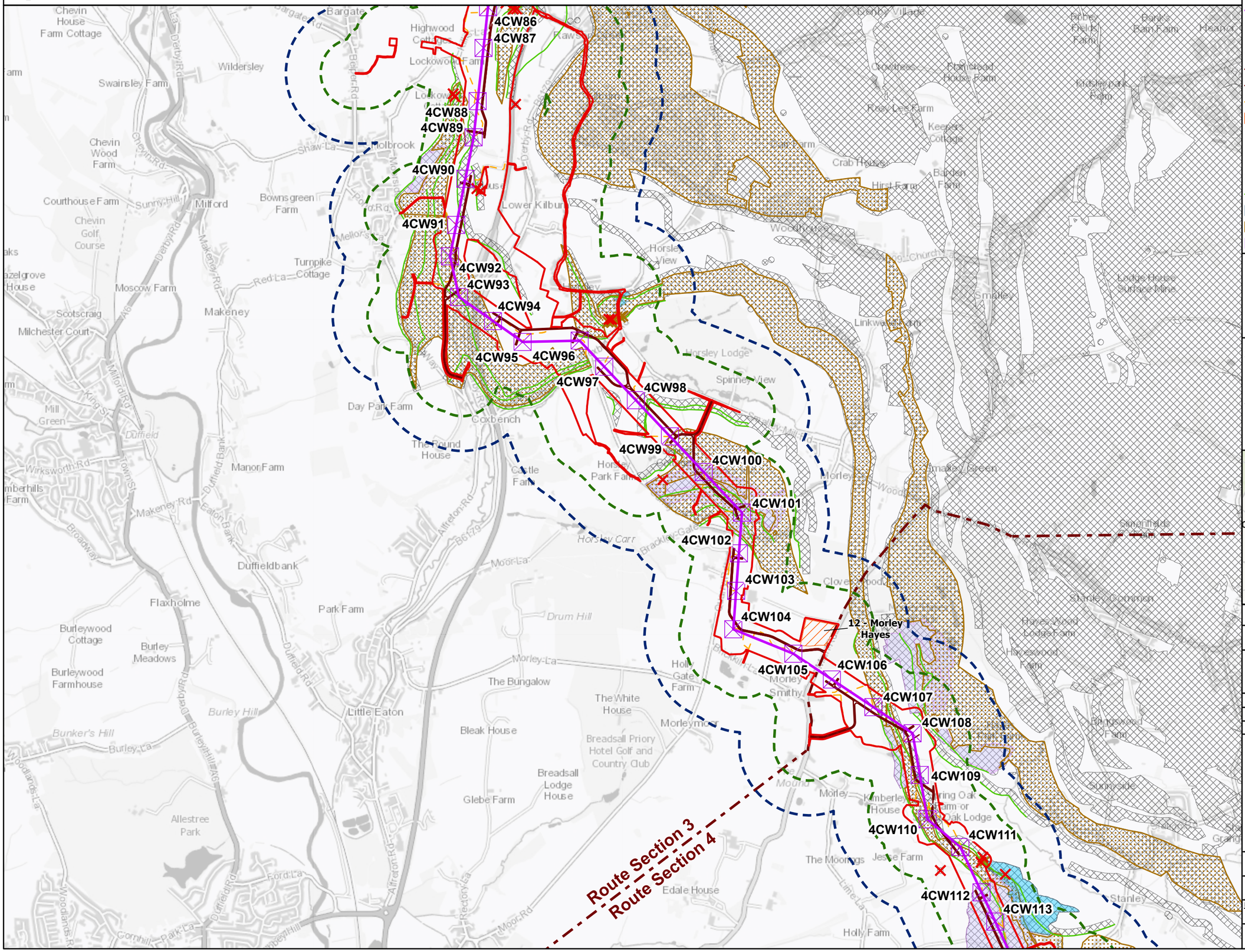
FIGURE 10.5:
COAL MINING FEATURES



Legend

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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
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0 400 800 1,200 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
COAL MINING FEATURES

nationalgrid

Figure Number: Figure 10.5

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000018

Scale	Sheet Size	Sheet	Issue
1:26,000	A3	SHEET 7 OF 12	1

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FIGURE 10.5:
COAL MINING FEATURES

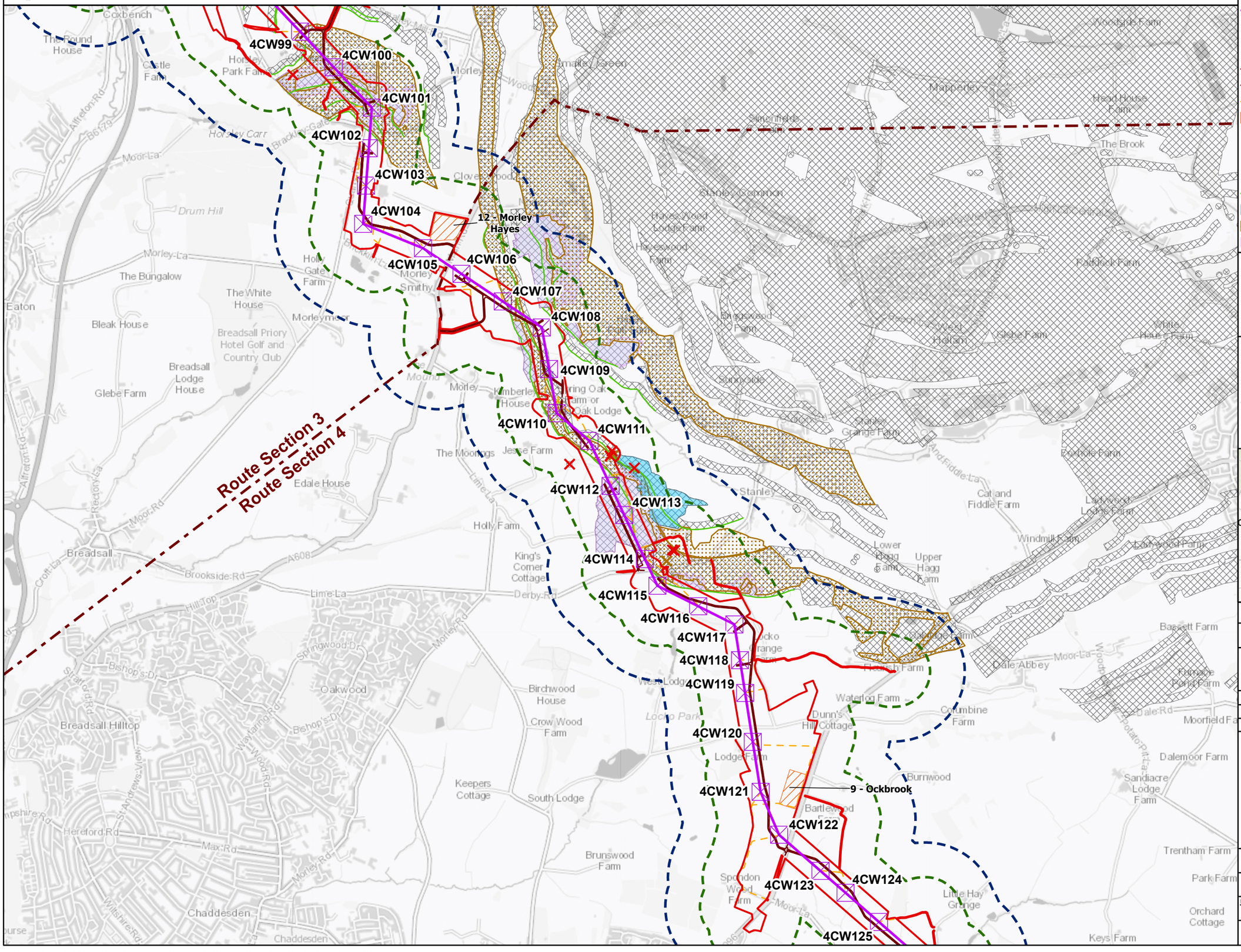
4CW99
4CW100
4CW101
4CW102
4CW103
4CW104
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
4CW111
4CW112
4CW113
4CW114
4CW115
4CW116
4CW117
4CW118
4CW119
4CW120
4CW121
4CW122
4CW123
4CW124
4CW125
12 - Morley Hayes
9 - Ockbrook
Route Section 3
Route Section 4
Coxbench
The Round House
Castle Farm
Alfreton Rd
B6179
Horsley Park Farm
Horsley Carr
Moor La
Drum Hill
Morley La
The Bungalow
Eaton
Bleak House
The White House
Morleymoor
Breadsall Priory Hotel Golf and Country Club
Breadsall Lodge House
Glebe Farm
Hollygate Farm
Morley Smithy
Morley
Kimberley House
Spring Oak Farm or Oak Lodge
The Moorings
Jesse Farm
Edale House
Rectory La
Moor Rd
Breadsall
Croft La
Brookside Rd
A608
Lime La
Holly Farm
King's Corner Cottage
Derby Rd
Stanley
Hill Top
Morley Rd
Springwood Dr
Bishop's Dr
Stratford Rd
Oakwood
Breadsall Hilltop
Wayfaring Rd
Wood Rd
St Andrews View
Hereford Rd
Max Rd
Wiltshire Rd
Chaddesden
Birchwood House
Crow Wood Farm
Keepers Cottage
South Lodge
Brunswood Farm
Spondon Wood Farm
Little Hay Grange
Orchard Cottage
Keys Farm
Trentham Farm
Park Farm
Dalemoor Farm
Sandiacre Lodge Farm
Burnwood
Bartlewood Farm
Lodge Farm
Dunn's Hill Cottage
Waterloo Farm
Columbine Farm
Dale Abbey
Moor La
Basset Farm
Ramsa Park Farm
Moorfield Farm
Dale Rd
Potato Pit La
Hasosh Farm
Locko Grange Farm
Locko Park
West Lodge
Cat and Fiddle Farm
Windmill Farm
Lower Hagg Farm
Upper Hagg Farm
Lodge Farm
Lodge Farm
Stanley Common
Morley Moor
Clover Wood
Bracken Gate
Hazelwood Lodge Farm
Hazelwood Farm
Smalley Green
Woodside Farm
Mapperley
Head House Farm
Shipley Hills Farm
The Brook
Fiddock Farm
Glebe Farm
Whitehouse Farm
Woodside
Grange Farm
Pothole Farm
Lodge Farm
Lodge Farm
Lodge

FIGURE 10.5:
COAL MINING FEATURES

4CW118
4CW119
4CW120
4CW121
4CW122
4CW123
4CW124
4CW125
4CW126
4CW127
4CW128
4CW129
4CW130
4CW131
4CW132
4CW133
4CW134
4CW135
4CW136
4CW137
4CW138
4CW139
4CW140
4CW141
4CW142

9 - Ockbrook

Route Section 4
Route Section 5

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Development High Risk Area
- Probable Shallow Coal Mine Workings

Note:
The unlicensed opencast areas mapped on this figure are considered to be greater in size than the actual areas subject to opencast extraction. Areas of artificial ground shown across the opencast areas, refer to Figure 10.1 Artificial Ground, indicate the likely extent of the actual opencast mining.

Notes
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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442477.1E Sheet Y Centroid Coordinate: 335616.55N

0 400 800 1,200
Metres

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Title

CHESTERFIELD TO WILLINGTON
COAL MINING FEATURES

nationalgrid

Figure Number: Figure 10.5

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000018

Scale	Sheet Size	Sheet	Issue
1:26,000	A3	SHEET 9 OF 12	1

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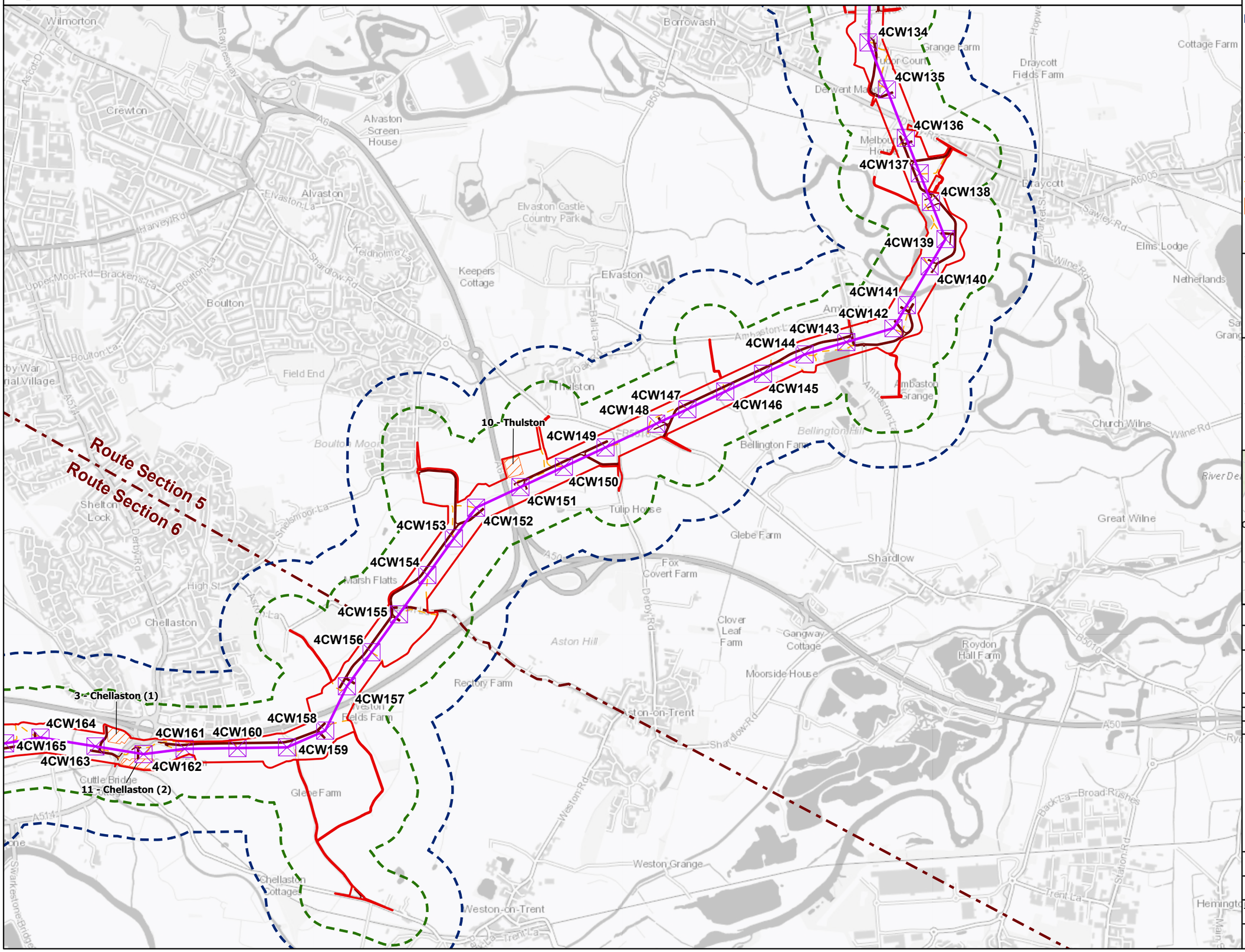
FIGURE 10.5:
COAL MINING FEATURES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Development High Risk Area

Note:
The unlicensed opencast areas mapped on this figure are considered to be greater in size than the actual areas subject to opencast extraction. Areas of artificial ground shown across the opencast areas, refer to Figure 10.1 Artificial Ground, indicate the likely extent of the actual opencast mining.

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Sheet X Centroid Coordinate: 441263.69E Sheet Y Centroid Coordinate: 331201.22N

0 400 800 1,200 Metres

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Title

CHESTERFIELD TO WILLINGTON
COAL MINING FEATURES

nationalgrid

Figure Number
Figure 10.5

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
1:26,000	A3	SHEET 10 OF 12	1

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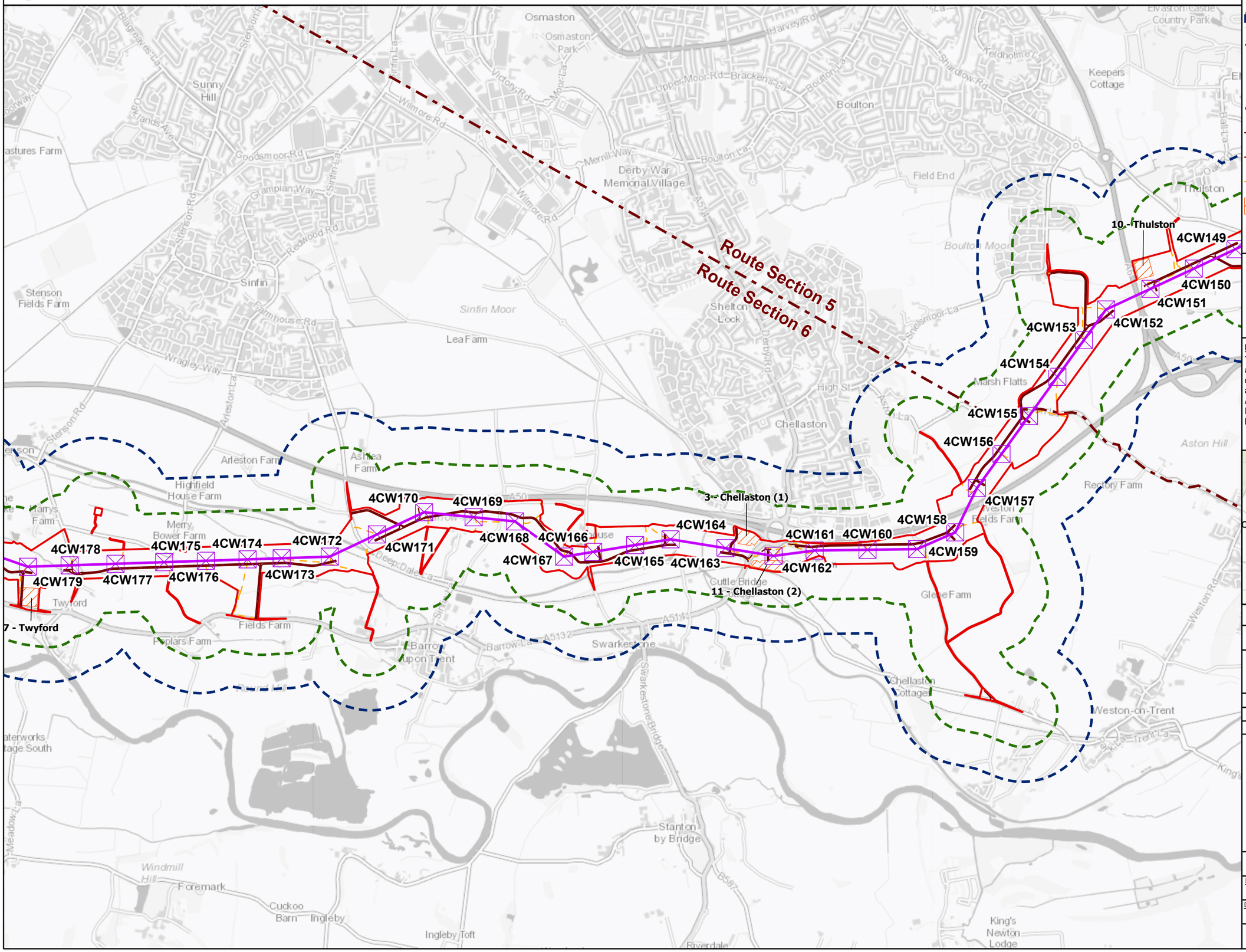
FIGURE 10.5:
COAL MINING FEATURES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Development High Risk Area

Note:
The unlicensed opencast areas mapped on this figure are considered to be greater in size than the actual areas subject to opencast extraction. Areas of artificial ground shown across the opencast areas, refer to Figure 10.1 Artificial Ground, indicate the likely extent of the actual opencast mining.

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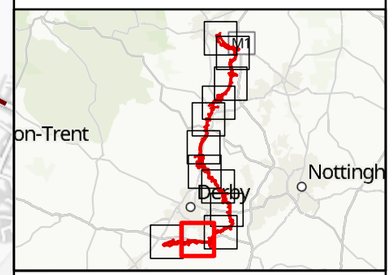

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 436734.35E Sheet Y Centroid Coordinate: 329776.73N

0 400 800 1,200 Metres

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COAL MINING FEATURES

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Figure Number	Drawing Reference		
Figure 10.5	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000018		
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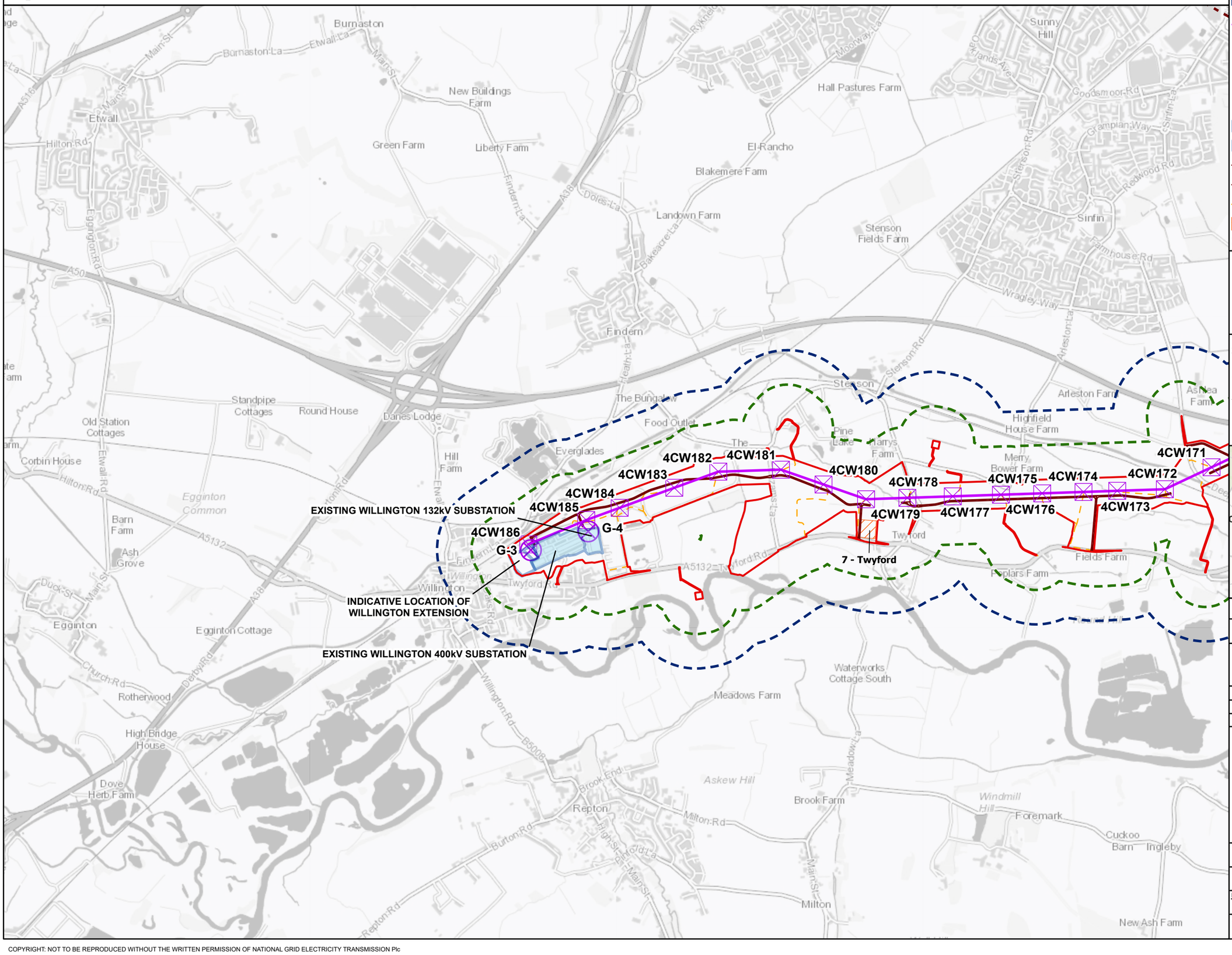
FIGURE 10.5:
COAL MINING FEATURES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Development High Risk Area

Note:
The unlicensed opencast areas mapped on this figure are considered to be greater in size than the actual areas subject to opencast extraction. Areas of artificial ground shown across the opencast areas, refer to Figure 10.1 Artificial Ground, indicate the likely extent of the actual opencast mining.

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0 400 800 1,200 Metres

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COAL MINING FEATURES

nationalgrid

Figure Number
Figure 10.5

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
1:26,000	A3	SHEET 12 OF 12	1

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FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

1 - Cock Alley

4 - Chesterfield Substation

5 - Temple Normanton

4ZV122A
G-1
G-2
4ZV120A
4CW1
4CW2
4CW3
4CW4
4CW5
4CW6
4CW7
4CW8
4CW9
4CW10
4CW11
4CW12
4CW13
4CW14

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Notes

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Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 1 OF 16	1

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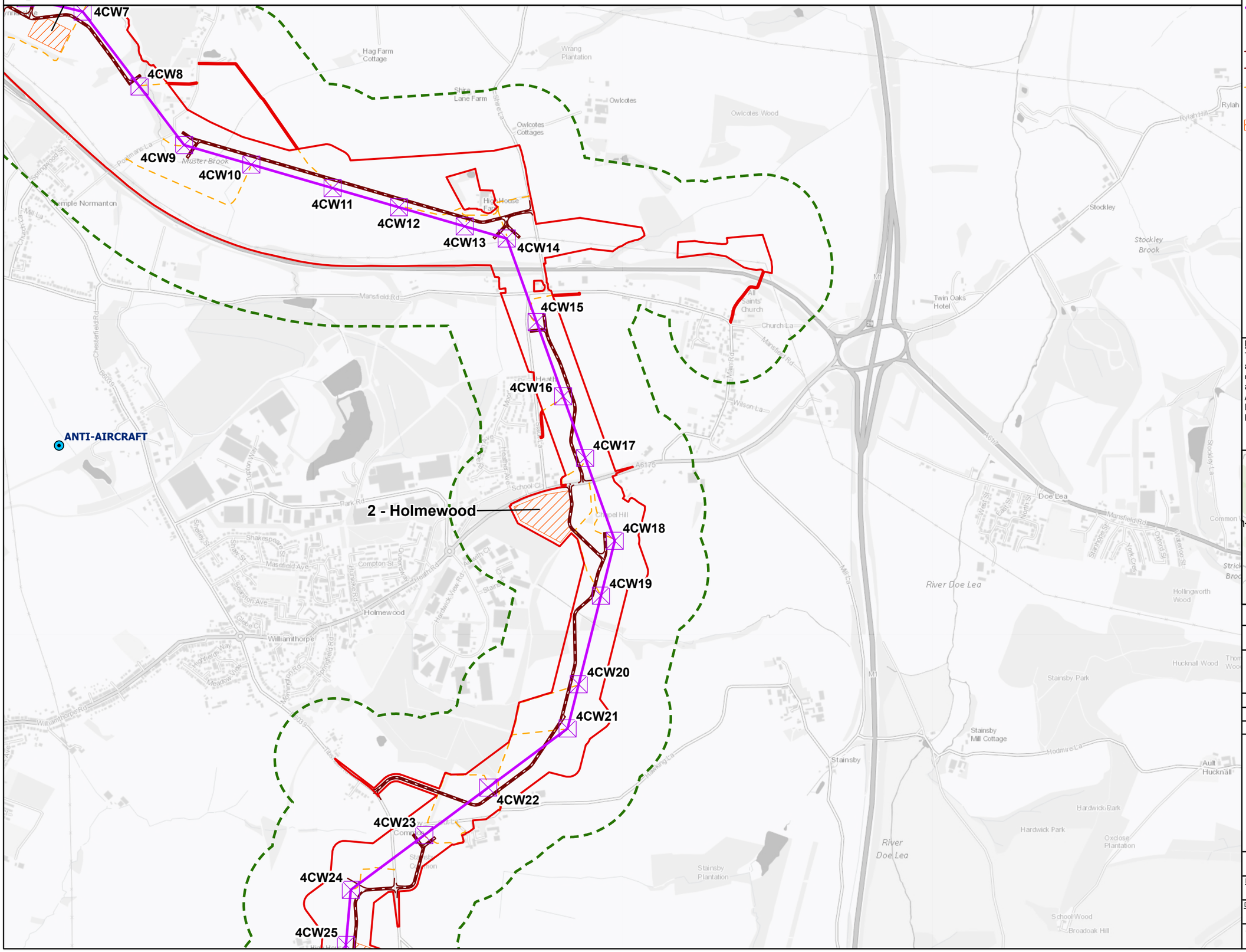
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Indicative Construction Compound

