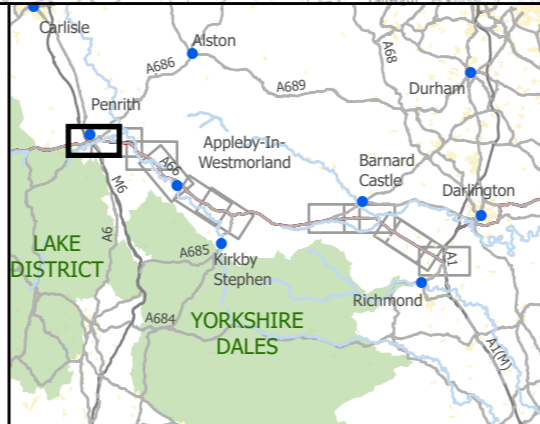




A66 Northern Trans-Pennine

Figures - 09. Geology and Soils

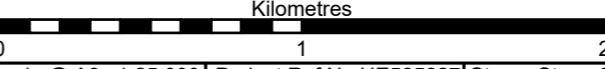


- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - Study Area 250m
 - Study Area 1km
 - Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