Notes

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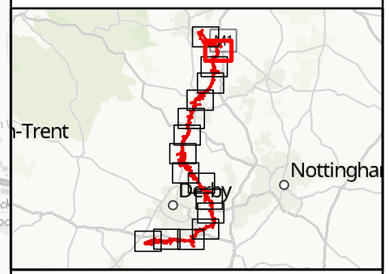

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number	Drawing Reference		
Figure 10.6	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 2 OF 16	1

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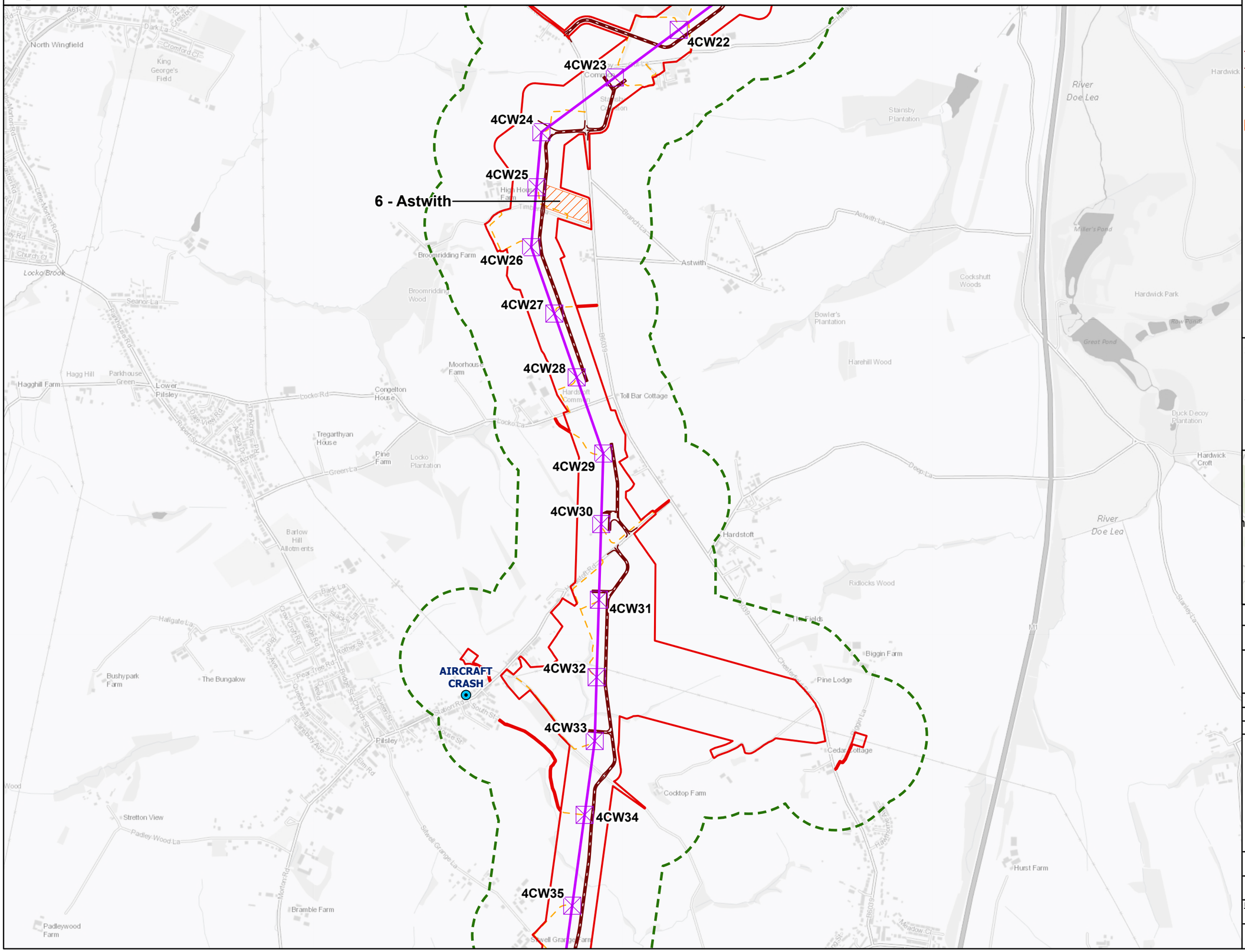
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Indicative Construction Compound

Notes

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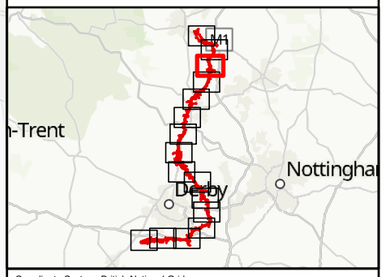

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

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1:15,000	A3	SHEET 3 OF 16	1

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FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

4CW34
4CW35
4CW36
4CW37
4CW38
4CW39
4CW40
4CW41
4CW42
4CW43
4CW44
4CW45
4CW46

Route Section 1
Route Section 2

Padley Wood
Stretton View
Padley Wood La
Padleywood Farm
Averill Farm
Bramble Farm
Springwell Cottage
Pewithall Farm
Hagg Farm
Morton Lodge
Nethermoor House
Morton
Stretton Rd
Doe Hill La
Doe Hill Community Park
Stonebroom
Morton Brook
Pasture Lane Farm
Cocktop Farm
Hurst Farm
Tibshelf
Station Cottage
Station House
Banks Farm
Newton
Red Barn Farm
Blackwell
Church Hill
Beaumont Cottage
Derby
Nottingham

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 4 OF 16	1

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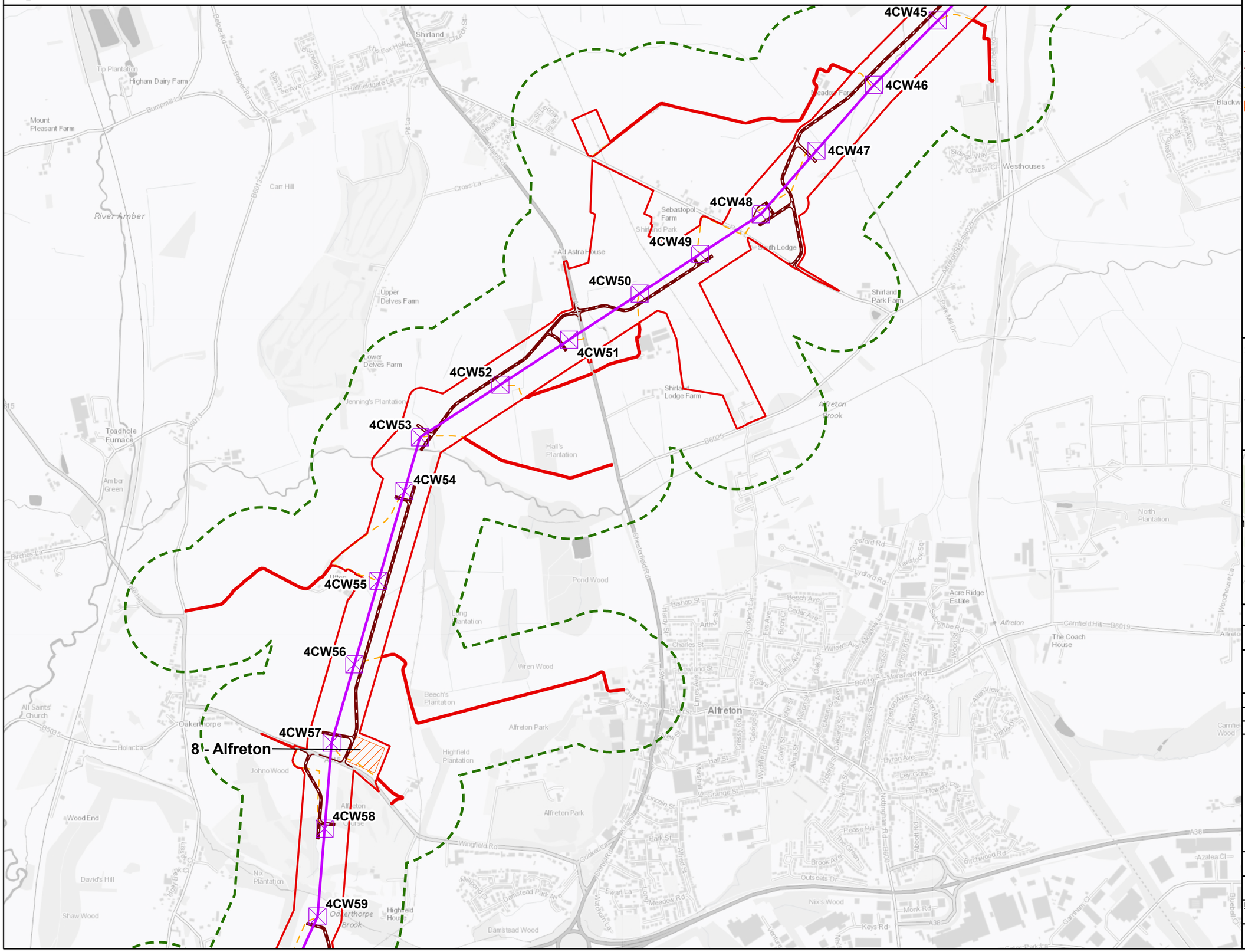
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Notes

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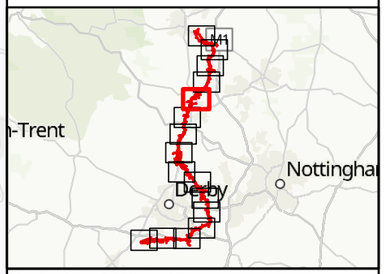

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

0 200 400 600 Metres

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Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 5 OF 16	1

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FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

4CW59
4CW60
4CW61
4CW62
4CW63
4CW64
4CW65
4CW66
4CW67
4CW68
4CW69
4CW70

Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

0 200 400 600 Metres

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Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 6 OF 16	1

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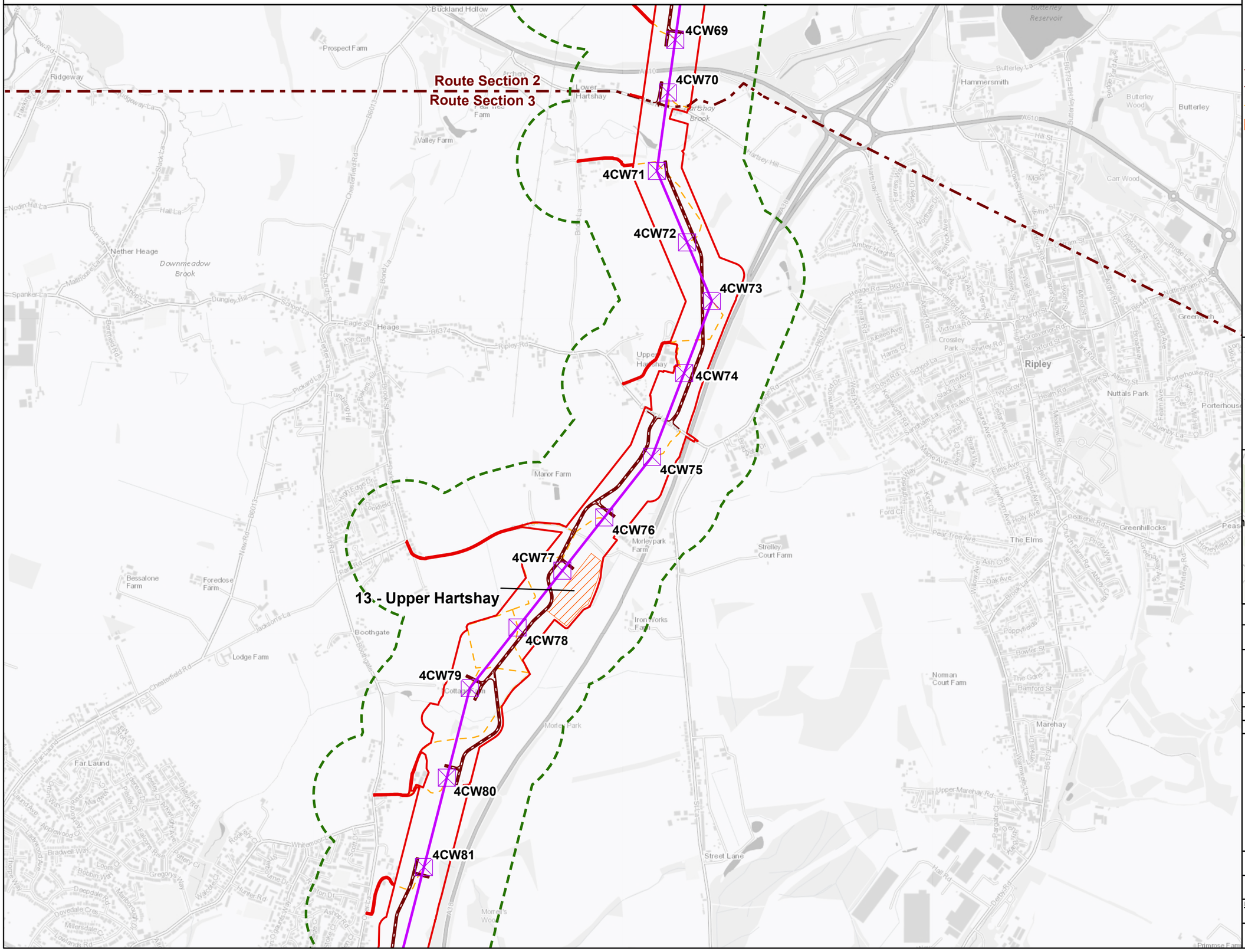
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Notes

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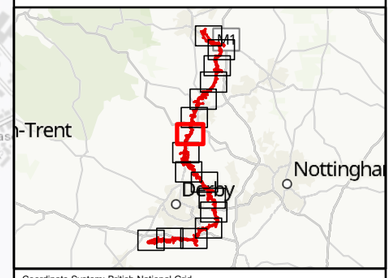

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number
Figure 10.6

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
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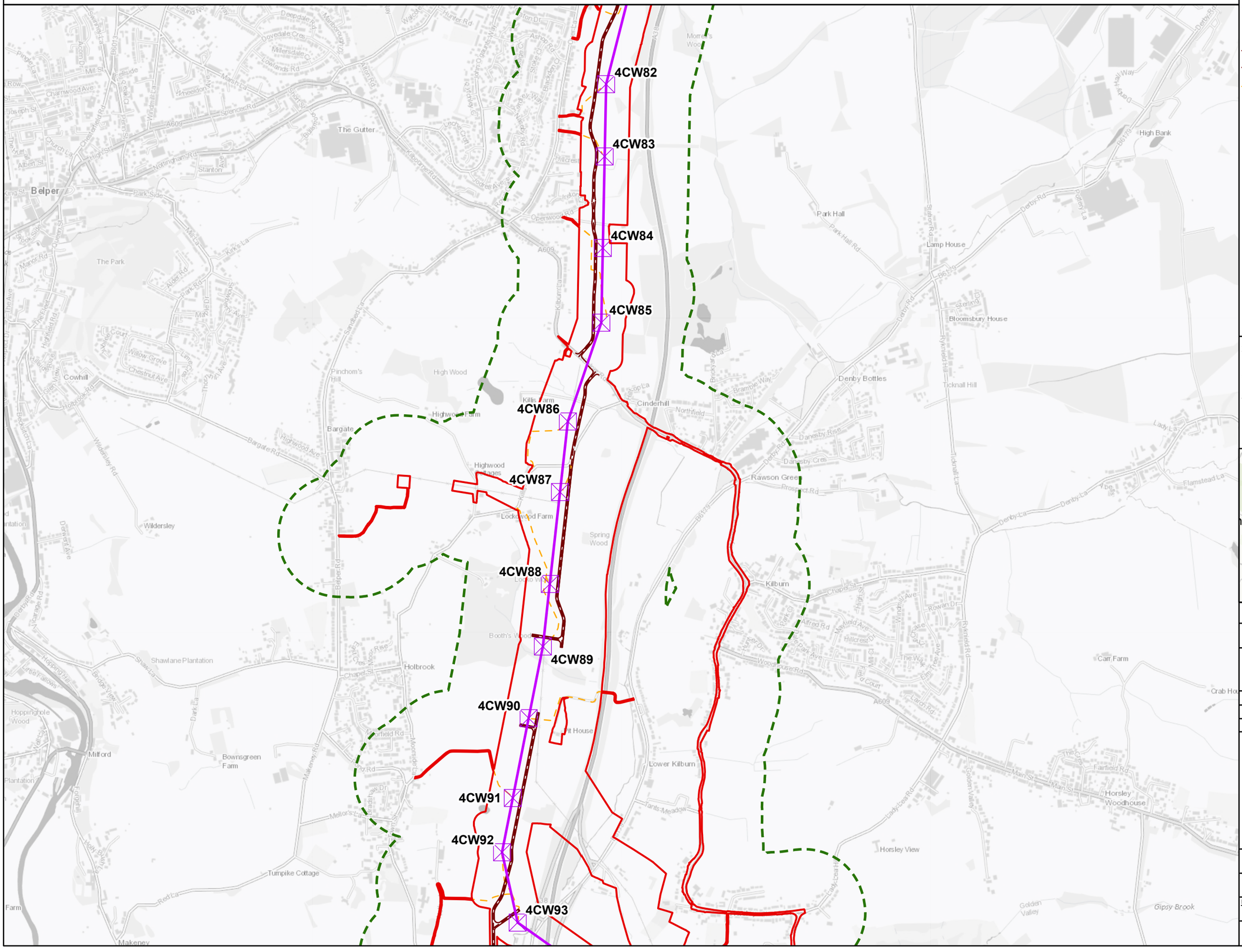
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Notes

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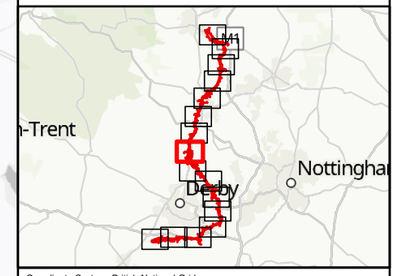

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

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FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

4CW93
4CW94
4CW95
4CW96
4CW97
4CW98
4CW99
4CW100
4CW101
4CW102
4CW103
4CW104
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
12 - Morley Hayes
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Notes
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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437924.48E Sheet Y Centroid Coordinate: 342501.76N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 9 OF 16	1

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FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

4CW103
4CW104
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
4CW111
4CW112
4CW113
4CW114
4CW115
4CW116
4CW117
4CW118
4CW119
12 - Morley Hayes
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Notes

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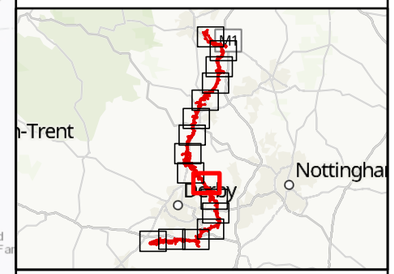

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number	Drawing Reference		
Figure 10.6	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:15,000	A3	SHEET 10 OF 16	1

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FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

4CW116
4CW117
4CW118
4CW119
4CW120
9 - Ockbrook
4CW121
4CW122
4CW123
4CW124
4CW125
4CW126
4CW127
4CW128
4CW129
4CW130
ANTI-AIRCRAFT
Route Section 4
Route Section 5

Locko Grange Farm
Flourish Farm
Oakridge Farm
Arbour Hill
Dale Abbey
Moor La
Bassett Farm
Sow Brook
Dale Moor
Furnace Pond Farm
Birch Wood
West Lodge
Birchwood House
Locko Park
Crow Wood Farm
Lees Brook
The Lake
Waterlog Farm
A6096
Columbine Farm
Dunn's Hill Cottage
Hermit's Wood
Ockbrook Wood
Dalemoor Farm
Burnwood
Sandiacre Lodge Farm
South Lodge
Bartlemere Farm
The Spots Plantation
Black Plantation
Trentham Farm
Brunswood Farm
Spondon Wood Farm
Spondon Wood
Piggin Wood
Little Hay Grange
Swisshut Plantation
Ock Brook
Orchard Cottage
Keys Farm
Waterworks Plantation
Waterloo Plantation
Risley Coppice
Constitution Hill
Hopwell Cottage Farm
Scotland Farm
Garden Plantation
Hopwell Hall
Castle Hill
Hopwell Nook
Windmill Farm
Ockbrook and Borrowash Cricket Club
Hopwell Park
Golden Valley Farm
Spondon

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Indicative Construction Compound

Notes

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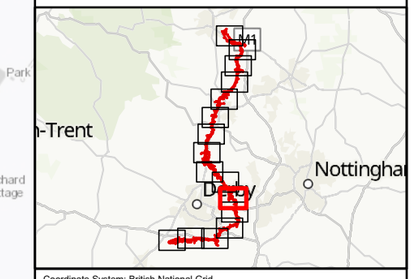

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442538E Sheet Y Centroid Coordinate: 337359.31N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
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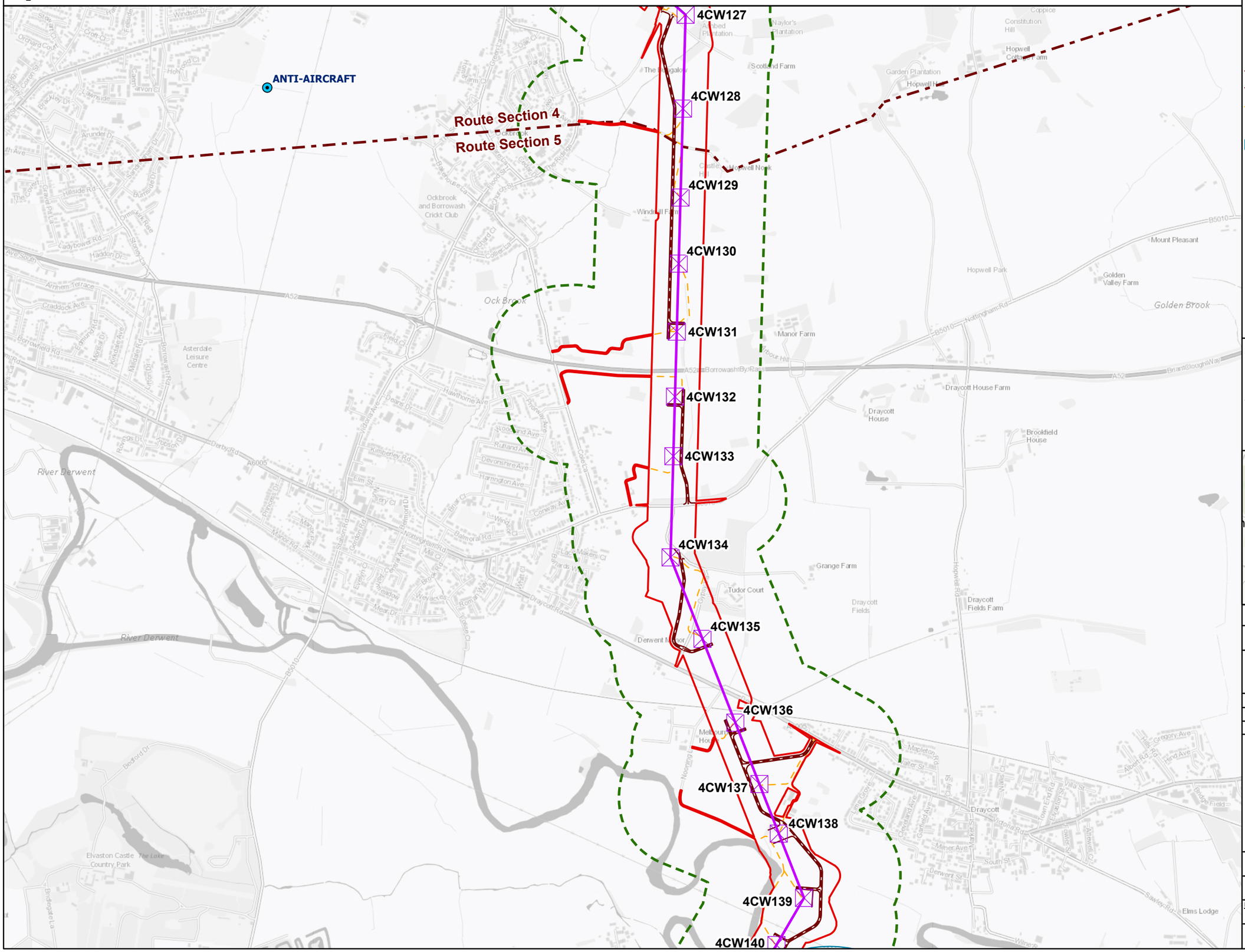
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Constraints Polygons

Notes

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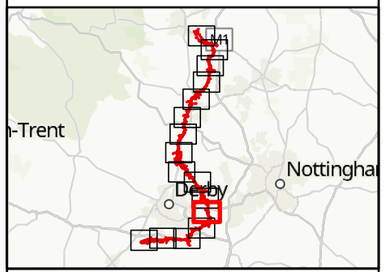

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

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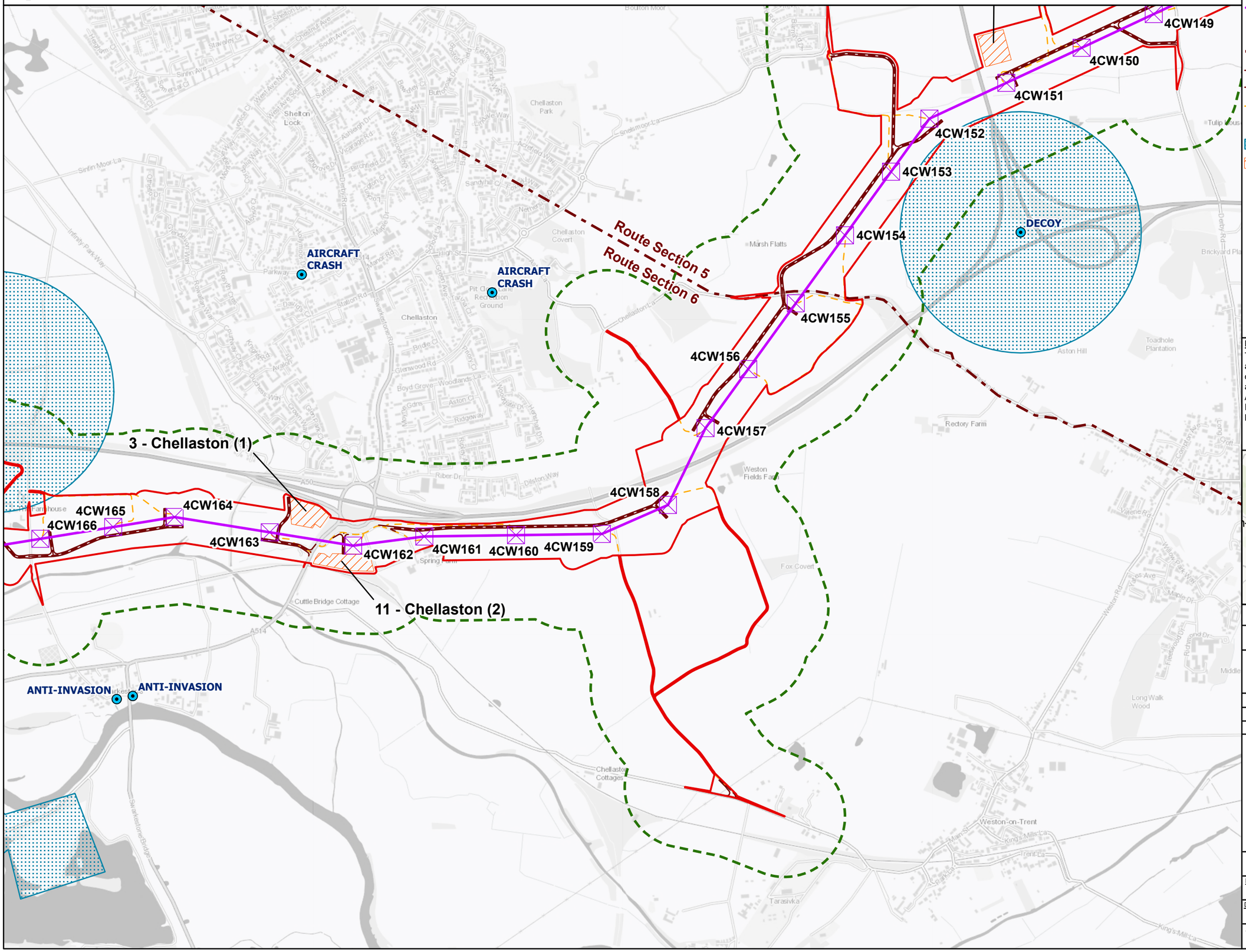
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)

4CW137
4CW138
4CW139
4CW140
4CW141
4CW142
4CW143
4CW144
4CW145
4CW146
4CW147
4CW148
4CW149
4CW150
4CW151
4CW152
4CW153
4CW154
4CW155
4CW156
4CW157
ANTI-AIRCRAFT
DECOY
DECOY
10 - Thulston

Elvaston Castle Country Park
The Lake
Oak Flat
Coronation Plantation
Keepers Cottage
B5010 Main Rd
Elvaston
Silver La
Ambaston
Ambaston La
Thulston
Oak Rd
Brook Rd
Bellington Wood
Bellington Farm
Tulip House
Shardlow Moor
Glebe Farm
Bottom Wood
Shardlow
Fox Covert Farm
Brickyard Plantation
Aston Moor
Clover Leaf Farm
Far Moorside Cottage
Gangway Cottage
Toadhole Plantation
Aston Hill
Roydon Hall Farm
Moorside House
Rectory Farm
Marsh Flatts
Derby Rd
London Rd
Aston La
Ambaston La
Woodsford Dr
Bowes Rd
Broadway
Elm Way
Meadow Rock
Croft
Mill Hill
Severlands Dr
Mountbatten Way
Bucombe Dr
Cotwell Dr
Shardlow Rd
Shaw Wood Dr
Woodlands Dr
Keldholme La
Nesfield Cl
Carnoustie Cl
Stroke Ave
Elvaston La
Wheatside Cl
Simpson Croft
Meadow Rd
Poolwood Dr
Arnham Way
Bridlington Cl
Bridlington La
Bridgegate La
Silver La
Ball La
Brook Cl
Oak Rd
Oakwell Dr
Bramble Cl
Bramble Dr
Bramble Cres
Bramble Cres

FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Constraints Polygons
- Indicative Construction Compound

Notes

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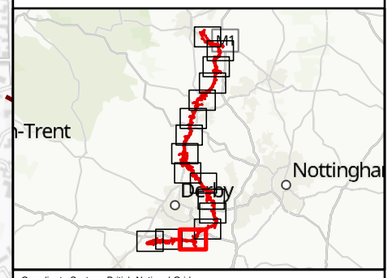

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 600
Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number
Figure 10.6

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
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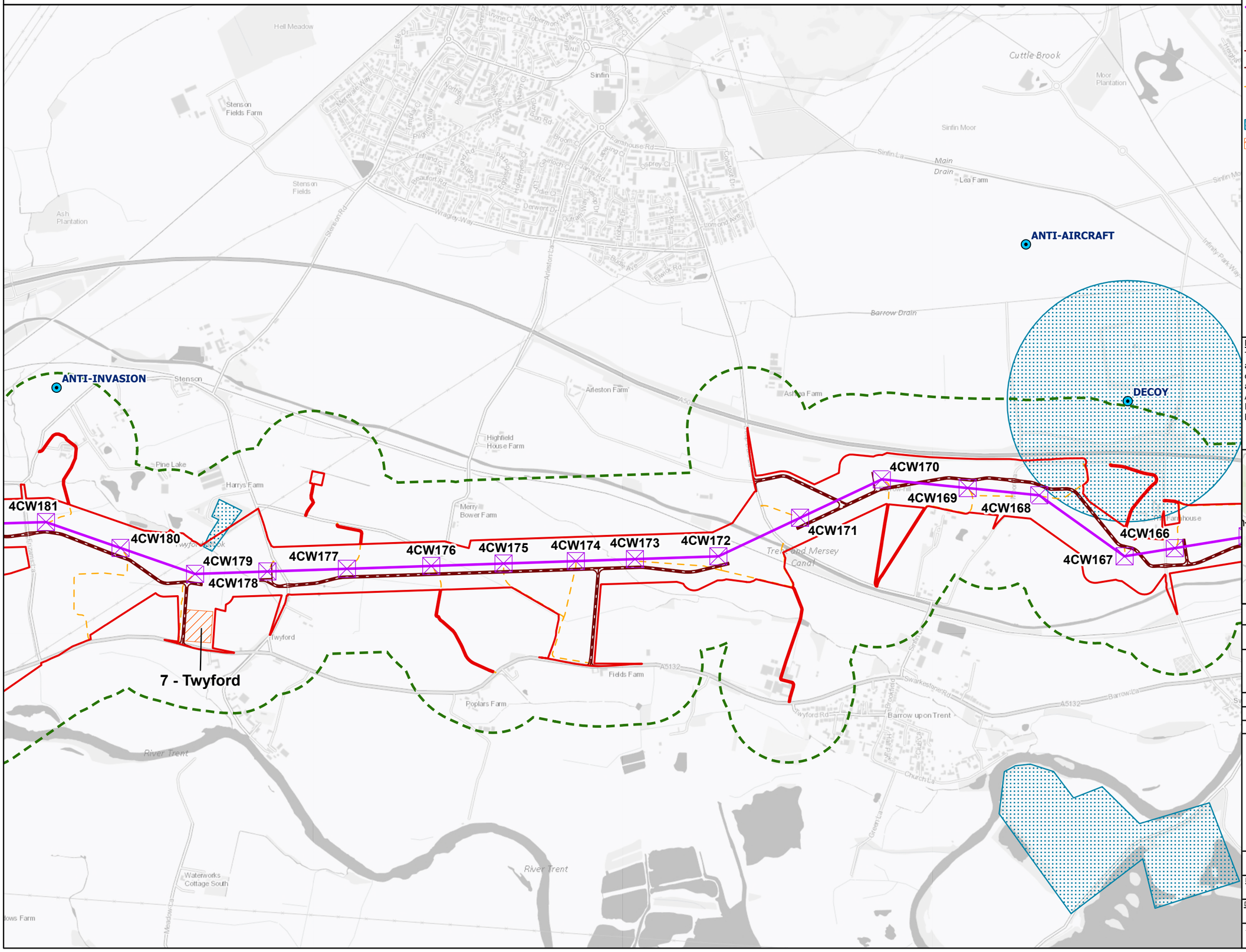
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Constraints Polygons
- Indicative Construction Compound

Notes

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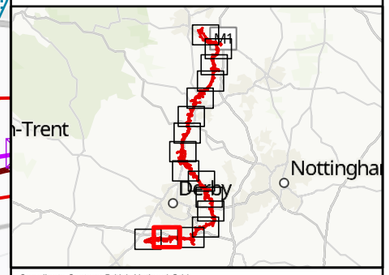

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000021

Scale	Sheet Size	Sheet	Issue
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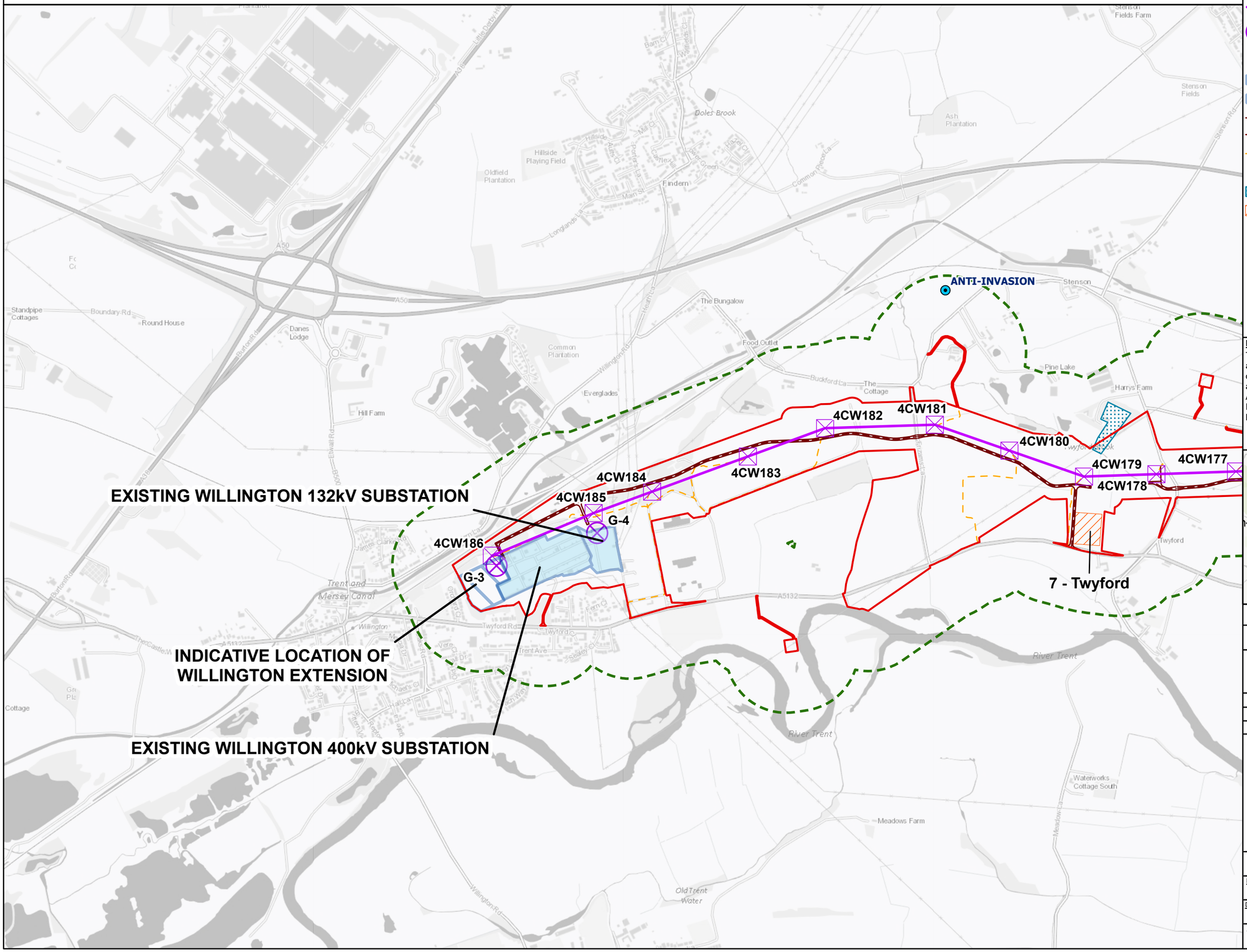
FIGURE 10.6:
UNEXPLODED ORDNANCE (UXO)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Constraints Points
- Constraints Polygons
- Indicative Construction Compound

Notes

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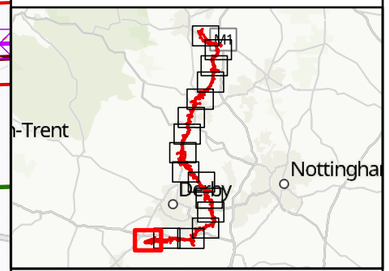

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
Unexploded Ordnance (UXO)

nationalgrid

Figure Number: Figure 10.6

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Scale	Sheet Size	Sheet	Issue
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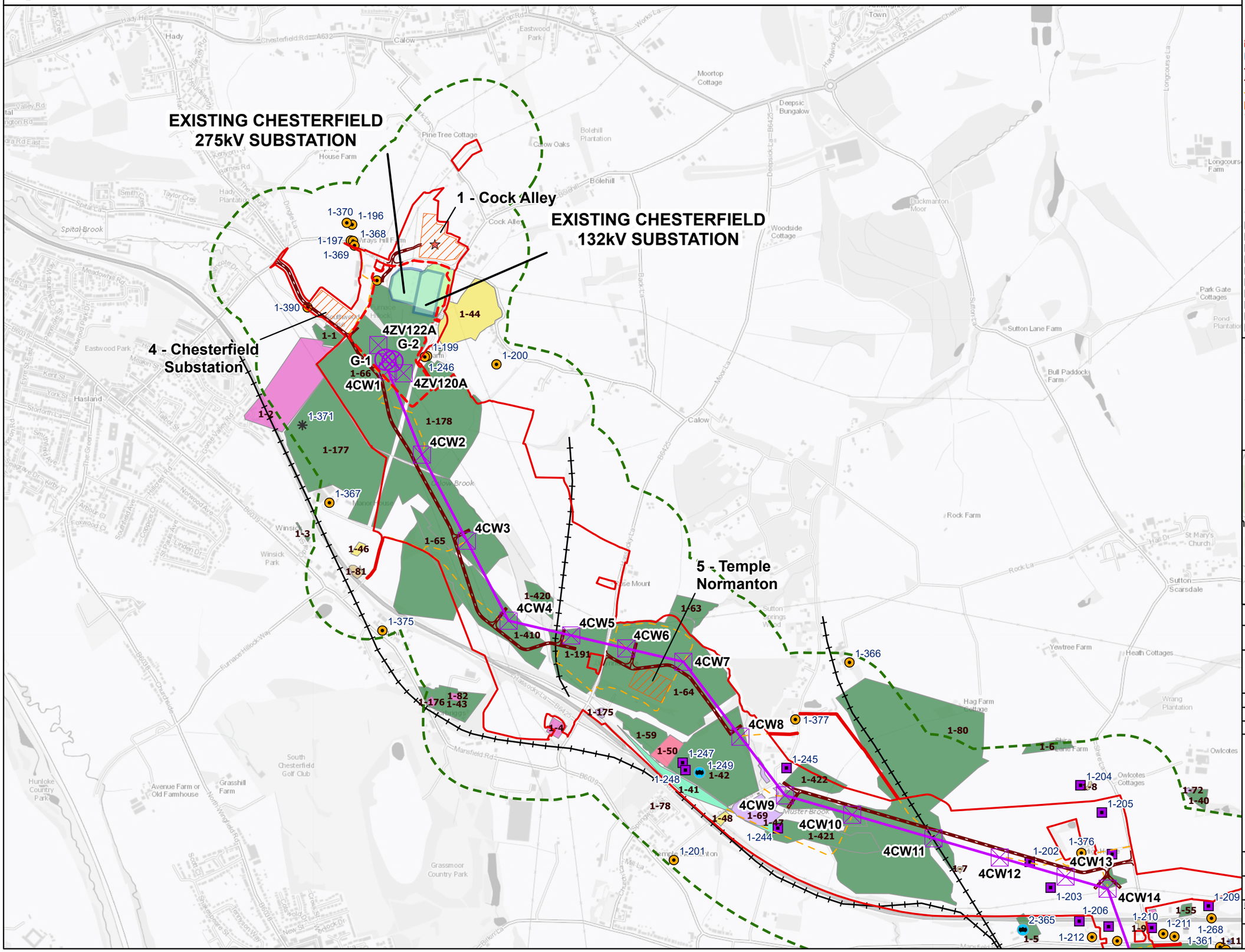
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Mineral Extraction
- Other
- Tanks
- Waste Activity

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Garages (inc filling stations)
- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Other
- Railway Land
- Sewage Works
- Waste Activity
- Works (general)

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 600 Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 1 OF 16	1

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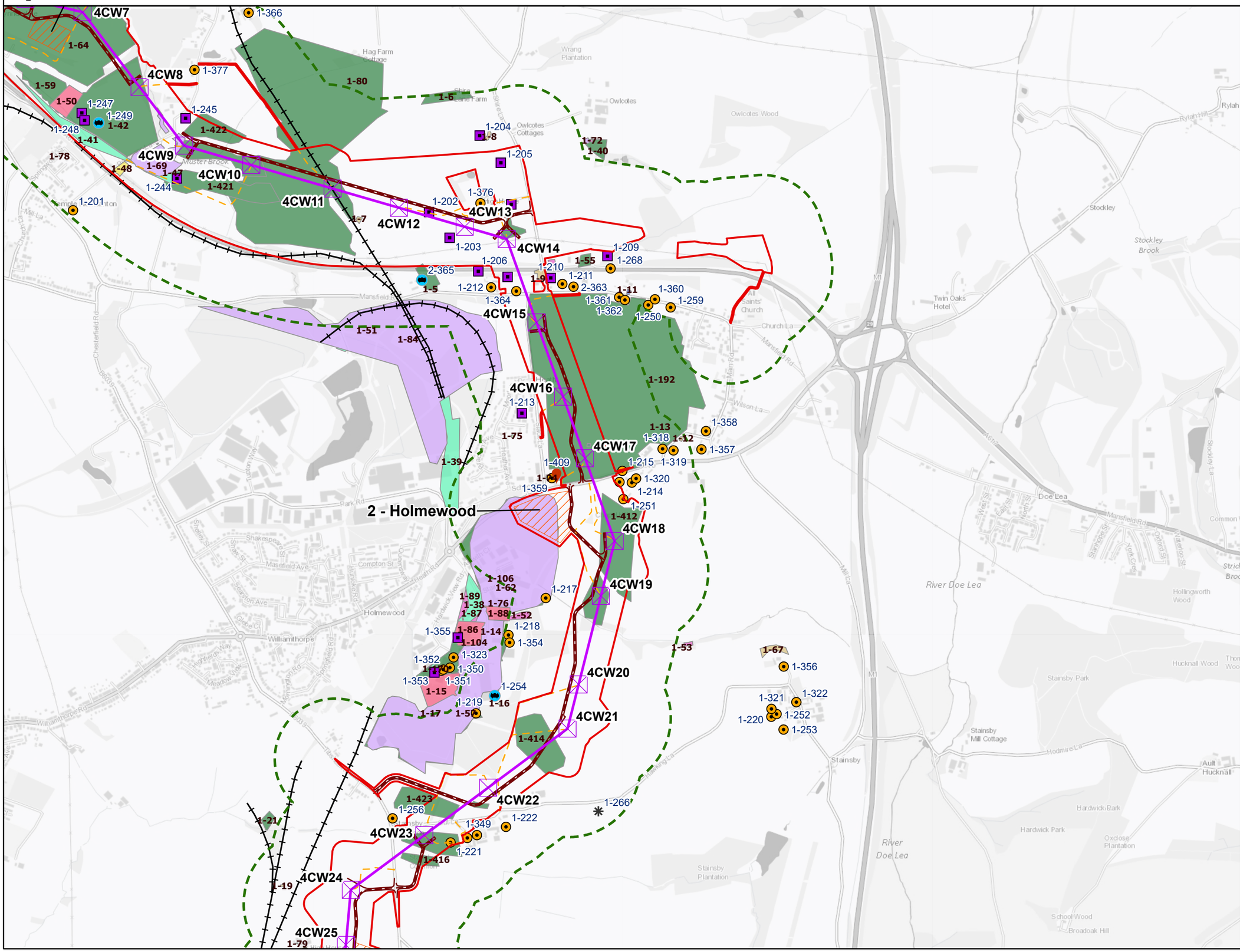
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Licensed Pollutant Release
- Mineral Extraction
- Other
- Tanks

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Garages (inc filling stations)
- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Other
- Railway Land
- Sewage Works
- Tanks
- Waste Activity
- Works (general)

Notes

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Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

Scale	Sheet Size	Sheet	Issue
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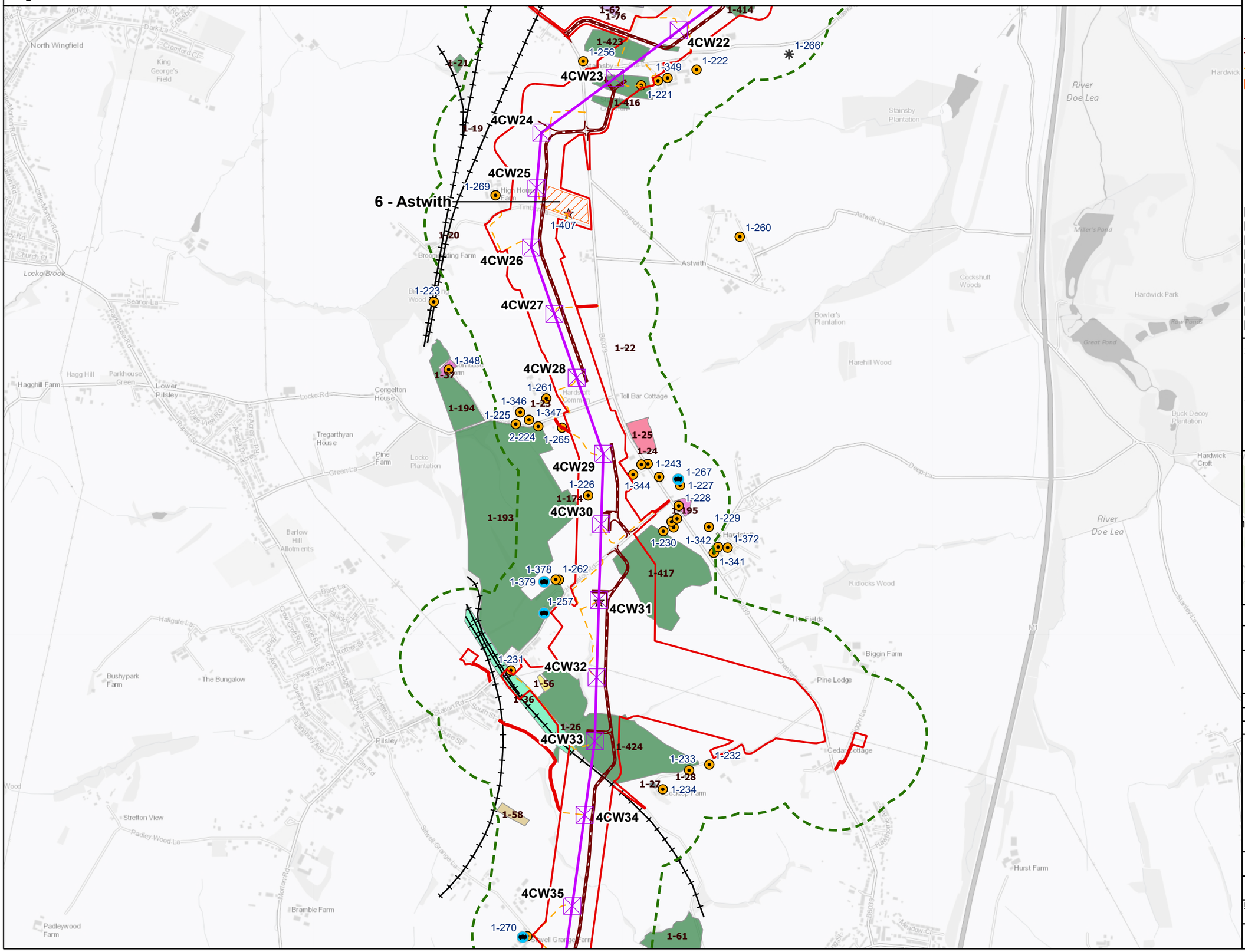
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Other
- Tanks
- Waste Activity

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Infilled Land
- Mineral Extraction
- Other
- Railway Land
- Sewage Works
- Tanks
- Waste Activity
- Works (general)

Notes

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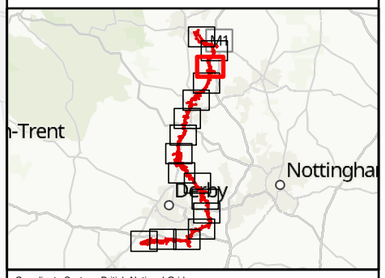

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

Scale	Sheet Size	Sheet	Issue
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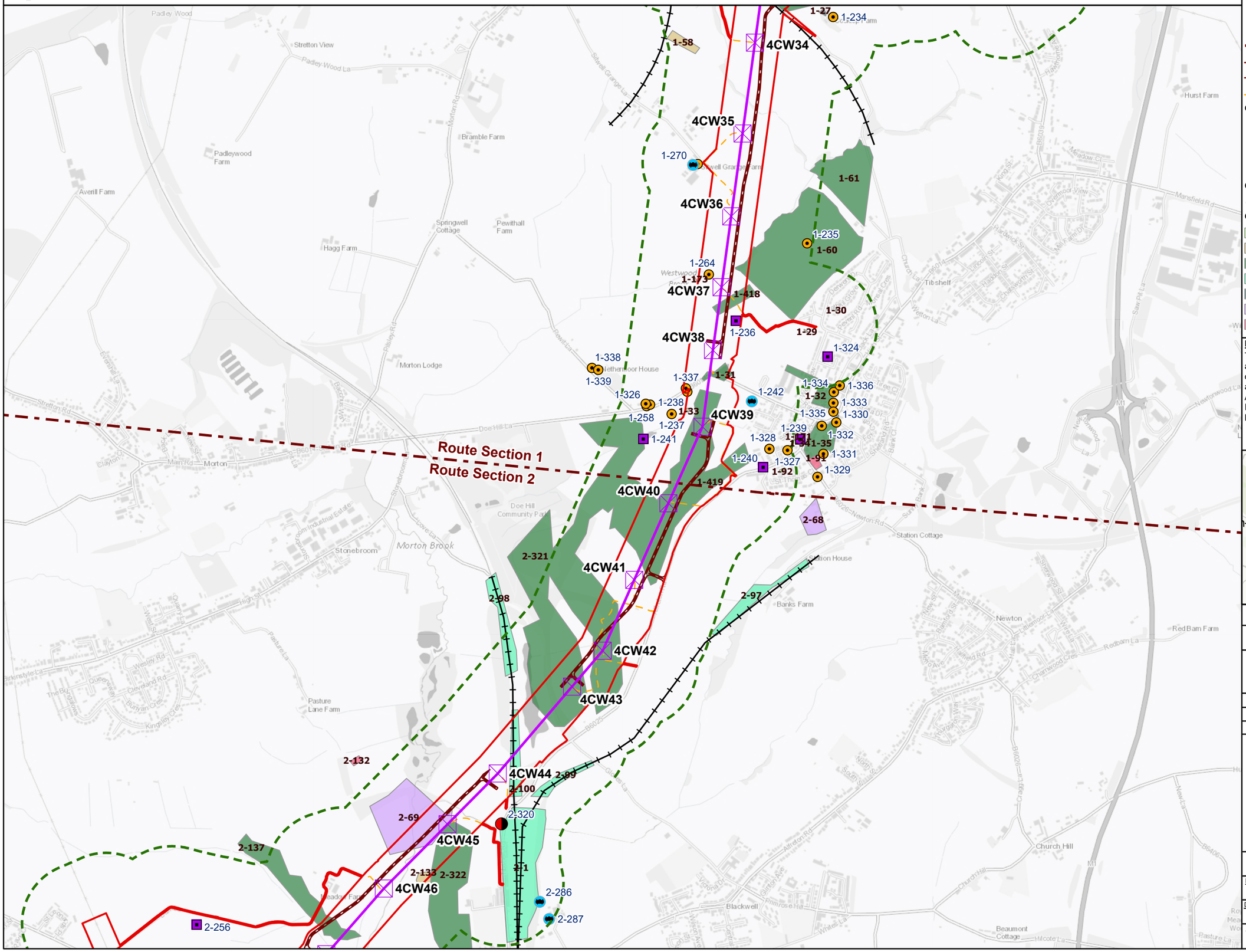
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

CL Source Register Point

- Abstraction Points
- Licensed Discharge
- Mineral Extraction
- Tanks

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Infilled Land
- Mineral Extraction
- Railway Land
- Tanks
- Waste Activity
- Works (general)

Notes

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

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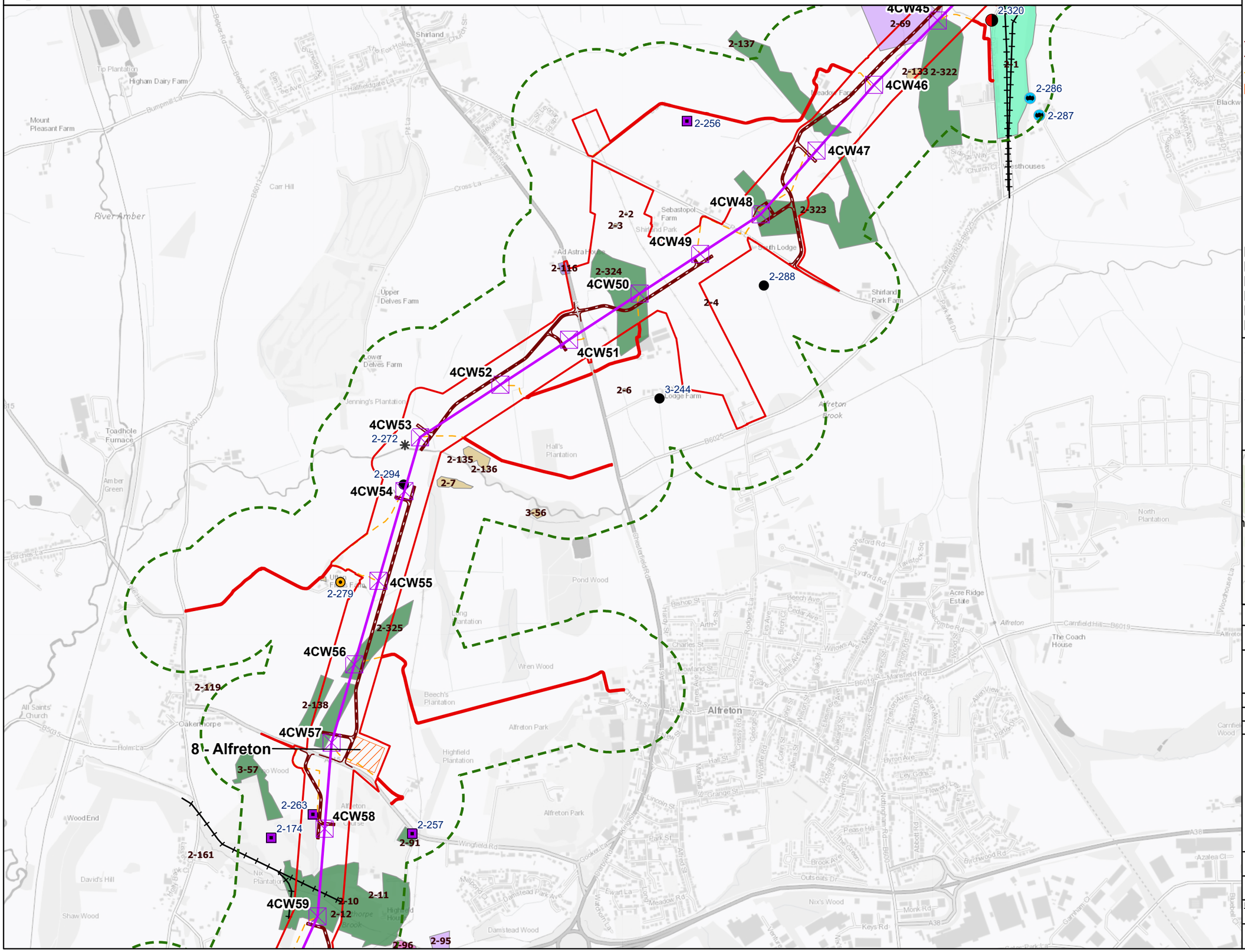
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Licensed Discharge
- Mineral Extraction
- Other
- Tanks

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Garages (inc filling stations)
- Infilled Land
- Mineral Extraction
- Other
- Railway Land
- Waste Activity

Notes

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Title

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POTENTIAL CONTAMINATIVE LAND USES

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Figure Number: Figure 10.7

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Scale	Sheet Size	Sheet	Issue
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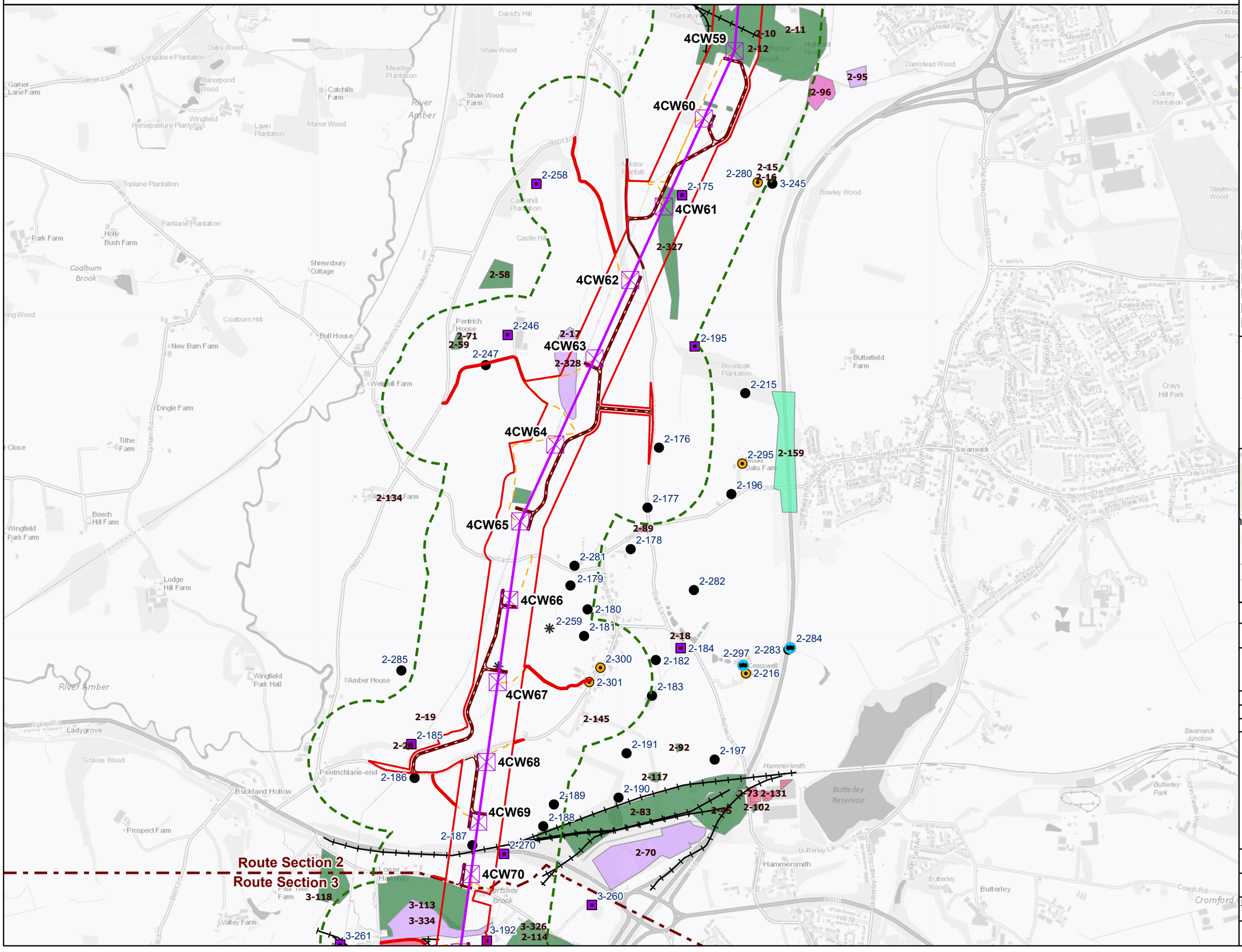
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

CL Source Register Point

- Abstraction Points
- Infilled Land
- Mineral Extraction
- Other
- Tanks

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Infilled Land
- Mineral Extraction
- Other
- Railway Land
- Tanks
- Waste Activity
- Works (general)

Notes

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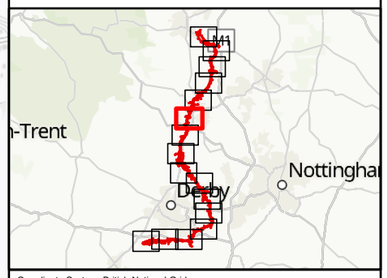

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Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

0 200 400 600 Metres

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Title

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POTENTIAL CONTAMINATIVE LAND USES

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Figure Number: Figure 10.7

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FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES

Route Section 2
Route Section 3

13.- Upper Hartshay

4CW69 4CW70 4CW71 4CW72 4CW73 4CW74 4CW75 4CW76 4CW77 4CW78 4CW79 4CW80 4CW81

2-187 2-188 2-189 2-190 2-270 2-273 2-70 2-73 2-83 2-95 2-114 2-131

3-21 3-23 3-24 3-25 3-26 3-27 3-28 3-29 3-31 3-32 3-33 3-34 3-35 3-36 3-37 3-38 3-46 3-47 3-48 3-49 3-50 3-74 3-93 3-101 3-110 3-111 3-112 3-113 3-118 3-121 3-137 3-141 3-142 3-143 3-144 3-147 3-149 3-151 3-162 3-166 3-170 3-171 3-192 3-193 3-194 3-198 3-199 3-200 3-201 3-203 3-204 3-217 3-218 3-219 3-220 3-221 3-222 3-223 3-225 3-226 3-227 3-228 3-229 3-230 3-232 3-248 3-260 3-261 3-262 3-267 3-326 3-327 3-328 3-329 3-330 3-331 3-334

Buckland Hollow, Prospect Farm, Ridgeway, Lower Hartshay, Hartshay Brook, Valley Farm, Butterley Reservoir, Hammersmith, Butterley, Butterley Wood, Carr Wood, Nether Heage, Downmeadow Brook, Heage, Ripley, Nuttalls Park, Greenhillocks, The Elms, Strelley Court Farm, Morleypark Farm, Bessalone Farm, Foredose Farm, Boothgate, Lodge Farm, Norman Court Farm, Marehay, Far Laund, Street Lane, Upper Marehay Rd, Primrose Farm

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Mineral Extraction
- Tanks

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Infilled Land
- Mineral Extraction
- Other
- Railway Land
- Tanks
- Timber Treatment
- Waste Activity
- Works (general)

Notes

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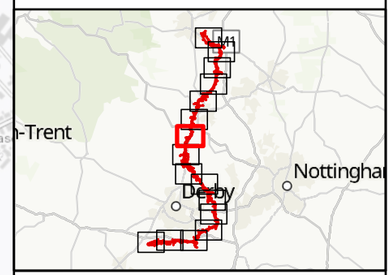

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 200 400 600 Metres

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CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

Scale	Sheet Size	Sheet	Issue
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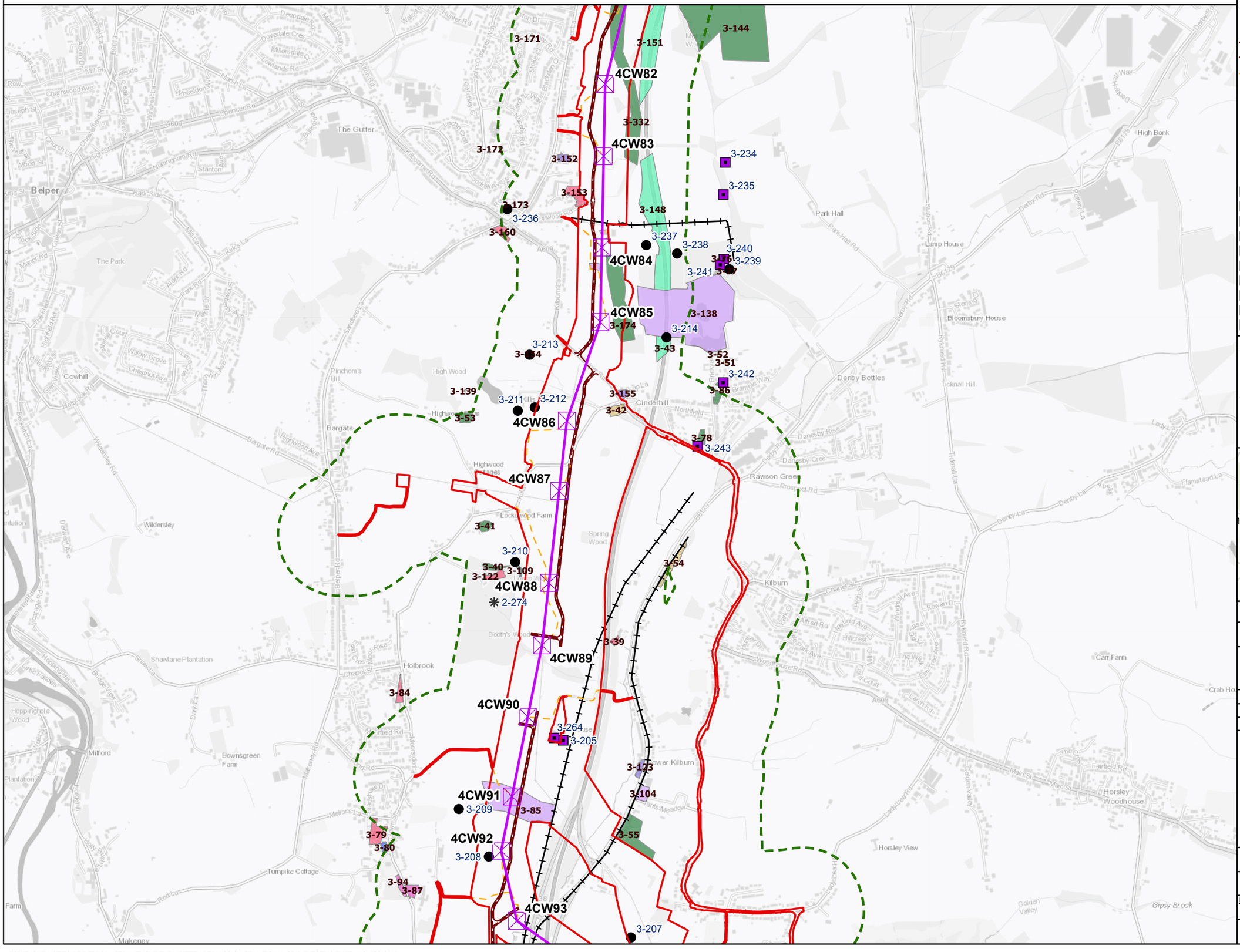
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

CL Source Register Point

- Infilled Land
- Mineral Extraction
- Other

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Garages (inc filling stations)
- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Other
- Railway Land
- Tanks
- Waste Activity
- Works (general)

Notes

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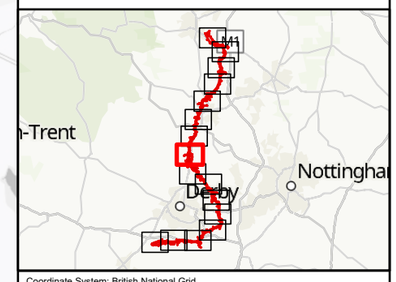

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 437351.51E Sheet Y Centroid Coordinate: 346275.88N

0 200 400 600 Metres

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POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

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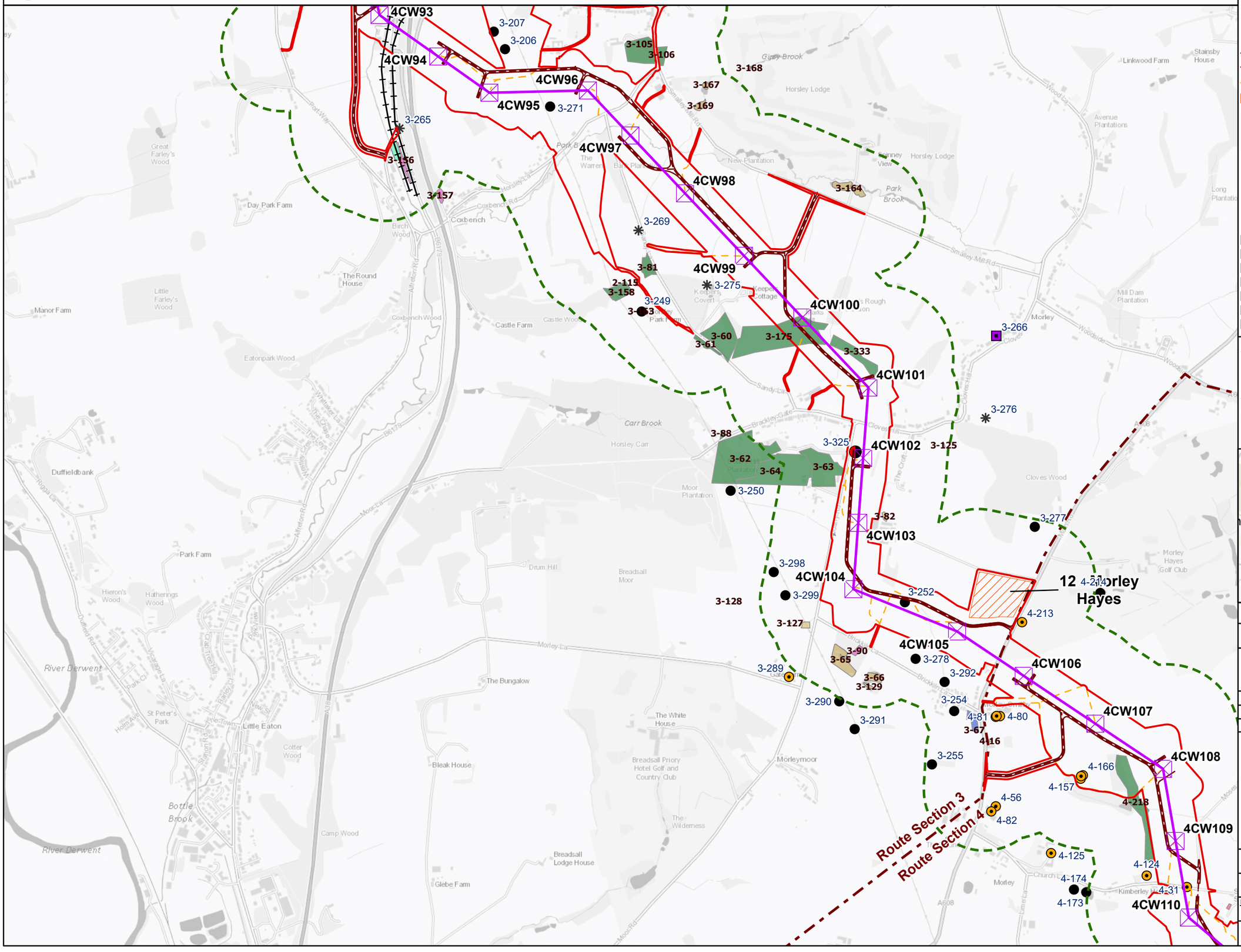
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Licensed Discharge
- Mineral Extraction
- Other

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Other
- Railway Land
- Works (general)

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POTENTIAL CONTAMINATIVE LAND USES

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Figure Number	Drawing Reference		
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Scale	Sheet Size	Sheet	Issue
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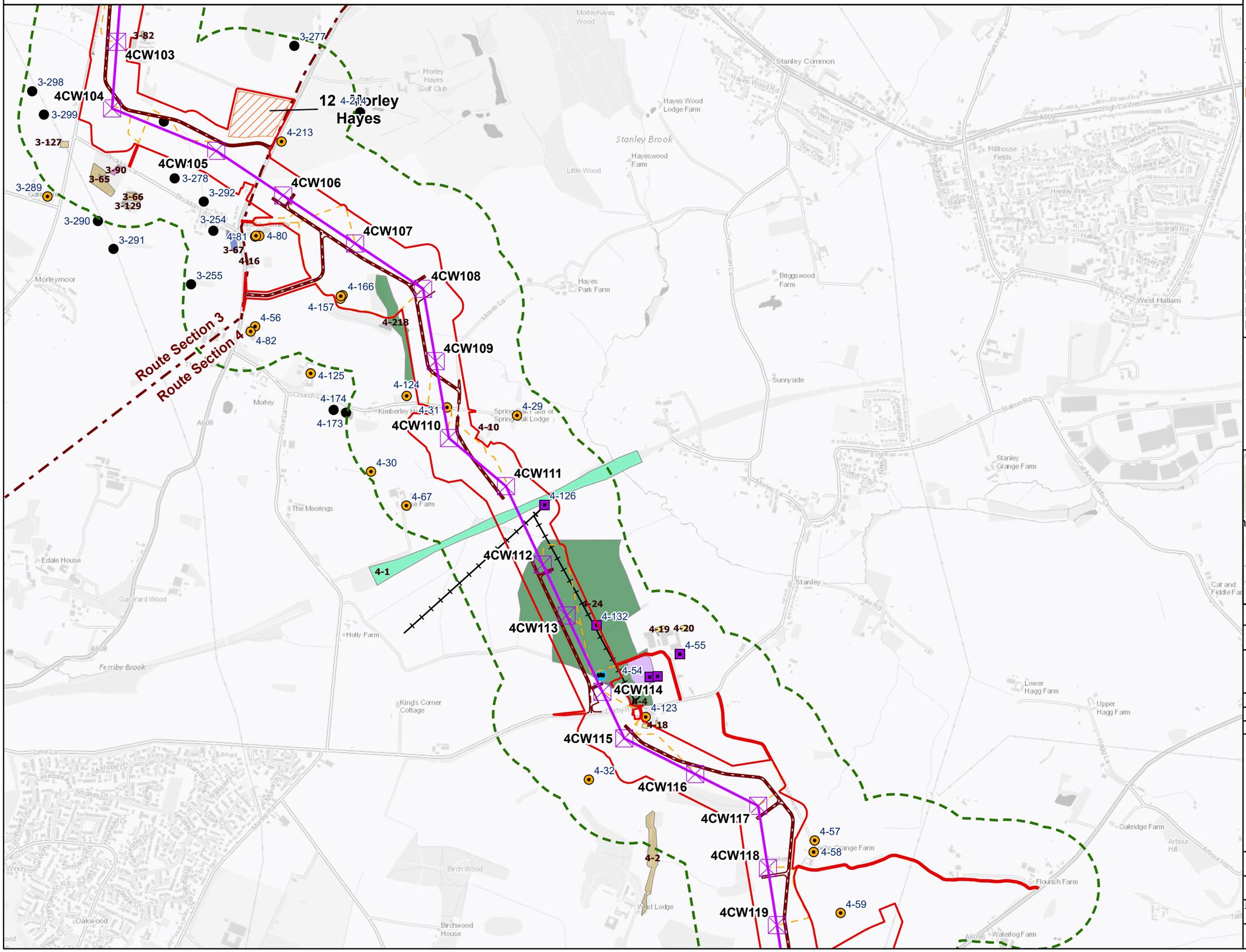
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Mineral Extraction
- Tanks

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Other
- Railway Land
- Sewage Works
- Waste Activity
- Works (general)

Notes

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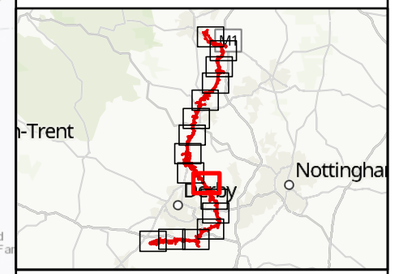

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Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 200 400 600 Metres

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POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

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Scale	Sheet Size	Sheet	Issue
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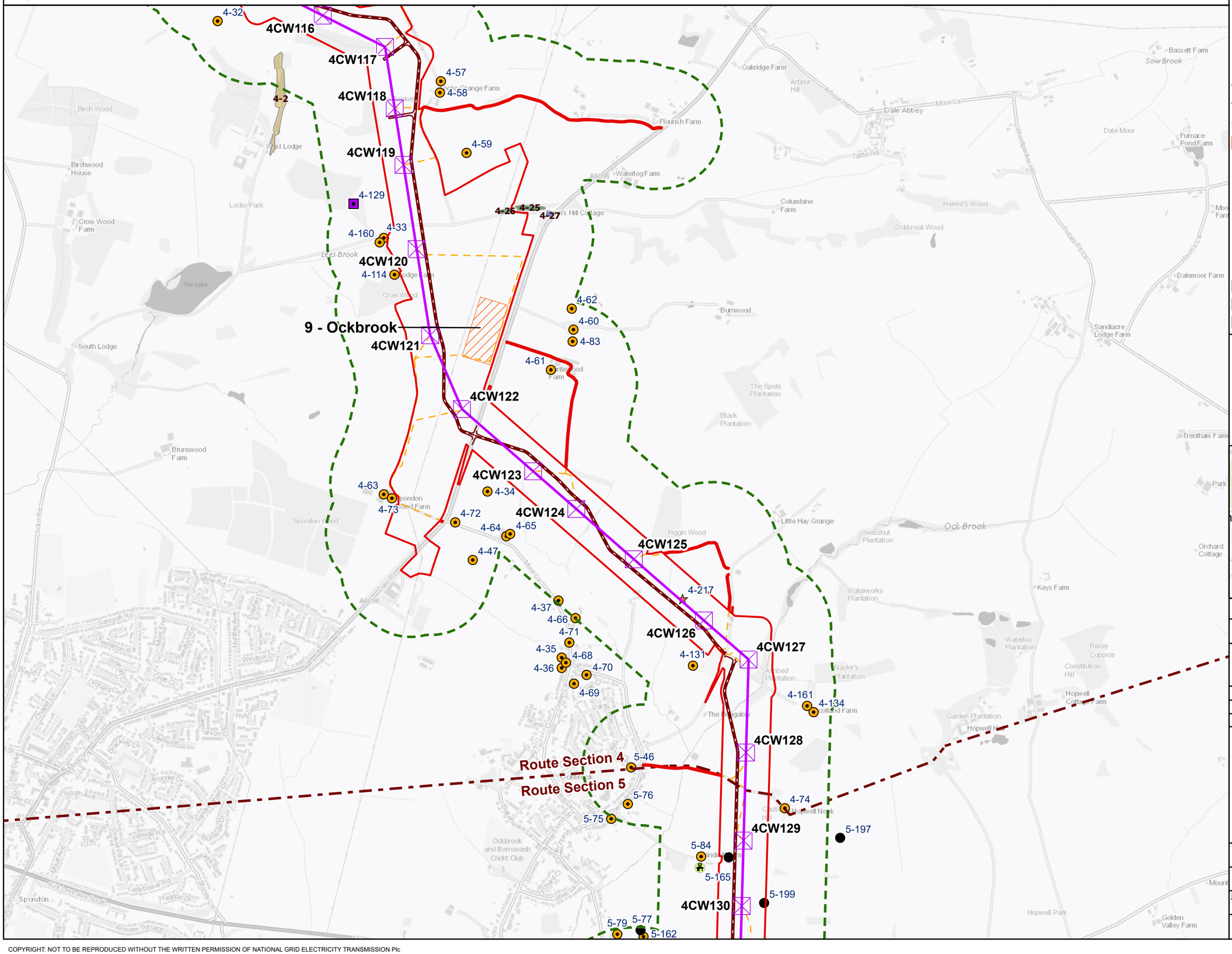
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
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- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Mineral Extraction
- Waste Activity
- Works (general)

CL Source Register Polygon

- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction

Notes

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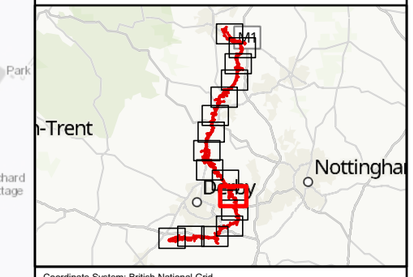

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442538E Sheet Y Centroid Coordinate: 337359.31N

0 200 400 600 Metres

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Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 11 OF 16	1

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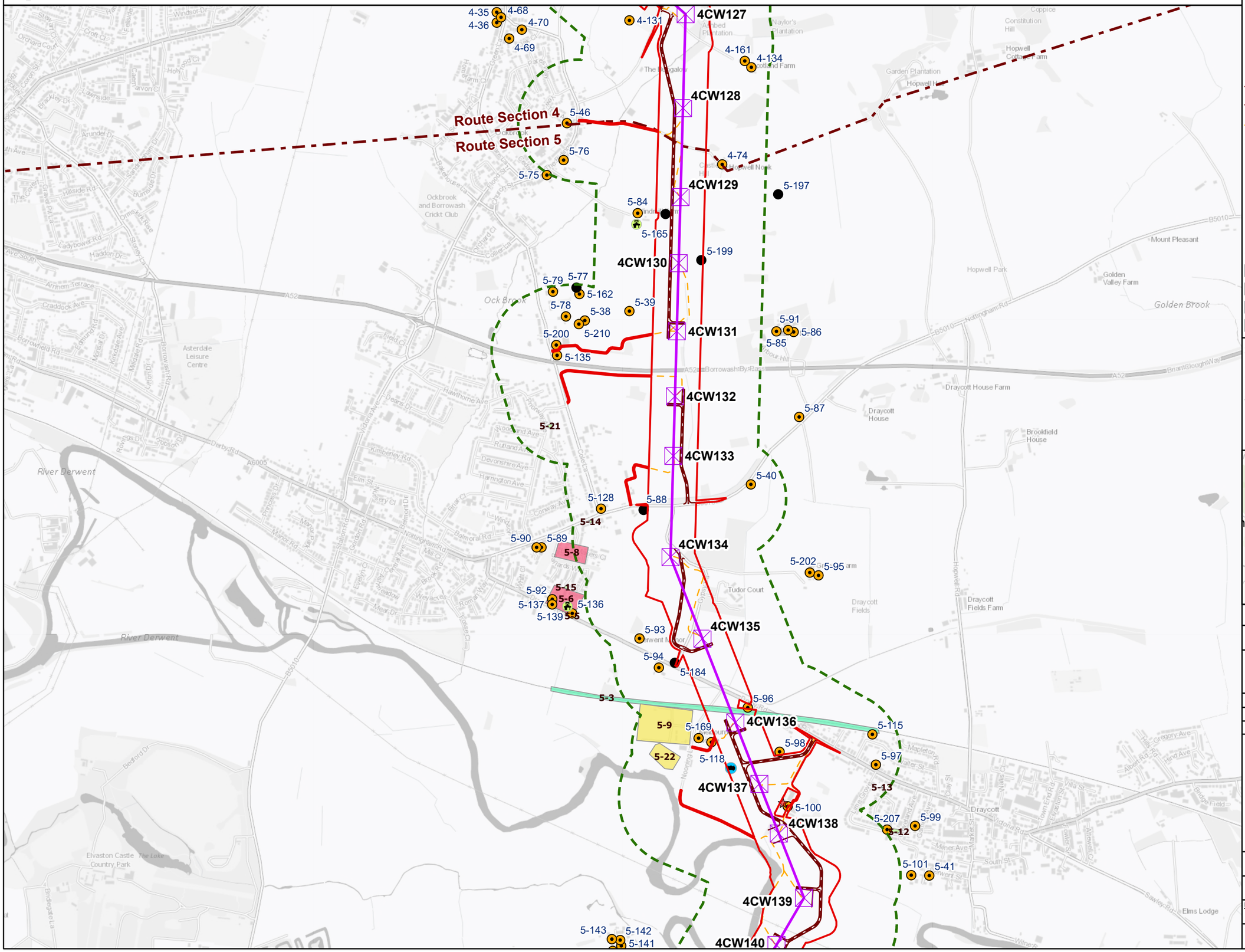
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

CL Source Register Point

- Abstraction Points
- Infilled Land
- Tanks
- Waste Activity
- Works (general)

CL Source Register Polygon

- Energy
- Railway Land
- Sewage Works
- Works (general)

Notes

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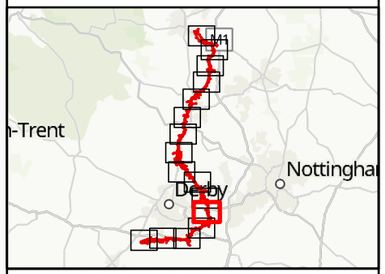

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

Scale	Sheet Size	Sheet	Issue
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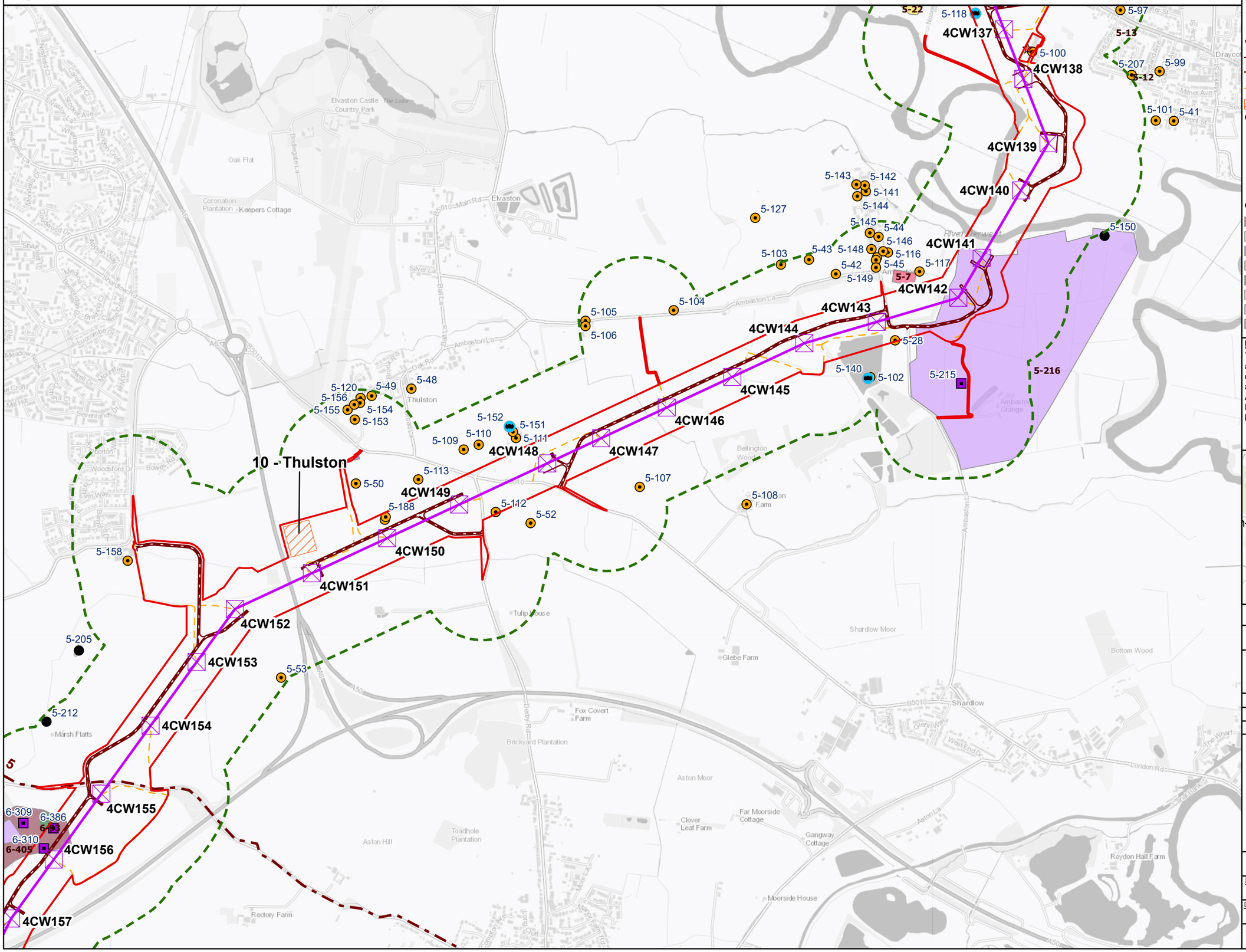
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Mineral Extraction
- Tanks
- Waste Activity

CL Source Register Polygon

- Artificial and Made Ground
- Energy
- Garages (inc filling stations)
- Infilled Land
- Mineral Extraction
- Sewage Works
- Waste Activity
- Works (general)

Notes

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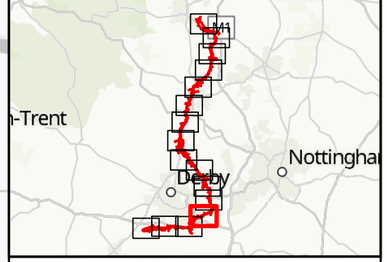

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

nationalgrid

Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

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FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES

Route Section 5
Route Section 6

3 - Chellaston (1)
11 - Chellaston (2)

4CW149
4CW150
4CW151
4CW152
4CW153
4CW154
4CW155
4CW156
4CW157
4CW158
4CW159
4CW160
4CW161
4CW162
4CW163
4CW164
4CW165
4CW166

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Infilled Land
- Mineral Extraction

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Artificial and Made Ground
- Energy
- Garages (inc filling stations)
- Infilled Land
- Mineral Extraction
- Sewage Works
- Waste Activity
- Works (general)

Notes

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

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Figure Number: Figure 10.7

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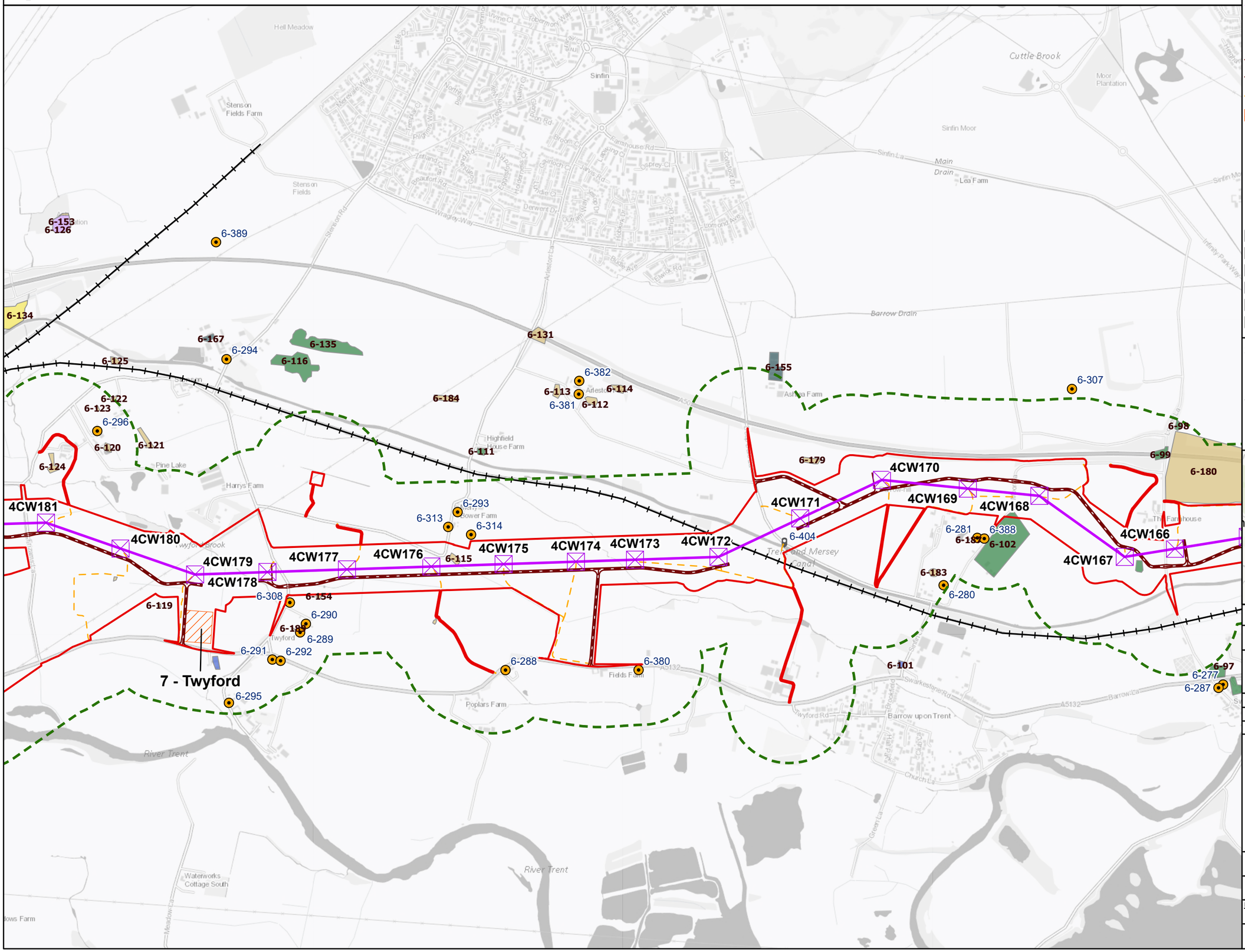
FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points
- Pollution Incident

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Sewage Works
- Tanks
- Waste Activity

Notes

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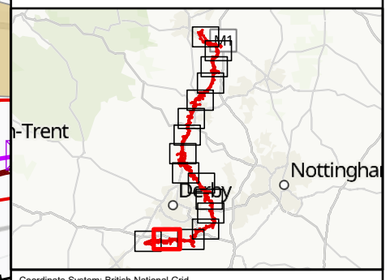

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Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

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CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

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Figure Number: Figure 10.7

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FIGURE 10.7:
POTENTIAL CONTAMINATIVE LAND USES

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

CL Source Register Point

- Abstraction Points

CL Source Register Linear

- Railway Land

CL Source Register Polygon

- Energy
- Garages (inc filling stations)
- Infilled Land
- Metal Manufacture / Refining
- Mineral Extraction
- Other
- Railway Land
- Sewage Works
- Tanks
- Waste Activity

Notes

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Title

CHESTERFIELD TO WILLINGTON
POTENTIAL CONTAMINATIVE LAND USES

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Figure Number: Figure 10.7

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000020

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FIGURE 10.8:
LANDFILL SITES

EXISTING CHESTERFIELD 275kV SUBSTATION

1 - Cock Alley

EXISTING CHESTERFIELD 132kV SUBSTATION

4 - Chesterfield Substation

4ZV122A

G-2

G-1

4ZV120A

4CW1

4CW2

4CW3

5 - Temple Normanton

4CW4

4CW5

4CW6

4CW7

4CW8

4CW9

4CW10

4CW11

4CW12

4CW13

4CW14

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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Title

CHESTERFIELD TO WILLINGTON LANDFILL SITES

nationalgrid

Figure Number: Figure 10.8

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000032

Scale	Sheet Size	Sheet	Issue
1:15,000	A3	SHEET 1 OF 16	1

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FIGURE 10.8:
LANDFILL SITES

4CW7
4CW8
4CW9
4CW10
4CW11
4CW12
4CW13
4CW14
4CW15
4CW16
4CW17
4CW18
4CW19
4CW20
4CW21
4CW22
4CW23
4CW24
4CW25
2 - Holmewood

Hag Farm Cottage
Wrang Plantation
Shire Lane Farm
Owlcotes
Owlcotes Cottages
Owlcotes Wood
Rylah
Rylah Hill
Muster Brook
Potmans La
Swinehood St
Mill La
Church La
Ample Normanton
High House Farm
Mansfield Rd
Chesterfield Rd
B6039
All Saints' Church
Church La
Twin Oaks Hotel
M1
Stockley
Stockley Brook
Main Rd
Wilson La
Heath Rd
Heathfield Ave
School Cl
A6175
Chapel Hill
Park Rd
Shakespeare St
Shirley St
Masefield Ave
Compton St
Dunelm Rd
Hardwick View Rd
Stainsby Cl
Holmewood
Grebe Cl
Williamthorpe
Williamthorpe Rd
Hunters Way
Meadow View
Springfield Rd
Mansfield Rd
Doe Lea
Mansfield Rd
Oxford St
Waterloo St
Stanhope St
York Cres
Common
River Doe Lea
Hollingworth Wood
Hucknall Wood
Stainsby Park
Stainsby
Stainsby Mill Cottage
Hodmire La
Ault Hucknall
Hardwick Park
Oxclose Plantation
Stainsby Plantation
School Wood
Broadoak Hill
Stockley La
Mill La

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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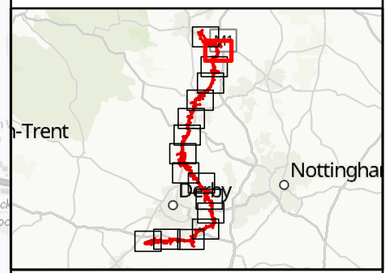

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

nationalgrid

Figure Number
Figure 10.8

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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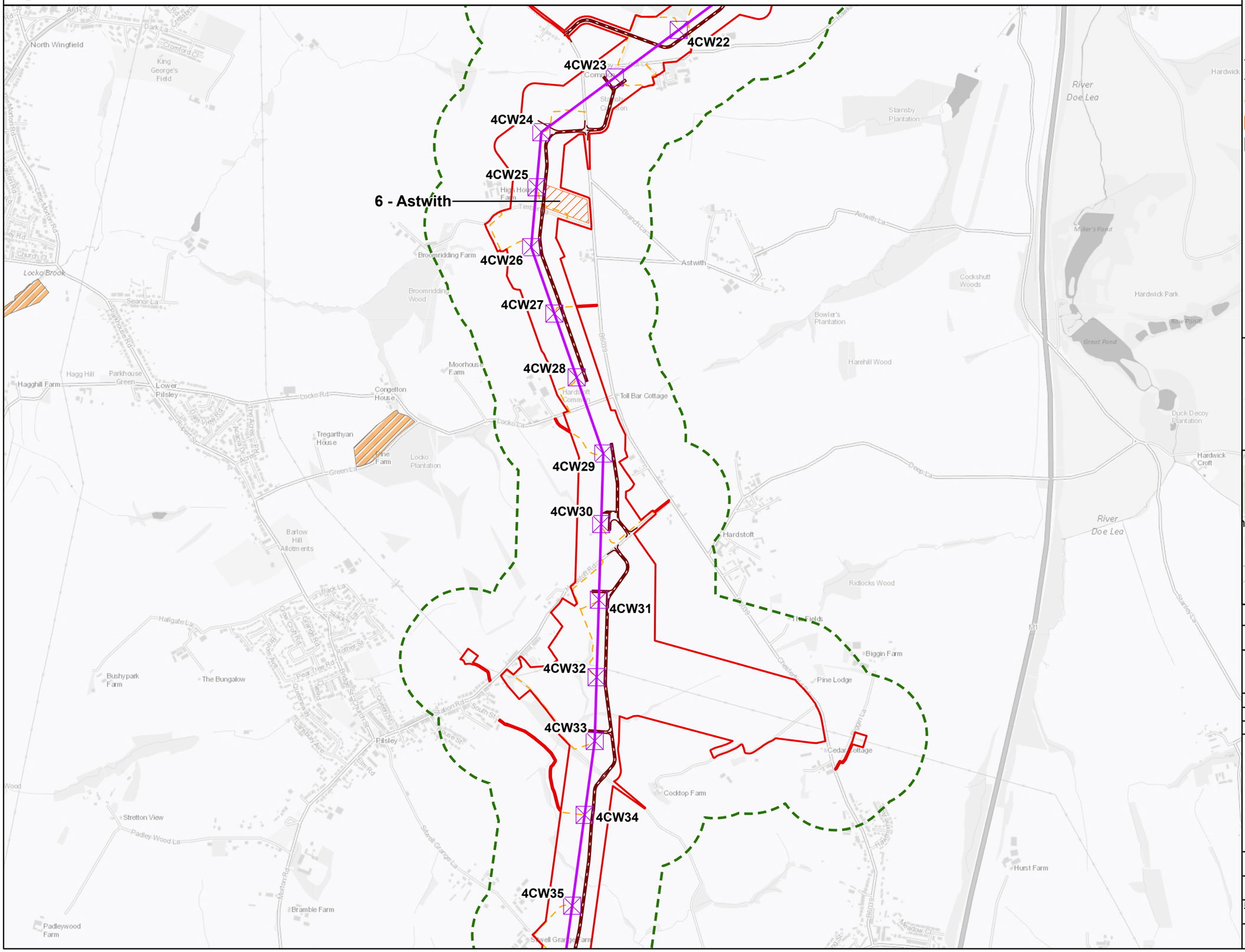
FIGURE 10.8:
LANDFILL SITES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites

Notes

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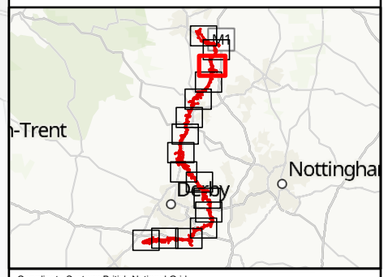

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 443499.91E Sheet Y Centroid Coordinate: 363269.28N

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CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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Scale	Sheet Size	Sheet	Issue
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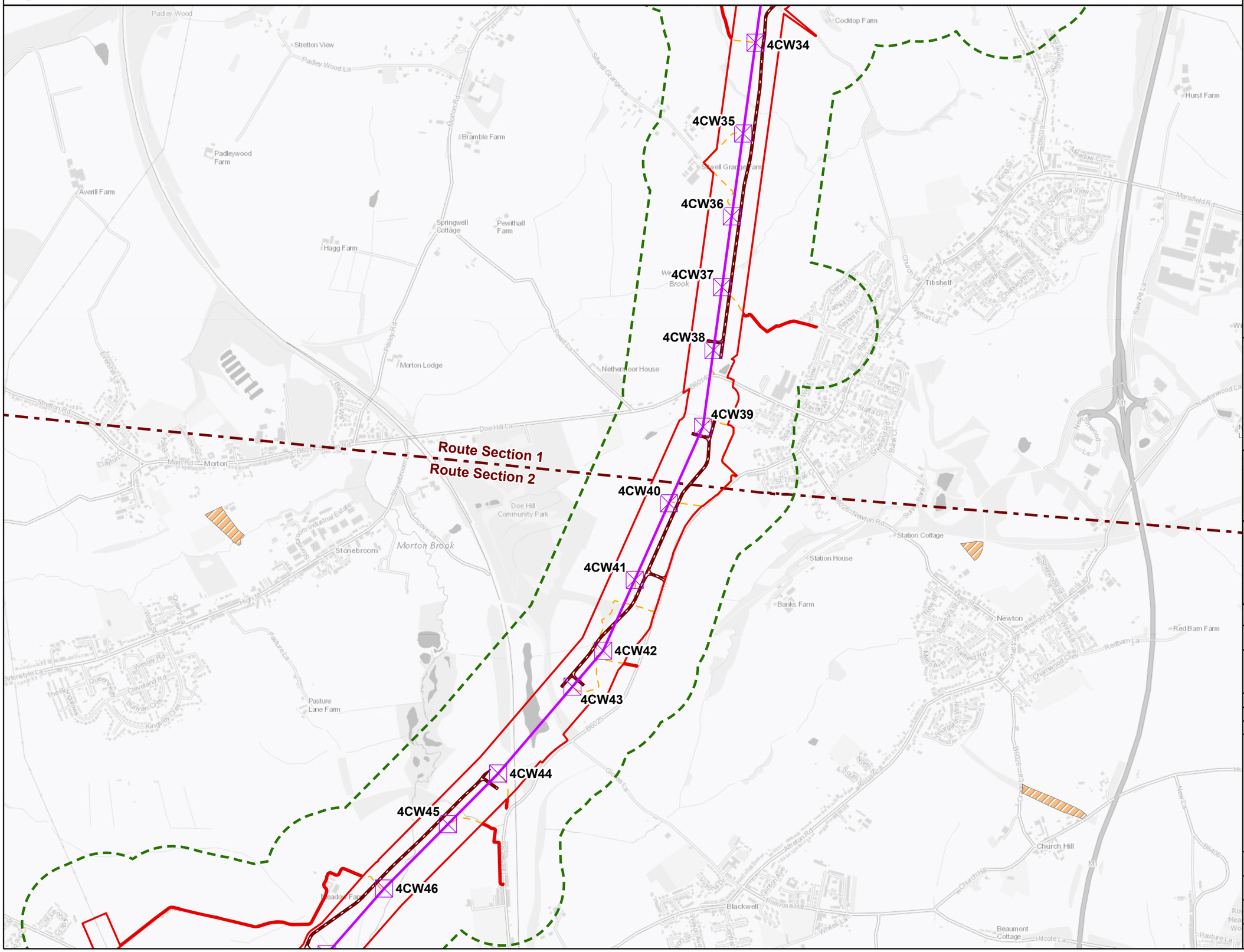
FIGURE 10.8:
LANDFILL SITES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Historic Landfill Sites

Notes

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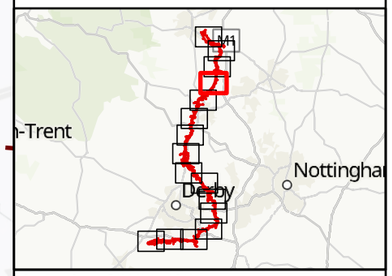

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number
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Drawing Reference
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FIGURE 10.8:
LANDFILL SITES

4CW45
4CW46
4CW47
4CW48
4CW49
4CW50
4CW51
4CW52
4CW53
4CW54
4CW55
4CW56
4CW57
4CW58
4CW59
8 - Alfreton

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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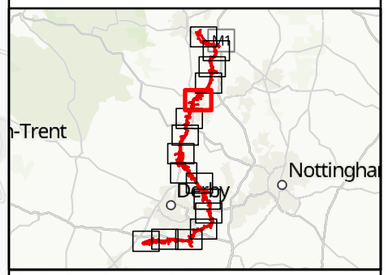

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

0 200 400 600 Metres

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LANDFILL SITES

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Figure Number: Figure 10.8

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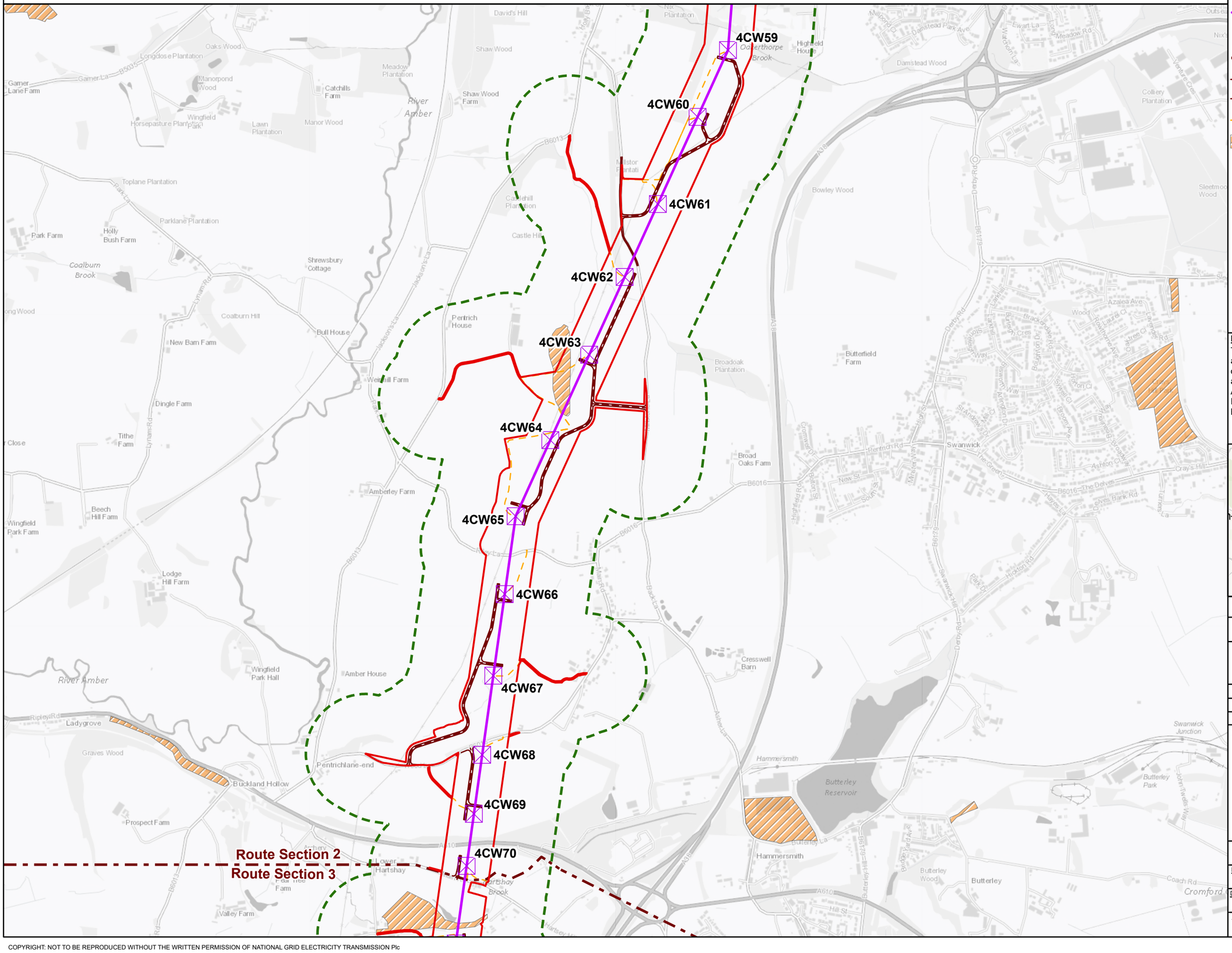
FIGURE 10.8:
LANDFILL SITES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Historic Landfill Sites

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 439023.47E Sheet Y Centroid Coordinate: 353152.6N

0 200 400 600 Metres

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LANDFILL SITES

nationalgrid

Figure Number: Figure 10.8

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000032

Scale	Sheet Size	Sheet	Issue
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FIGURE 10.8:
LANDFILL SITES

Route Section 2
Route Section 3

4CW69
4CW70
4CW71
4CW72
4CW73
4CW74
4CW75
4CW76
4CW77
4CW78
4CW79
4CW80
4CW81

13.- Upper Hartshay

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

nationalgrid

Figure Number: Figure 10.8

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000032

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FIGURE 10.8:
LANDFILL SITES

4CW82
4CW83
4CW84
4CW85
4CW86
4CW87
4CW88
4CW89
4CW90
4CW91
4CW92
4CW93

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Historic Landfill Sites

Notes

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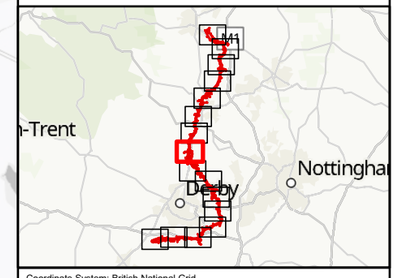

Coordinate System: British National Grid
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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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FIGURE 10.8:
LANDFILL SITES

4CW93
4CW94
4CW95
4CW96
4CW97
4CW98
4CW99
4CW100
4CW101
4CW102
4CW103
4CW104
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
12 - Morley Hayes
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites

Notes

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CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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FIGURE 10.8:
LANDFILL SITES

4CW103
4CW104
12 - Morley Hayes
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
4CW111
4CW112
4CW113
4CW114
4CW115
4CW116
4CW117
4CW118
4CW119
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites

Notes

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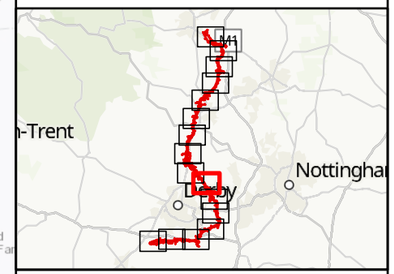

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441009.95E Sheet Y Centroid Coordinate: 340503.55N

0 200 400 600 Metres

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CHESTERFIELD TO WILLINGTON
LANDFILL SITES

nationalgrid

Figure Number	Drawing Reference		
Figure 10.8	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000032		
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FIGURE 10.8:
LANDFILL SITES

4CW116
4CW117
4CW118
4CW119
4CW120
9 - Ockbrook
4CW121
4CW122
4CW123
4CW124
4CW125
4CW126
4CW127
4CW128
4CW129
4CW130
Route Section 4
Route Section 5

Birch Wood
Locko Grange Farm
Flourish Farm
West Lodge
Birchwood House
Locko Park
Crow Wood Farm
Lees Brook
The Lake
South Lodge
Oakridge Farm
Arbour Hill
Dale Abbey
Moor La
Bassett Farm
Sow Brook
Dale Moor
Furnace Pond Farm
Waterlog Farm
A6096
Dunn's Hill Cottage
Columbine Farm
Hermit's Wood
Ockbrook Wood
Dalemoor Farm
Burnwood
Sandiacre Lodge Farm
Bartlewood Farm
The Spots Plantation
Black Plantation
Trentham Farm
Brunswood Farm
Spondon Wood Farm
Spondon Wood
Piggin Wood
Little Hay Grange
Swisshut Plantation
Ock Brook
Orchard Cottage
Keys Farm
Waterworks Plantation
Waterloo Plantation
Risley Coppice
Constitution Hill
Hopwell Cottage Farm
Scotland Farm
Garden Plantation
Hopwell Hall
Castle Hill
Hopwell Nook
Windmill Farm
Ockbrook and Borrowash Cricket Club
Hopwell Park
Golden Valley Farm
Spondon

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites

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CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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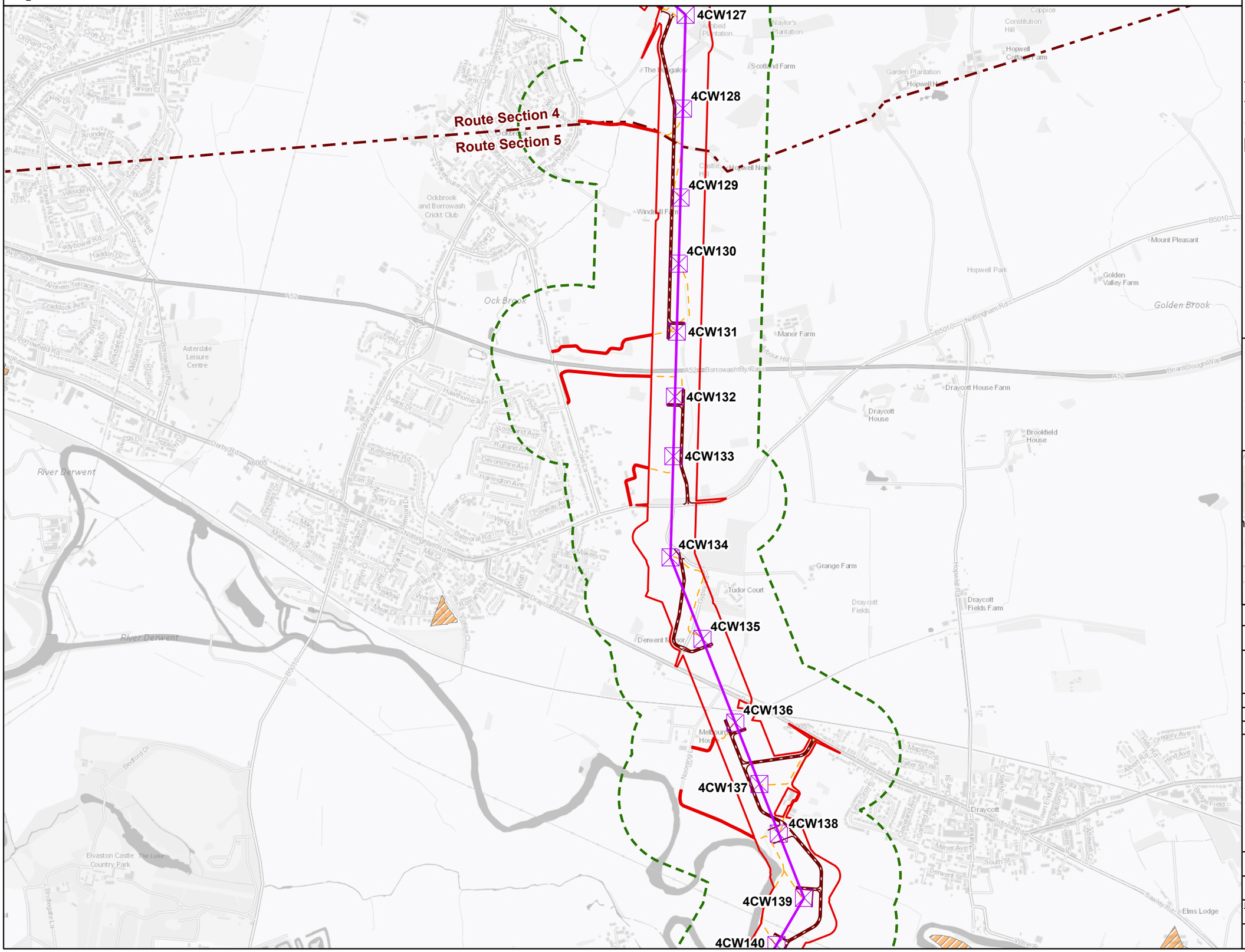
FIGURE 10.8:
LANDFILL SITES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Historic Landfill Sites

Notes

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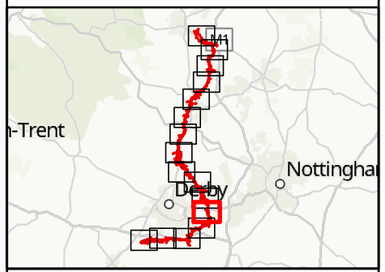

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 600 Metres

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CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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FIGURE 10.8:
LANDFILL SITES

4CW137
4CW138
4CW139
4CW140
4CW141
4CW142
4CW143
4CW144
4CW145
4CW146
4CW147
4CW148
4CW149
4CW150
4CW151
4CW152
4CW153
4CW154
4CW155
4CW156
4CW157

10 - Thulston

Elvaston Castle Country Park
The Lake
Oak Flat
Coronation Plantation
Keepers Cottage
B5010 - Main Rd
Elvaston
Silver La
Ambaston
Ambaston La
River Derwent
Main St
Thulston
Oak Rd
Brook Rd
Bellington Wood
Bellington Farm
Tulip House
Glebe Farm
Fox Covert Farm
Kingboard Plantation
Marsh Flatts
Aston Moor
Aston Hill
Clover Leaf Farm
Far Moorside Cottage
Gangway Cottage
Moorside House
Rectory Farm
Roydon Hall Farm
Bottom Wood
Shardlow
London Rd
Derby Rd
A50
B5010

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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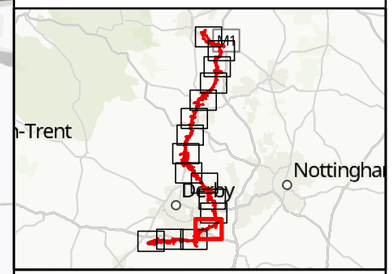

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 600
Metres

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CHESTERFIELD TO WILLINGTON
LANDFILL SITES

nationalgrid

Figure Number
Figure 10.8

Drawing Reference
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FIGURE 10.8:
LANDFILL SITES

4CW149
4CW150
4CW151
4CW152
4CW153
4CW154
4CW155
4CW156
4CW157
4CW158
4CW159
4CW160
4CW161
4CW162
4CW163
4CW164
4CW165
4CW166
Route Section 5
Route Section 6
3 - Chellaston (1)
11 - Chellaston (2)

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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0 200 400 600
Metres

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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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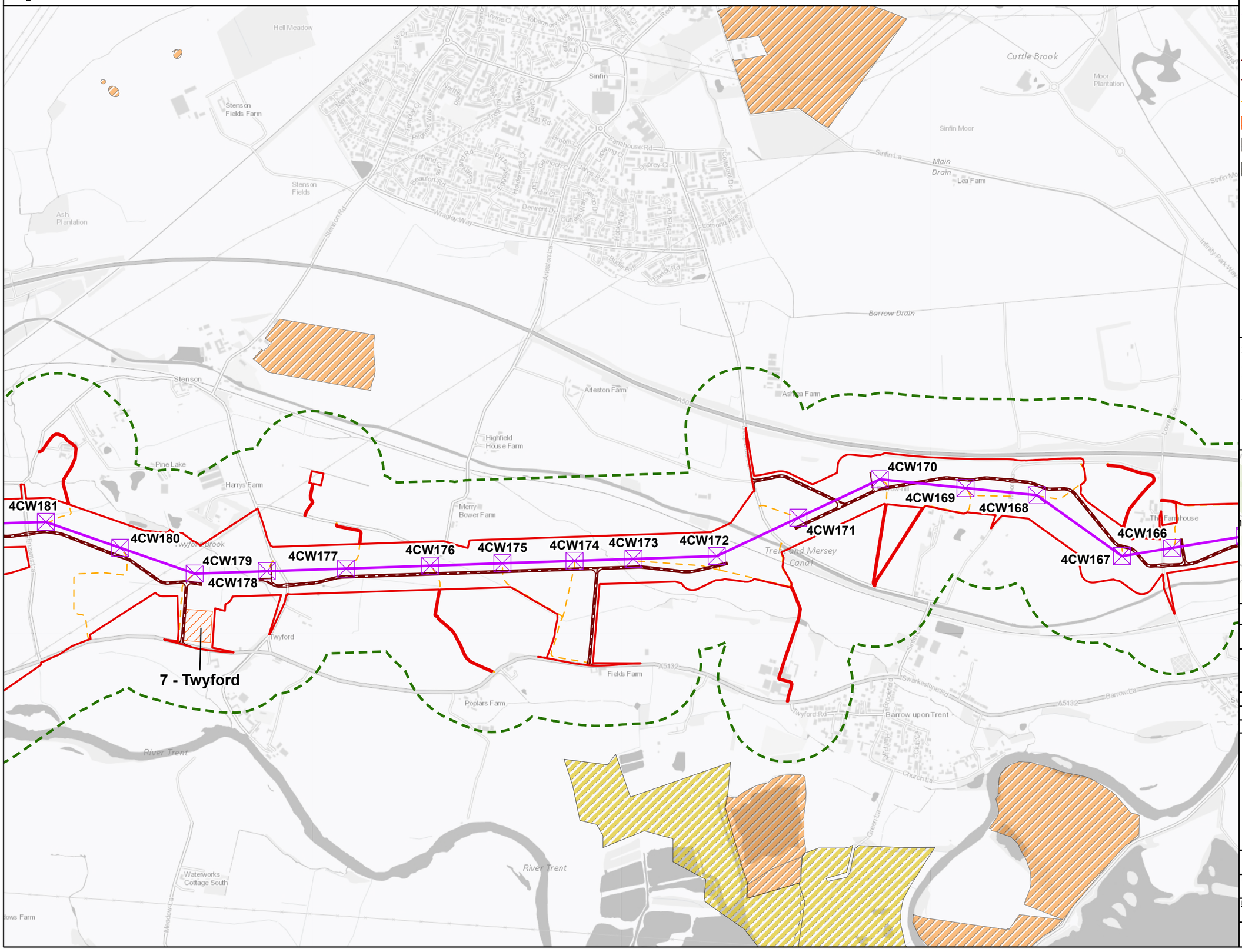
FIGURE 10.8:
LANDFILL SITES



Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites
- Permitted Waste Sites Authorised Landfill Site Boundaries

Notes

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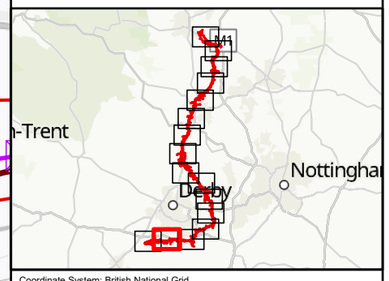

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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FIGURE 10.8:
LANDFILL SITES

EXISTING WILLINGTON 132kV SUBSTATION

INDICATIVE LOCATION OF WILLINGTON EXTENSION

EXISTING WILLINGTON 400kV SUBSTATION

4CW177
4CW178
4CW179
4CW180
4CW181
4CW182
4CW183
4CW184
4CW185
4CW186
G-3
G-4
7 - Twyford

Legend

- Draft Order Limits
- Draft Order Limit Buffer 250m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Historic Landfill Sites

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0 200 400 600 Metres

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Title

CHESTERFIELD TO WILLINGTON
LANDFILL SITES

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Figure Number: Figure 10.8

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FIGURE 10.9:
SOURCE PROTECTION ZONES & GROUNDWATER ABSTRACTION LICENCE POINTS

1 - Cock Alley
2 - Holmewood
4 - Chesterfield Substation
5 - Temple Normanton
6 - Astwith
8 - Alfreton
13 - Upper Hartsway

Route Section 1
Route Section 2
Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5km
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Notes

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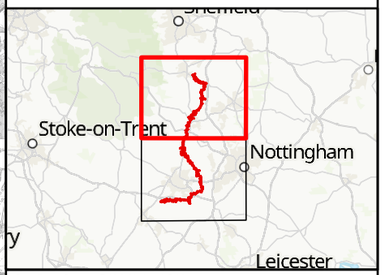

Coordinate System: British National Grid
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0 1,000 2,000 4,000
Metres

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Title

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nationalgrid

Figure Number: Figure 10.9

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000013

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FIGURE 10.9:
SOURCE PROTECTION ZONES & GROUNDWATER ABSTRACTION LICENCE POINTS

13 - Upper Hartsway
12 - Morley Hayes
9 - Ockbrook
10 - Thulston
7 - Twyford
3 - Chellaston (1)
11 - Chellaston (2)
Route Section 3
Route Section 4
Route Section 5
Route Section 6

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5km
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Groundwater Abstraction Licence Points

Notes
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Sheet X Centroid Coordinate: 440716.53E Sheet Y Centroid Coordinate: 336060.5N

0 1,000 2,000 4,000
Metres

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Issue	Date	Remarks	Drawn	Checked	Approved
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Title

CHESTERFIELD TO WILLINGTON
SOURCE PROTECTION ZONES &
GROUNDWATER ABSTRACTION
LICENCE POINTS

nationalgrid

Figure Number			
Figure 10.9			
Drawing Reference			
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000013			
Scale	**Sheet Size**	**Sheet**	**Issue**
1:110,000	A3	SHEET 2 OF 2	1

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FIGURE 10.10:
GROUNDWATER VULNERABILITY

EXISTING CHESTERFIELD 275kV SUBSTATION

EXISTING CHESTERFIELD 132kV SUBSTATION

1 - Cock Alley

4 - Chesterfield Substation

5 - Temple Normanton

4ZV122A
G-1
4ZV120A
G-2
4CW1
4CW2
4CW3
4CW4
4CW5
4CW6
4CW7
4CW8
4CW9
4CW10
4CW11
4CW12
4CW13
4CW14
4CW15

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Medium
- High

Notes

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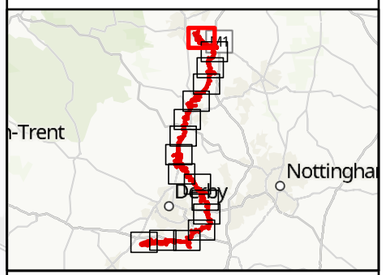

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441798.41E Sheet Y Centroid Coordinate: 369105.44N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
1:17,000	A3	SHEET 1 OF 16	1

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FIGURE 10.10:
GROUNDWATER VULNERABILITY

4CW5
4CW6
4CW7
4CW8
4CW9
4CW10
4CW11
4CW12
4CW13
4CW14
4CW15
4CW16
4CW17
4CW18
4CW19
4CW20
4CW21
4CW22
4CW23
4CW24
4CW25
4CW26
2 - Holmewood
6 - Astwith

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Medium
- High

Notes
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Sheet X Centroid Coordinate: 444289.79E Sheet Y Centroid Coordinate: 366410N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number
Figure 10.10

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
1:17,000	A3	SHEET 2 OF 16	1

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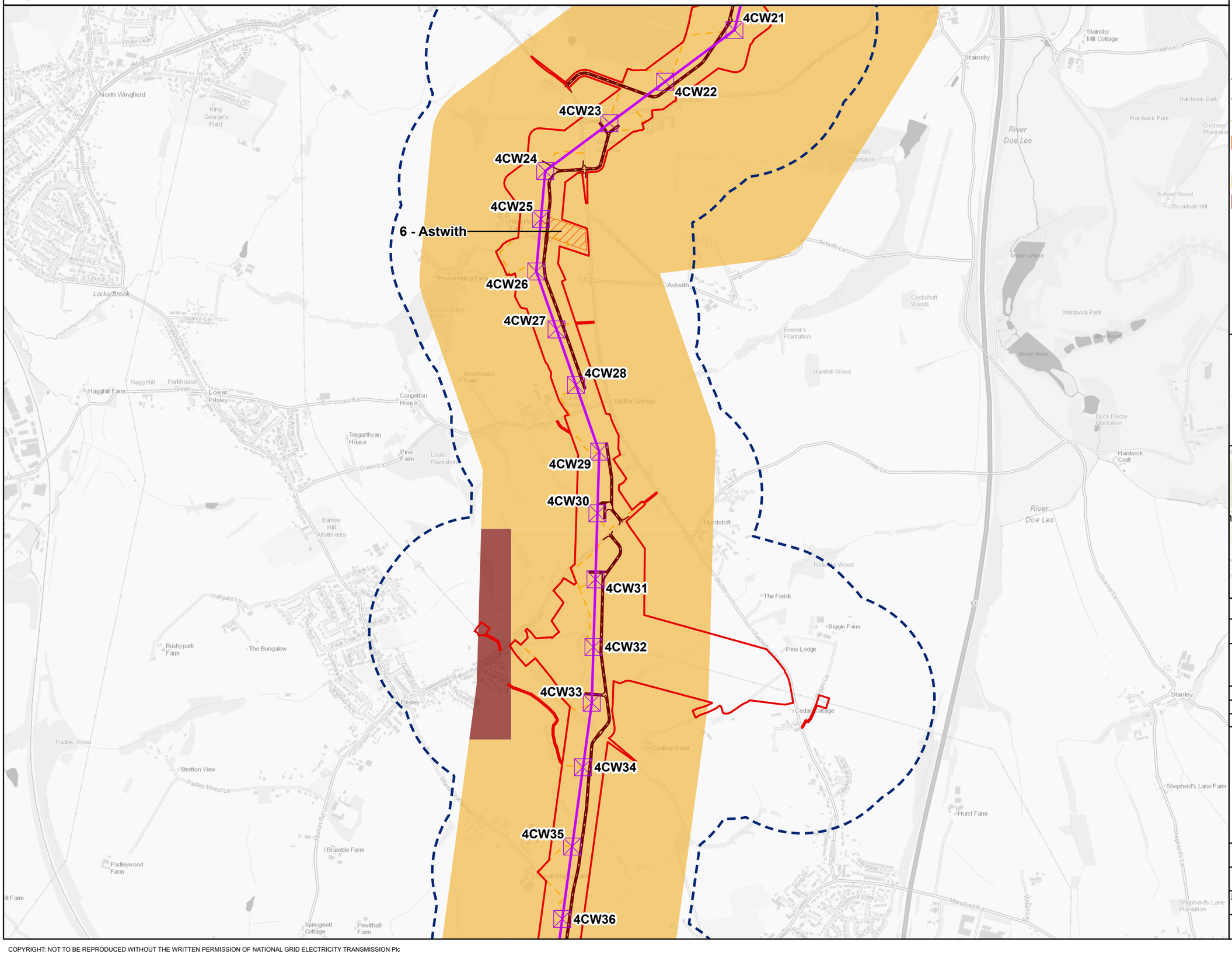
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Medium
- High

Notes

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0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
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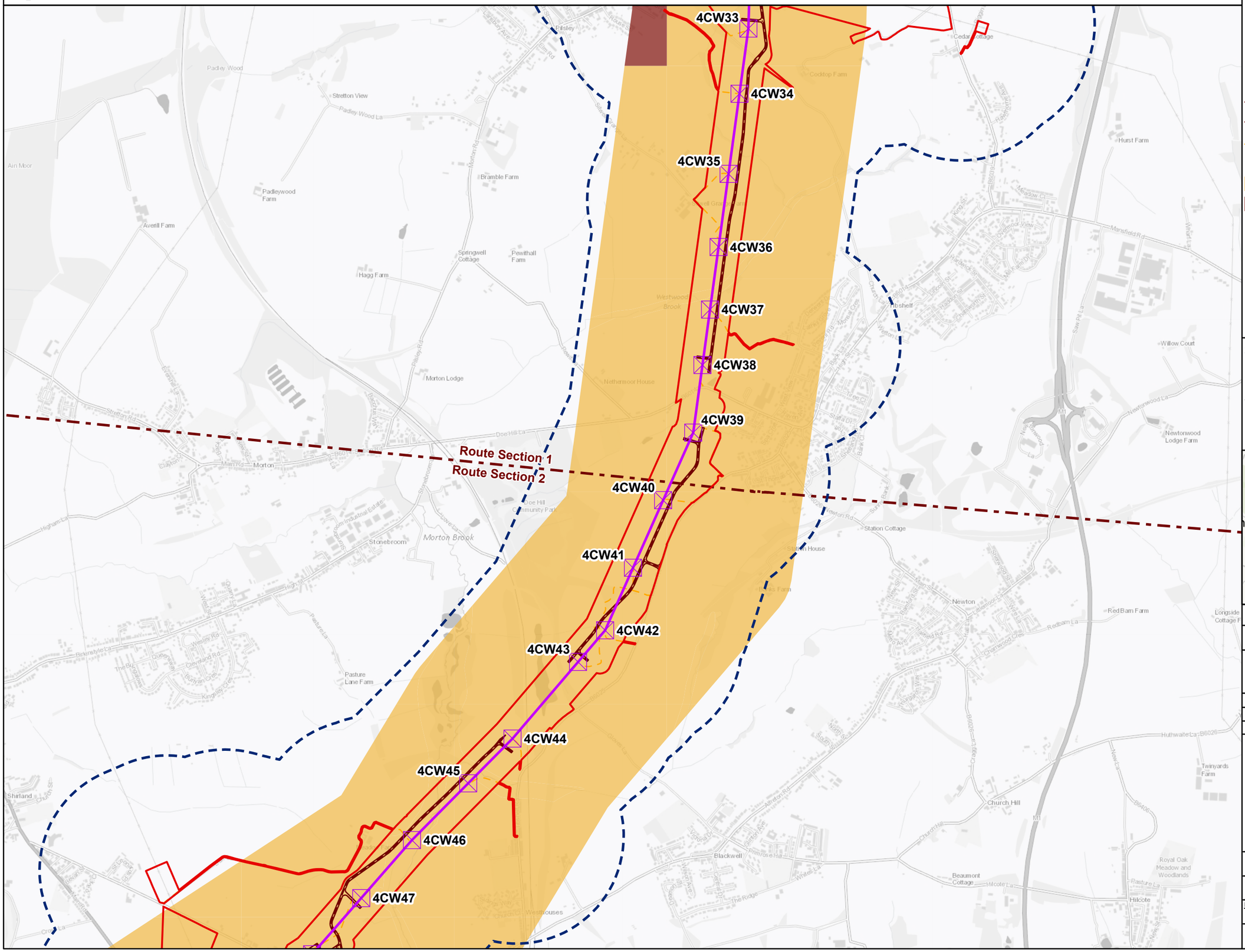
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Groundwater Vulnerability

- Medium
- High

Notes

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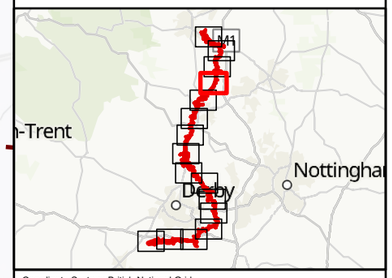

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442793.05E Sheet Y Centroid Coordinate: 360068.09N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number	Drawing Reference		
Figure 10.10	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019		
Scale	Sheet Size	Sheet	Issue
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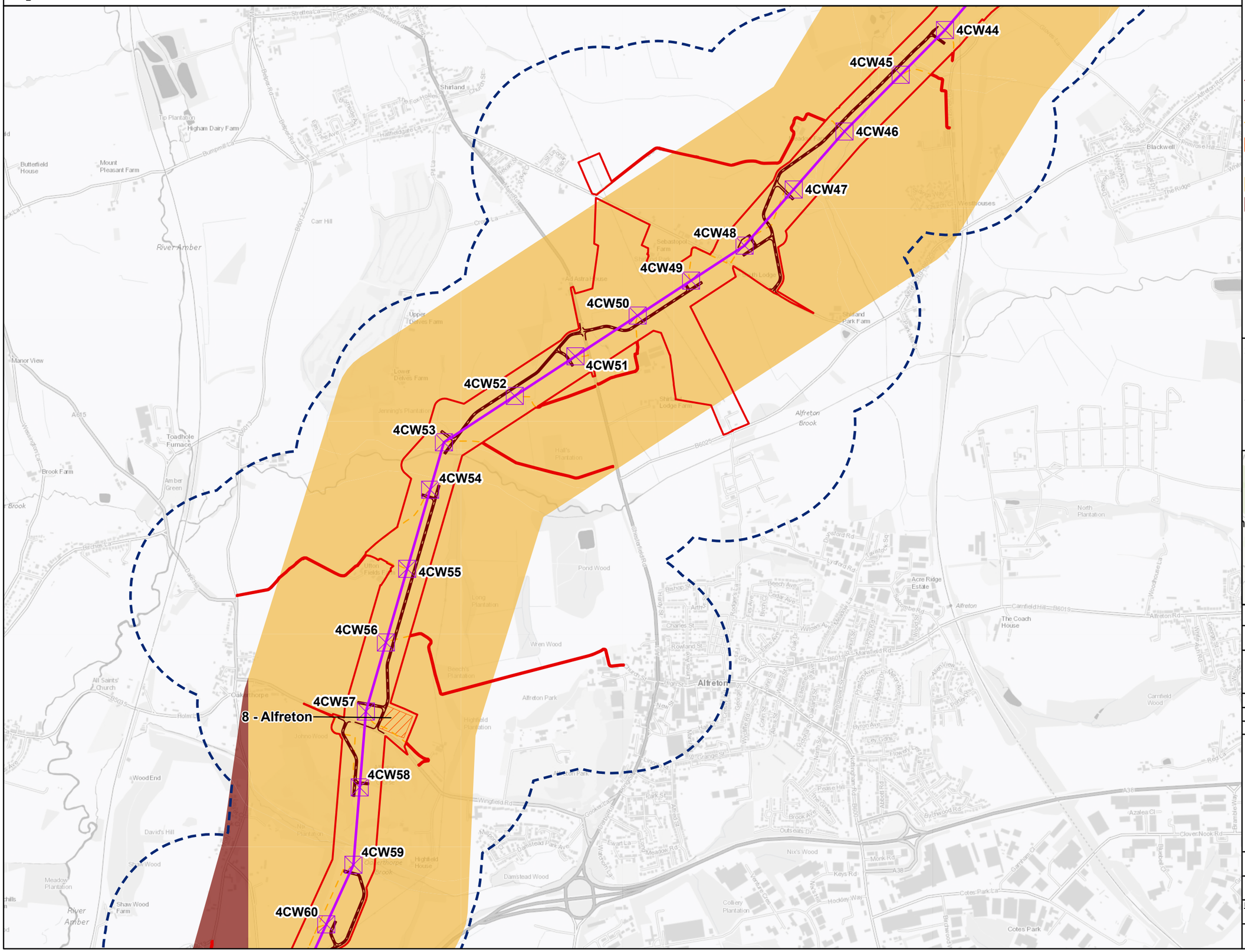
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Medium
- High

Notes

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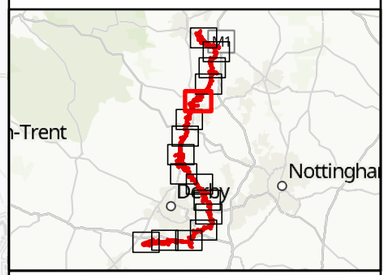

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440760.45E Sheet Y Centroid Coordinate: 356736.67N

0 200 400 800 Metres

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GROUNDWATER VULNERABILITY

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Figure Number
Figure 10.10

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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FIGURE 10.10:
GROUNDWATER VULNERABILITY

4CW58
4CW59
4CW60
4CW61
4CW62
4CW63
4CW64
4CW65
4CW66
4CW67
4CW68
4CW69
4CW70
4CW71

Route Section 2
Route Section 3

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Groundwater Vulnerability

- Medium
- High

Notes

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
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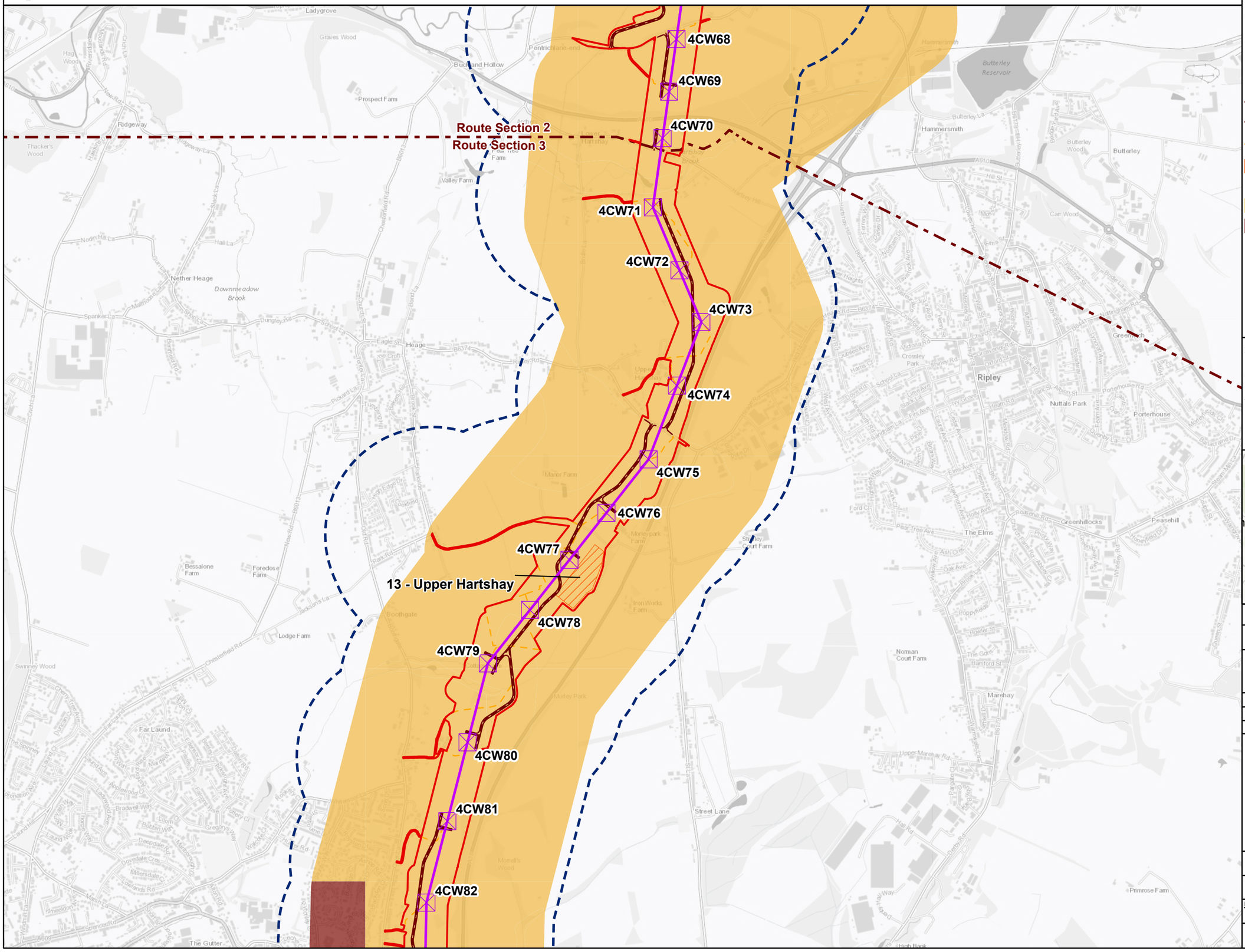
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Medium
- High

Notes

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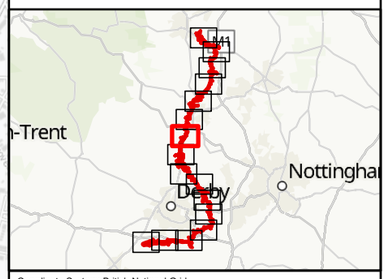

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438211.04E Sheet Y Centroid Coordinate: 349903.15N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
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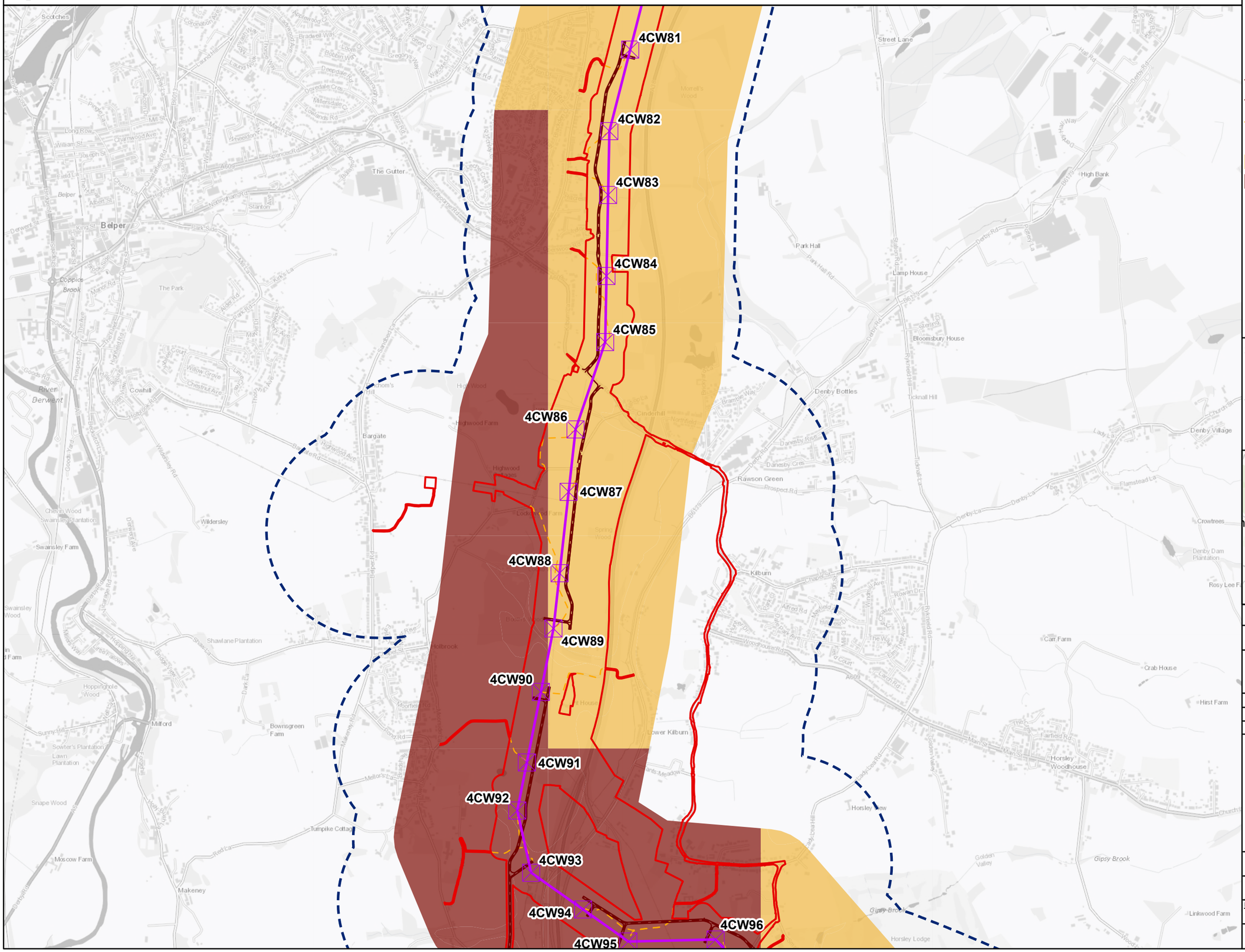
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Groundwater Vulnerability

- Medium
- High

Notes

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0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number	Drawing Reference			
Figure 10.10	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019			
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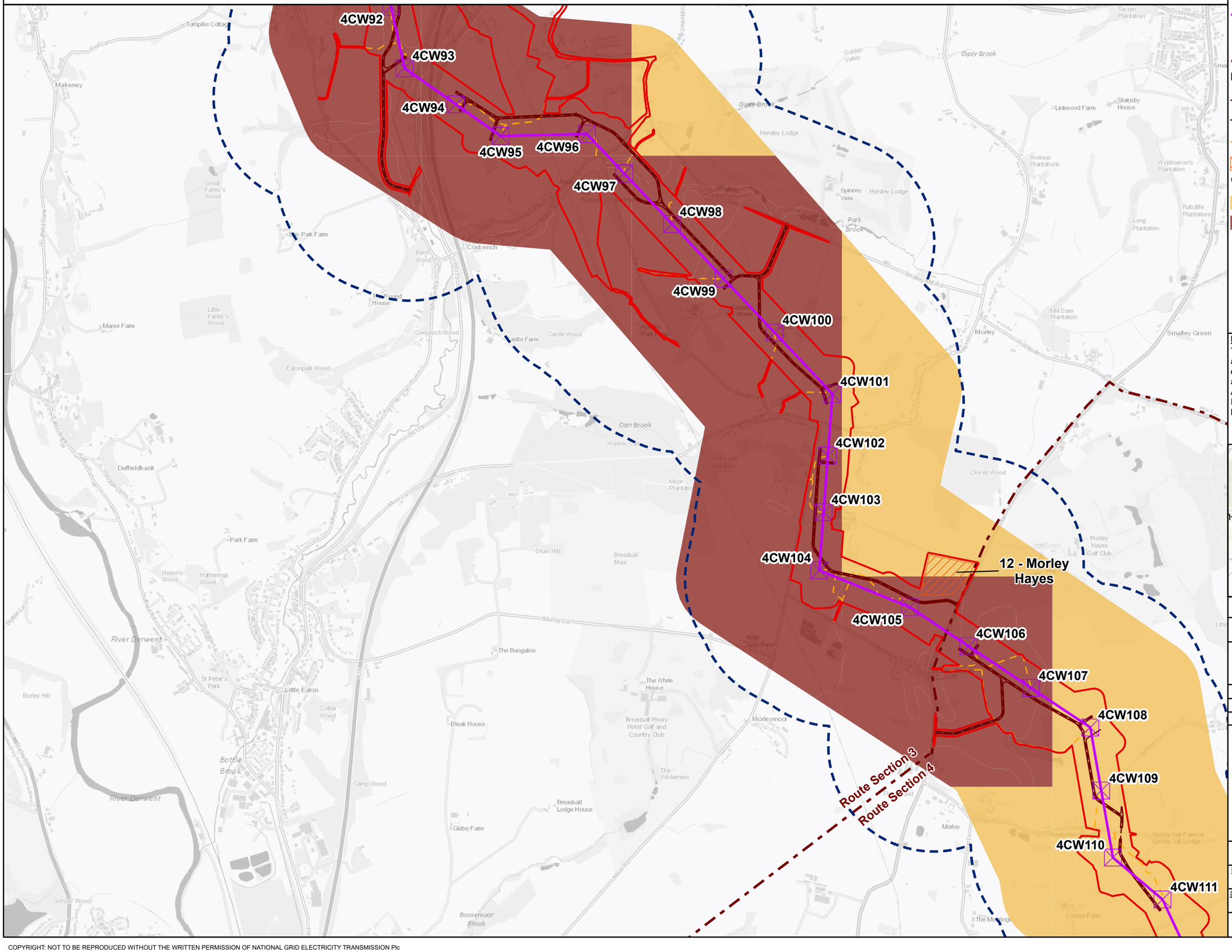
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Medium
- High

Notes

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0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number	Drawing Reference		
Figure 10.10	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019		
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FIGURE 10.10:
GROUNDWATER VULNERABILITY

4CW102
4CW103
4CW104
12 - Morley Hayes
4CW105
4CW106
4CW107
4CW108
4CW109
4CW110
4CW111
4CW112
4CW113
4CW114
4CW115
4CW116
4CW117
4CW118
4CW119
4CW120
Route Section 3
Route Section 4

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Low
- Medium
- High

Notes

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0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number
Figure 10.10

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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FIGURE 10.10:
GROUNDWATER VULNERABILITY

4CW115
4CW116
4CW117
4CW118
4CW119
4CW120
9 - Ockbrook
4CW121
4CW122
4CW123
4CW124
4CW125
4CW126
4CW127
4CW128
4CW129
4CW130
4CW131
Route Section 4
Route Section 5

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Low
- Medium
- High

Notes
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Sheet X Centroid Coordinate: 442538E Sheet Y Centroid Coordinate: 337359.31N

0 200 400 800
Metres

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1	Dec 2025	FIRST ISSUE	RS	BS	LM

Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number
Figure 10.10

Drawing Reference
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Scale	Sheet Size	Sheet	Issue
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FIGURE 10.10:
GROUNDWATER VULNERABILITY

4CW126
4CW127
4CW128
4CW129
4CW130
4CW131
4CW132
4CW133
4CW134
4CW135
4CW136
4CW137
4CW138
4CW139
4CW140

Route Section 4
Route Section 5

Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes

Groundwater Vulnerability

- Low
- Medium
- High

Notes

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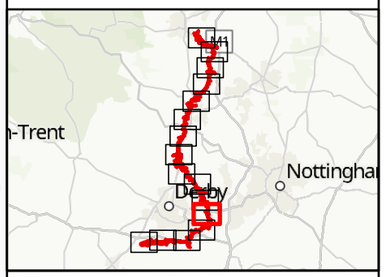

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442831.85E Sheet Y Centroid Coordinate: 334655.84N

0 200 400 800 Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
1:17,000	A3	SHEET 12 OF 16	1

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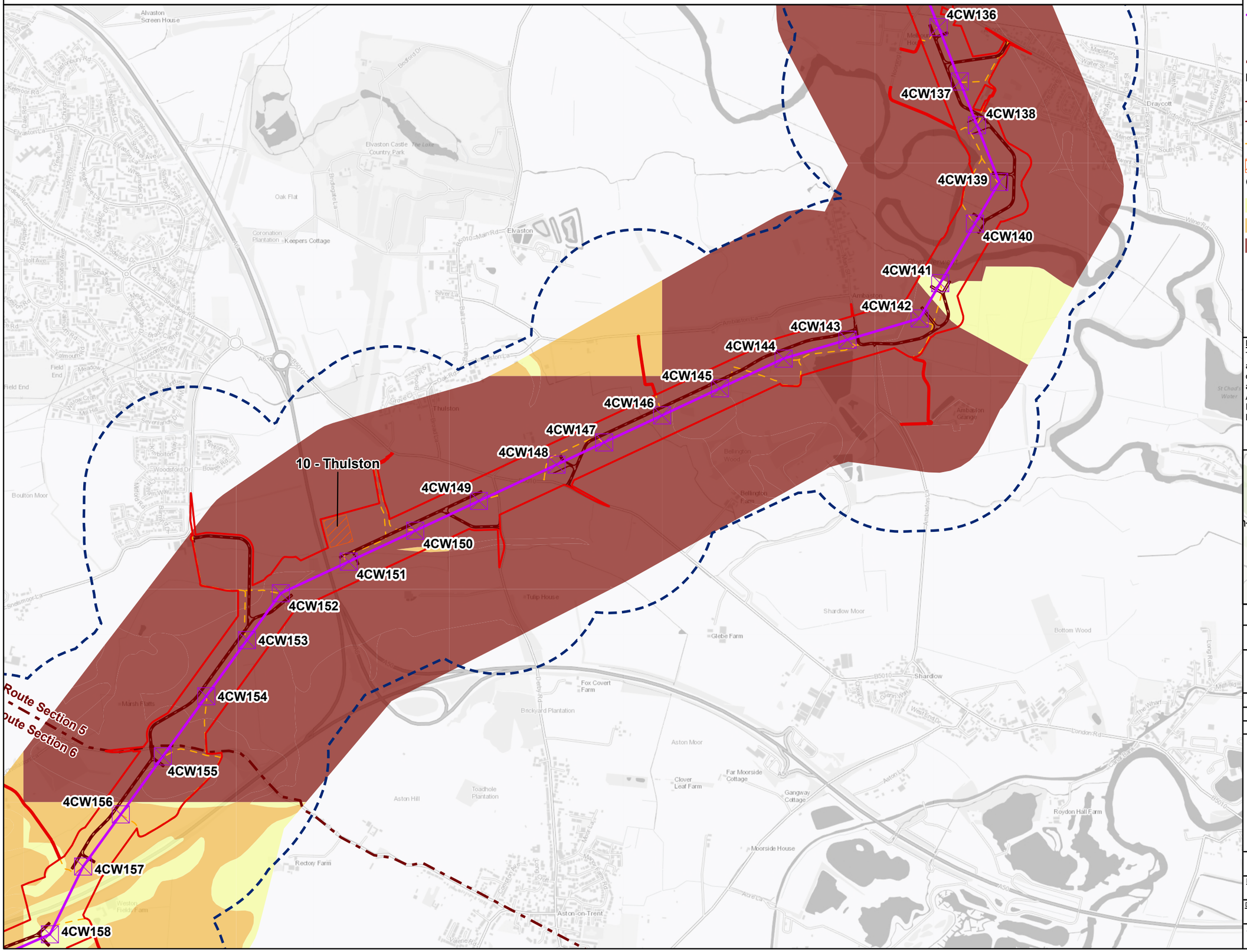
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Low
- Medium
- High

Notes

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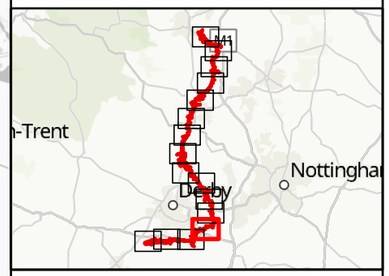

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441817.18E Sheet Y Centroid Coordinate: 331527.6N

0 200 400 800
Metres

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Title

CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number
Figure 10.10

Drawing Reference
EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
1:17,000	A3	SHEET 13 OF 16	1

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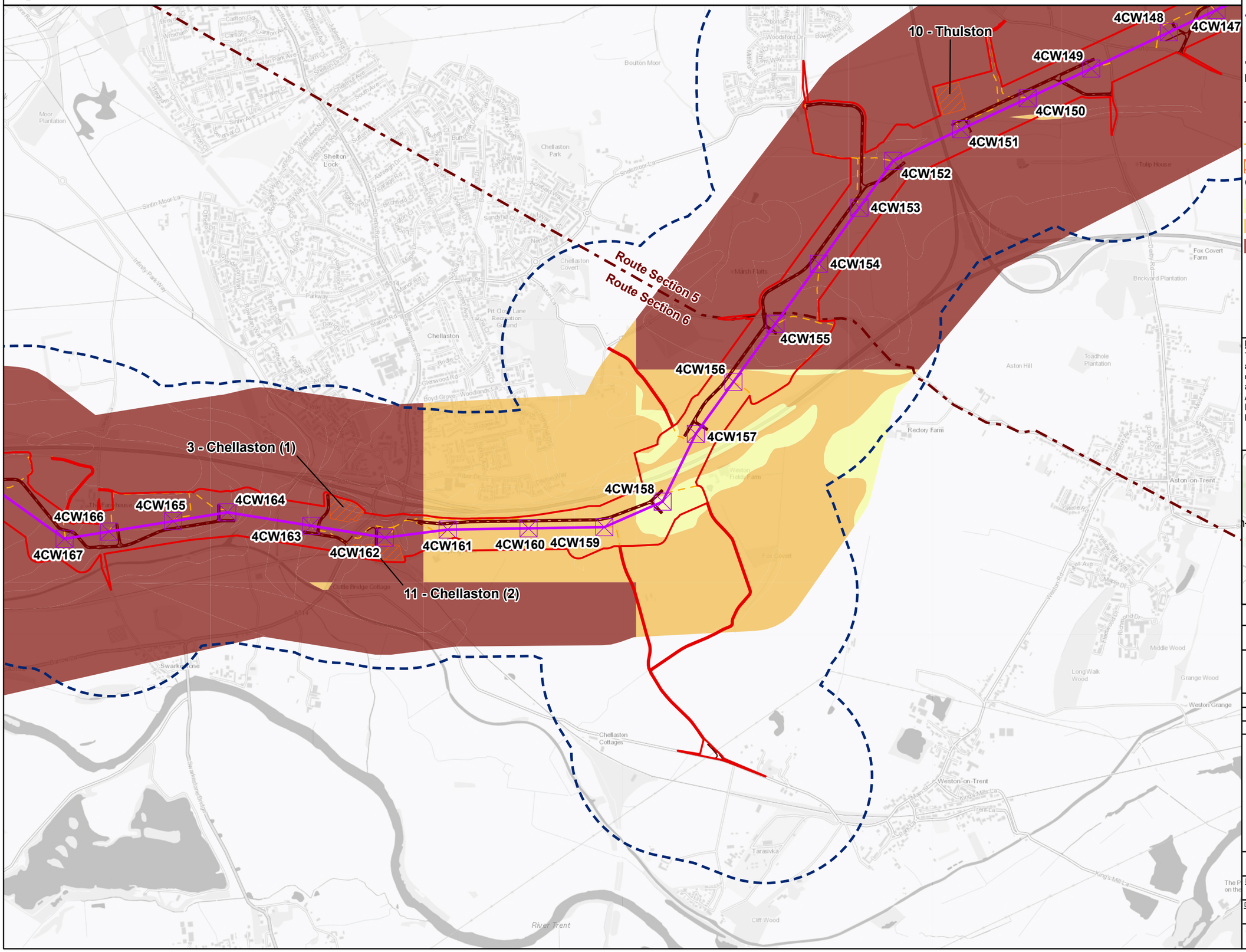
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Low
- Medium
- High

Notes

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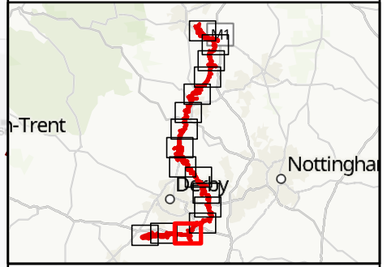

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 438936.96E Sheet Y Centroid Coordinate: 329494.74N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

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Scale	Sheet Size	Sheet	Issue
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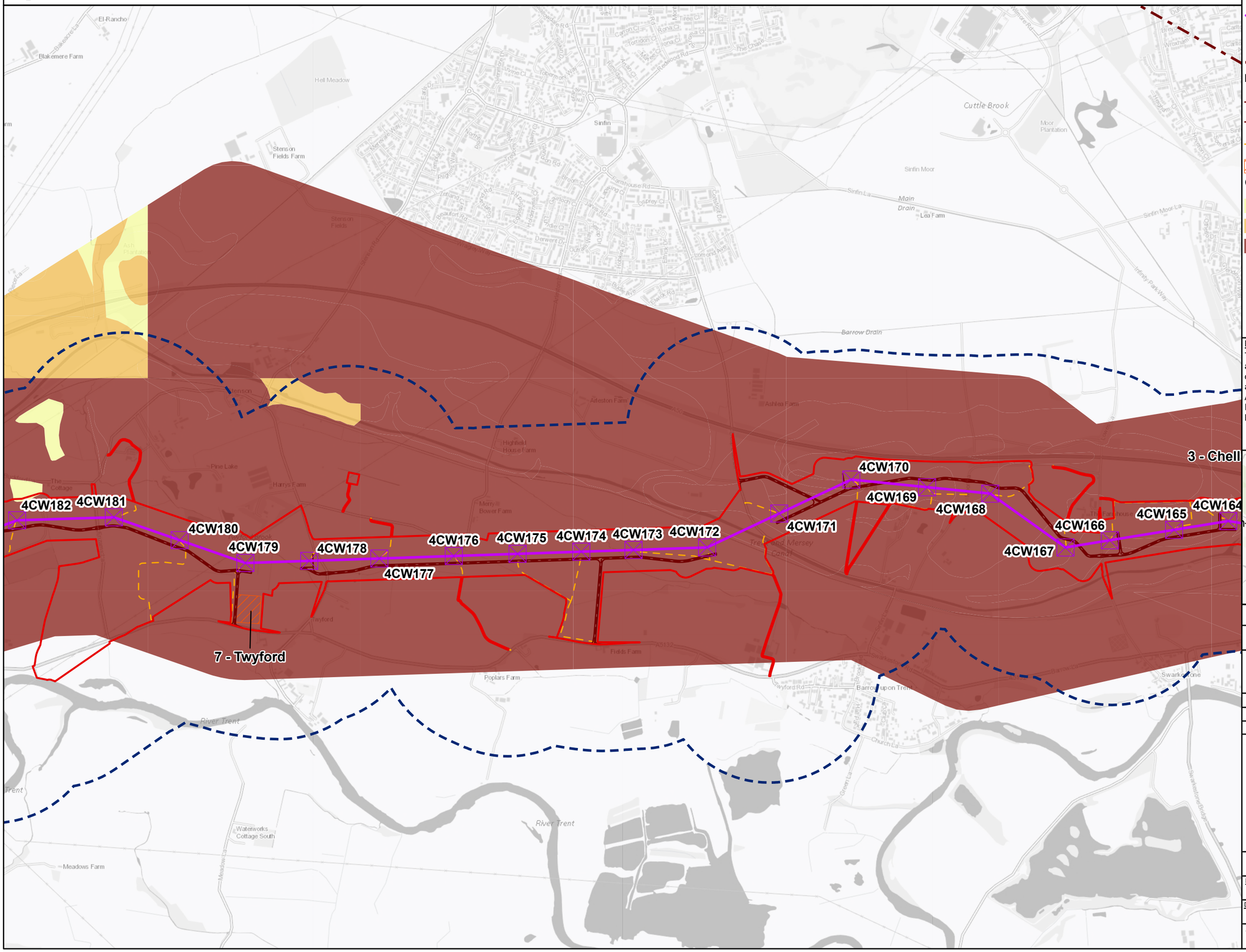
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Pylon Location
- Route Section

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Low
- Medium
- High

Notes

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 434231.98E Sheet Y Centroid Coordinate: 329535.81N

0 200 400 800 Metres

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Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

Scale	Sheet Size	Sheet	Issue
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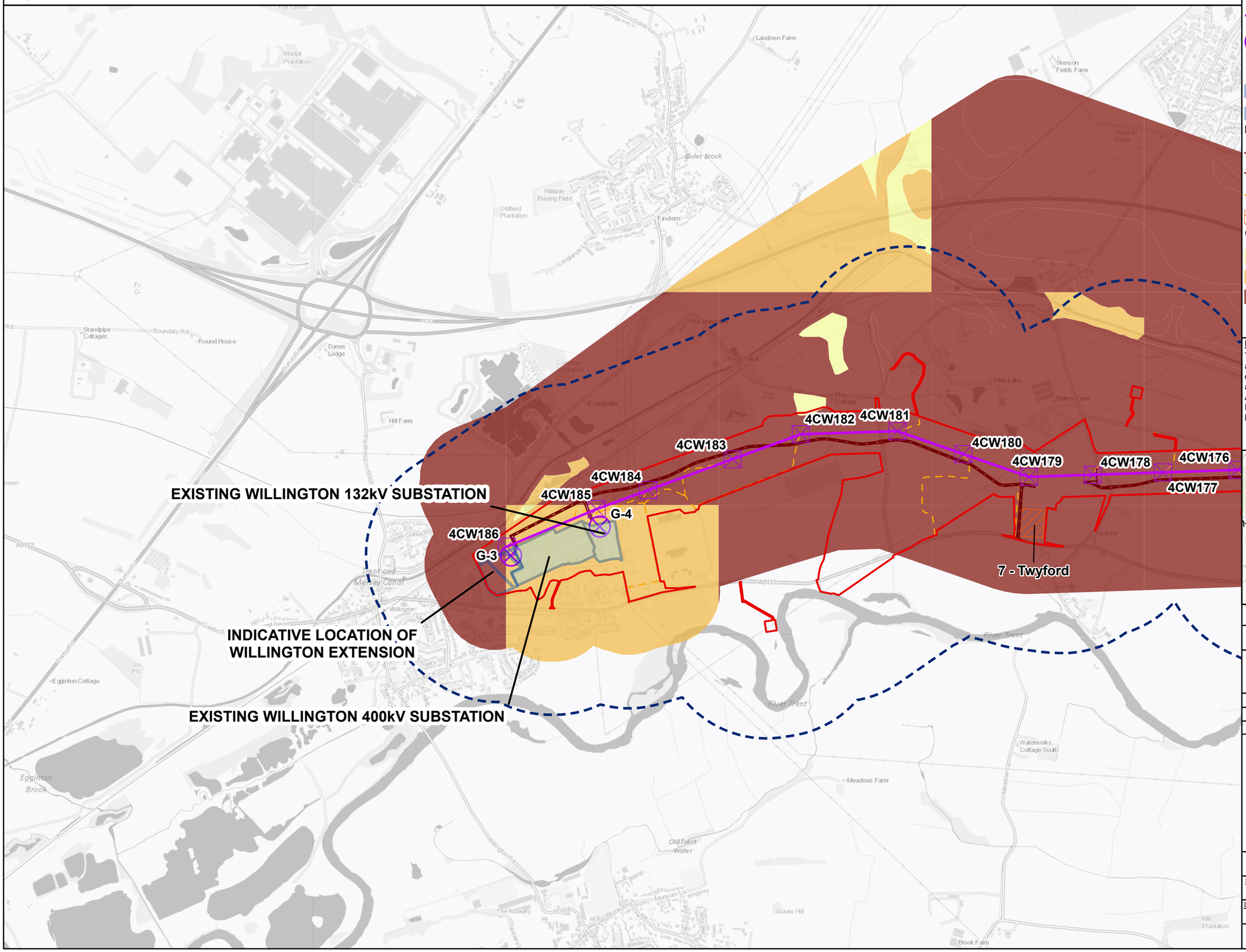
FIGURE 10.10:
GROUNDWATER VULNERABILITY



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Indicative New Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Existing Substation Site Boundary
- Willington Substation Extension

Haulage Road

- Indicative Haulage Road Center line
- Indicative Haulage Road Carriageway Edge
- Indicative Maintenance Access Routes
- Indicative Construction Compound

Groundwater Vulnerability

- Low
- Medium
- High

Notes

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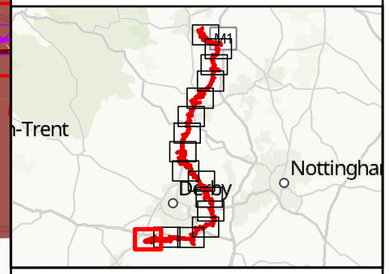

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 430548.72E Sheet Y Centroid Coordinate: 329131.37N

0 200 400 800 Metres

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CHESTERFIELD TO WILLINGTON
GROUNDWATER VULNERABILITY

nationalgrid

Figure Number: Figure 10.10

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000019

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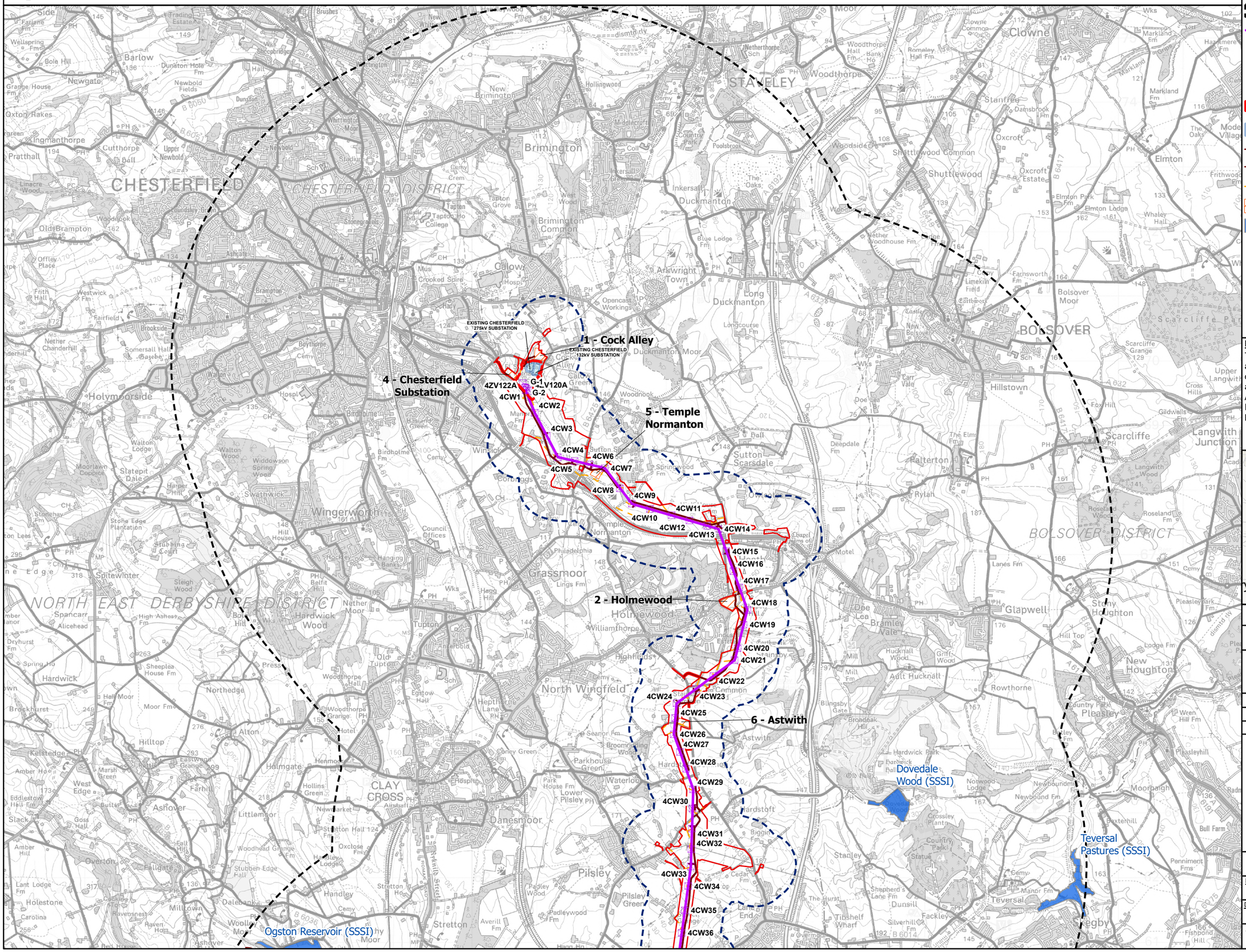
FIGURE 10.11:
GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5 km
- Indicative Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Indicative New Chesterfield Substation Site Boundary
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Groundwater Dependent Terrestrial Ecosystems

Notes

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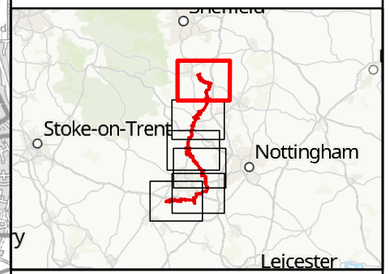

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 442327.54E Sheet Y Centroid Coordinate: 368201.72N

0 500 1,000 2,000 Metres

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Title

CHESTERFIELD TO WILLINGTON GWDTE

nationalgrid

Figure Number	Drawing Reference		
Figure 10.11	EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000014		
Scale	**Sheet Size**	**Sheet**	**Issue**
1:56,000	A3	SHEET 1 OF 6	1

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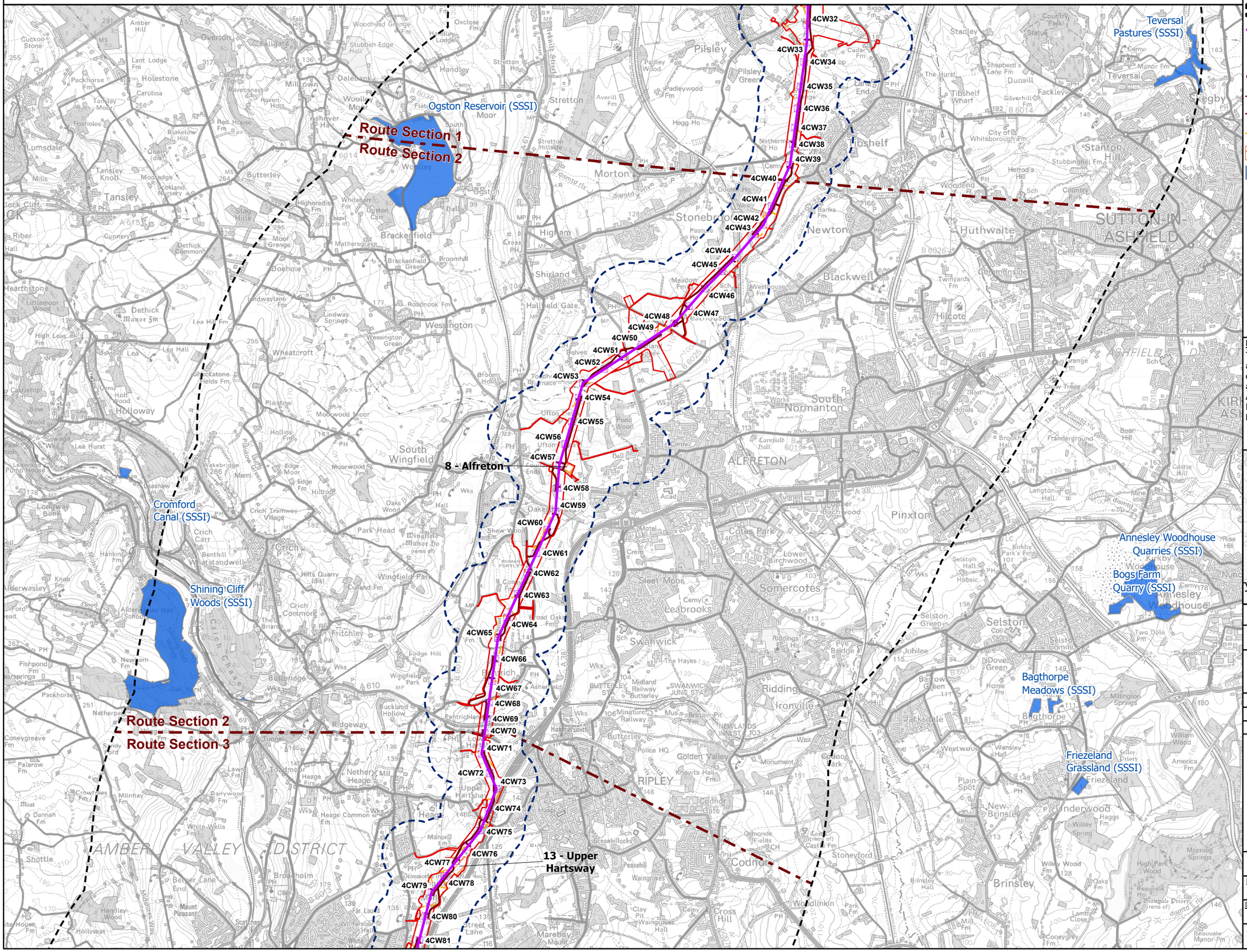
FIGURE 10.11:
GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5 km
- Indicative Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Groundwater Dependent Terrestrial Ecosystems

Notes

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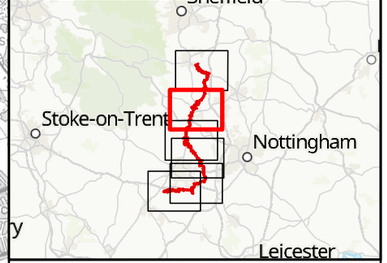

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 440541.47E Sheet Y Centroid Coordinate: 355454.09N

0 500 1,000 2,000 Metres

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CHESTERFIELD TO WILLINGTON GWDTE

nationalgrid

Figure Number: Figure 10.11

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000014

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1:56,000	A3	SHEET 2 OF 6	1

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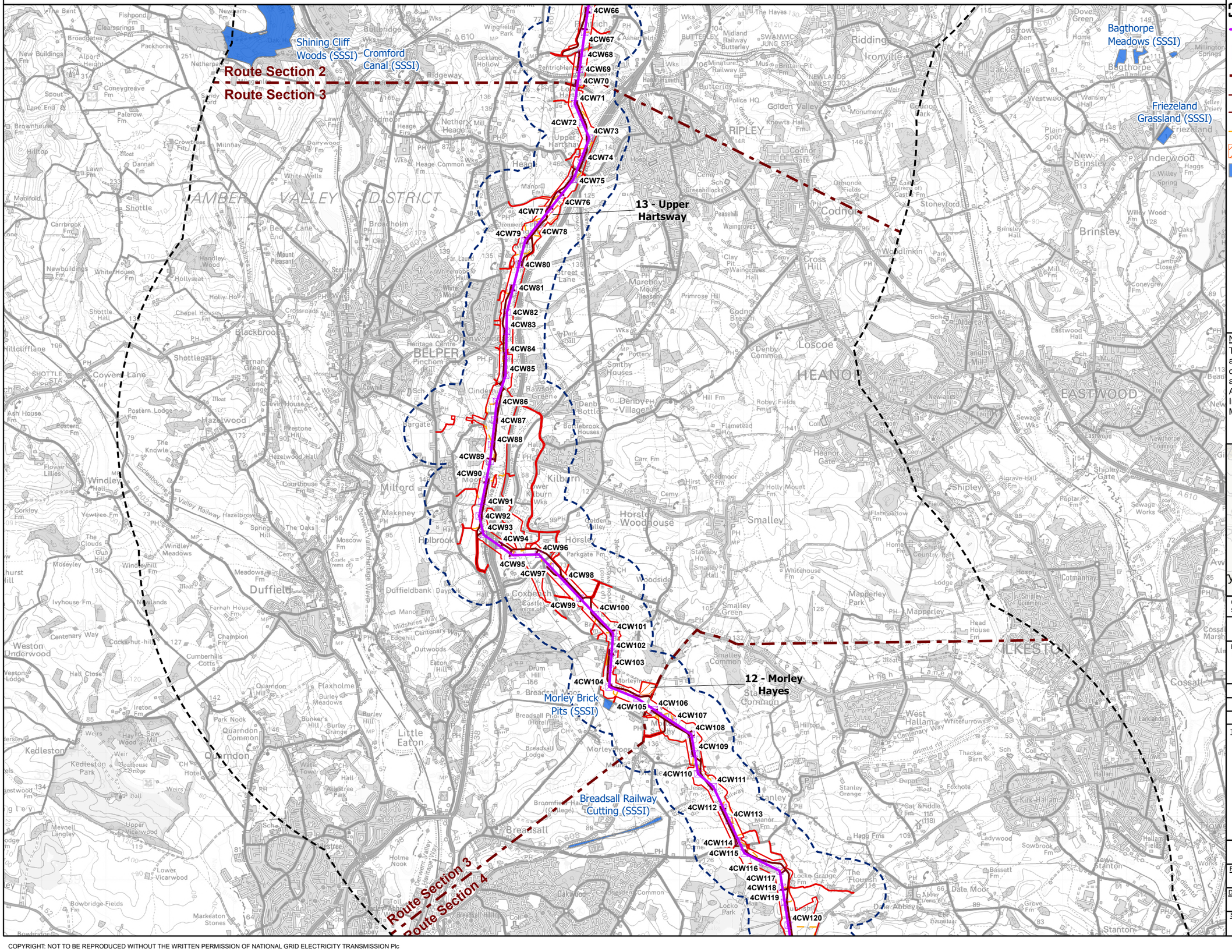
FIGURE 10.11:
GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5 km
- Indicative Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Groundwater Dependent Terrestrial Ecosystems

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Sheet X Centroid Coordinate: 438981.33E Sheet Y Centroid Coordinate: 345423.32N

0 500 1,000 2,000 Metres

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Title

CHESTERFIELD TO WILLINGTON GWDTE

nationalgrid

Figure Number: Figure 10.11

Drawing Reference: EDN2-WSP-CONS-ZZZZZZ-DRW-GE-000014

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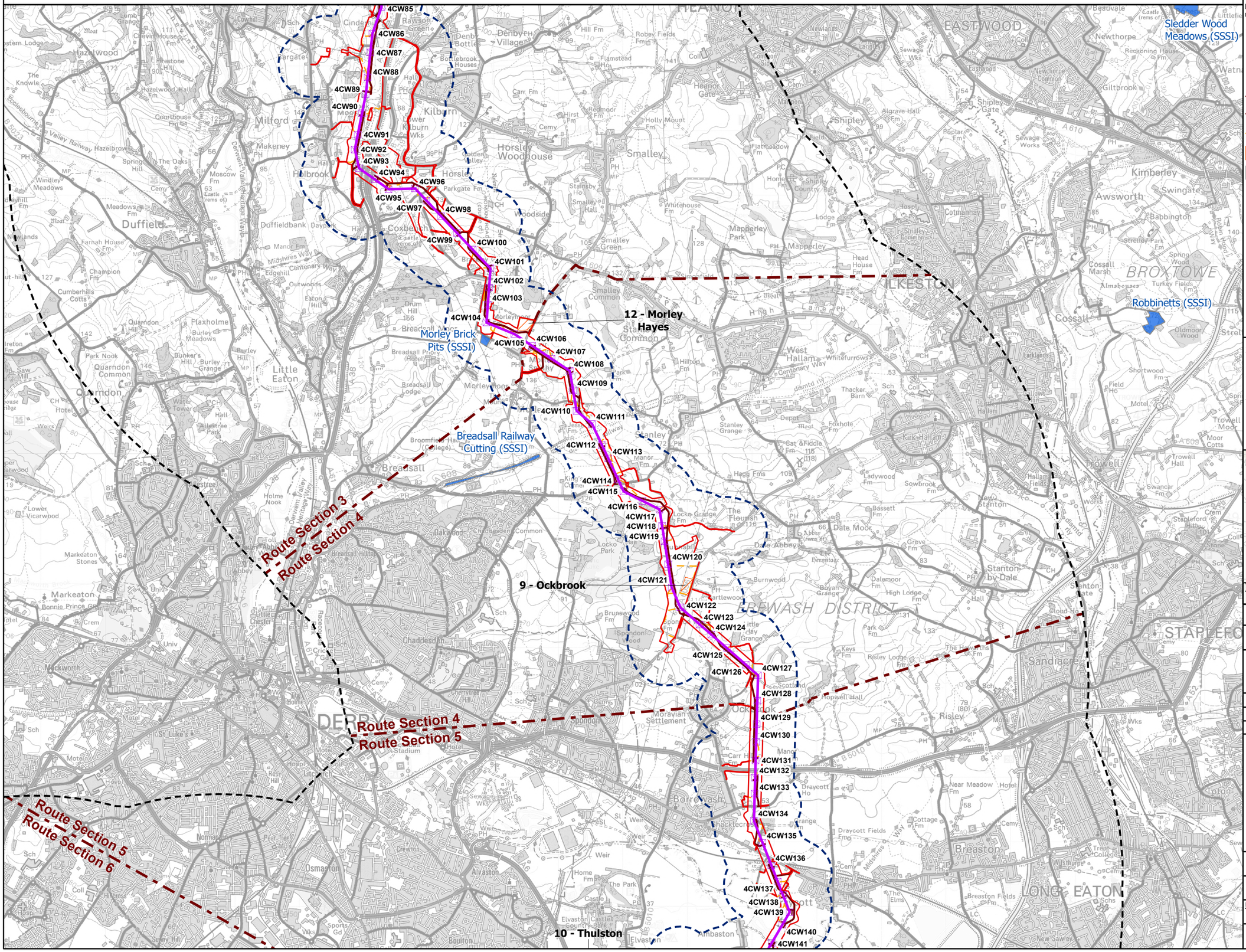
FIGURE 10.11:
GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5 km
- Indicative Overhead Line
- Indicative New Pylon Location
- Route Section
- Indicative Haulage Road Center line
- Indicative Haulage Road
- Indicative Maintenance Access Routes
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- Groundwater Dependent Terrestrial Ecosystems

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Coordinate System: British National Grid
Sheet X Centroid Coordinate: 441008.66E Sheet Y Centroid Coordinate: 339646.41N

0 500 1,000 2,000 Metres

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CHESTERFIELD TO WILLINGTON GWDTE

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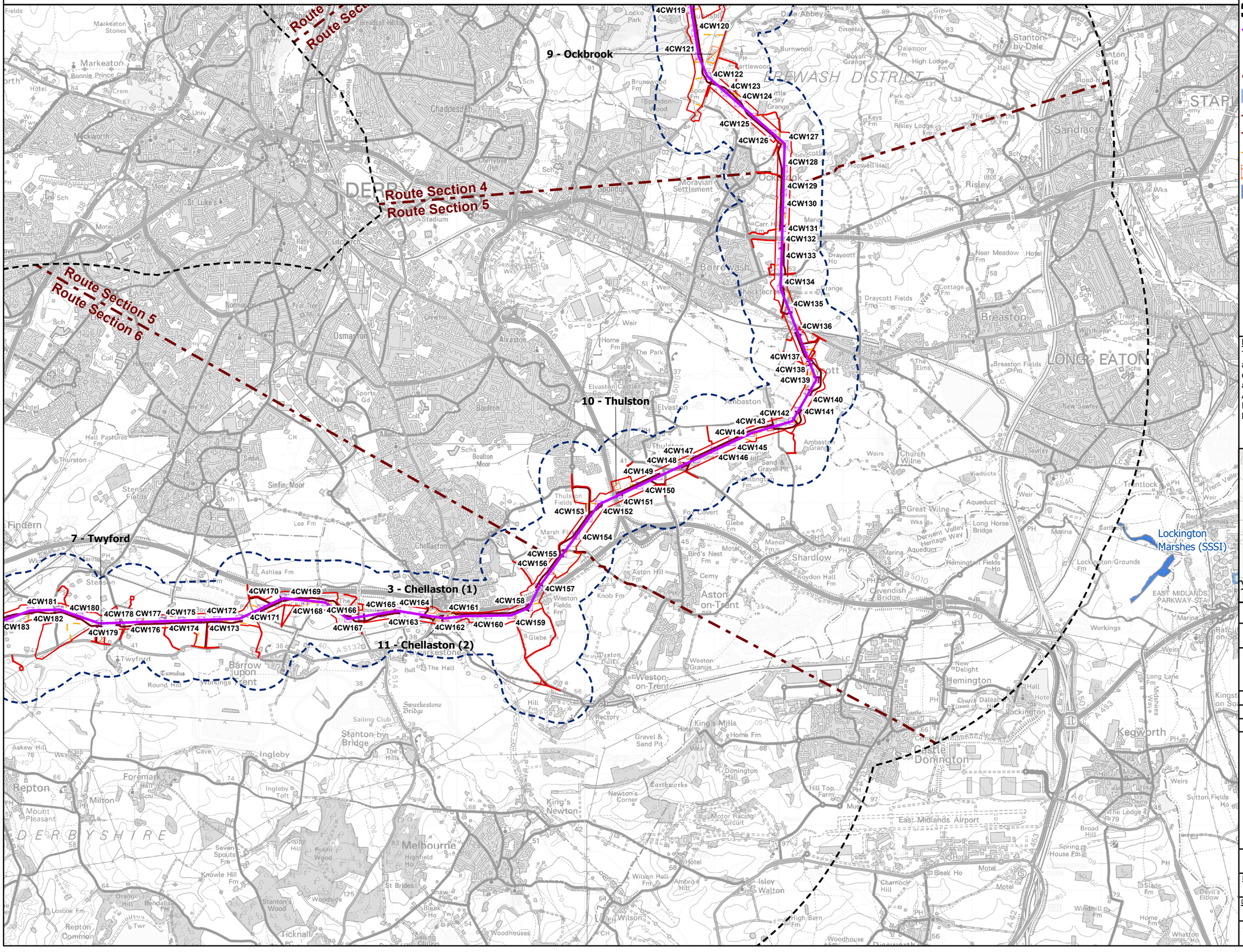
FIGURE 10.11:
GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5 km
- Indicative Overhead Line
- Indicative New Pylon Location
- Route Section
- Existing Substation Site Boundary
- Indicative Haulage Road Center line
- Indicative Haulage Road
- Indicative Maintenance Access Routes
- Indicative Construction Compound
- Groundwater Dependent Terrestrial Ecosystems

Notes

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0 500 1,000 2,000 Metres

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Scale	Sheet Size	Sheet	Issue
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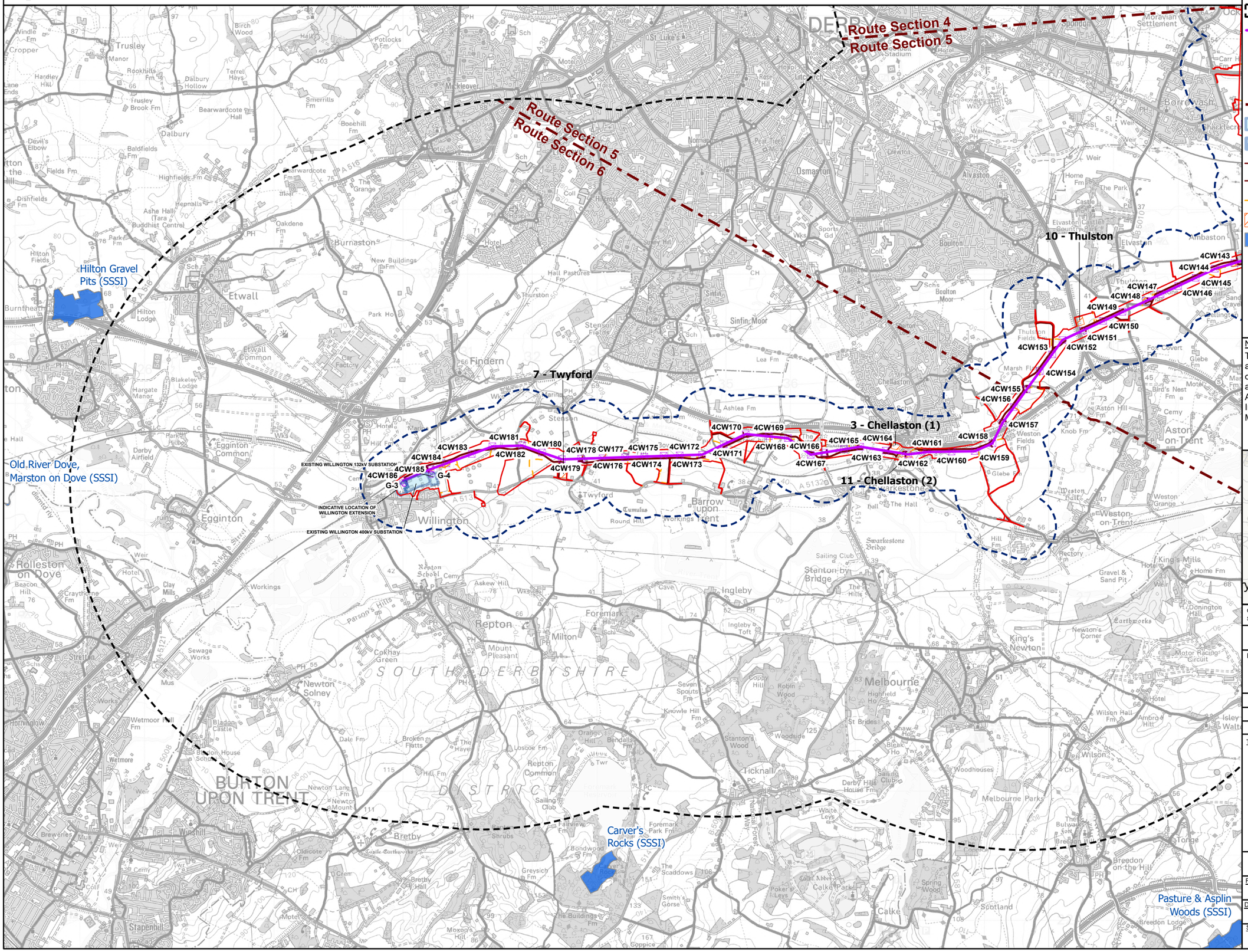
FIGURE 10.11:
GROUNDWATER DEPENDENT TERRESTRIAL ECOSYSTEMS (GWDTE)



Legend

- Draft Order Limits
- Draft Order Limit Buffer 500m
- Draft Order Limit Buffer 5 km
- Indicative Overhead Line
- Indicative New Gantries
- Indicative New Pylon Location
- Route Section
- Existing Substation Site Boundary
- Willington Substation Extension
- Indicative Haulage Road Center line
- Indicative Haulage Road
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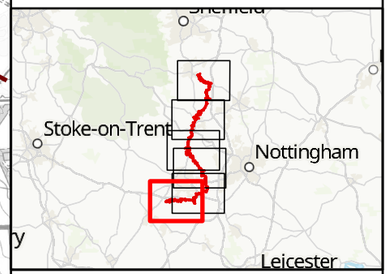

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 433402.66E Sheet Y Centroid Coordinate: 328859.84N

0 500 1,000 2,000 Metres

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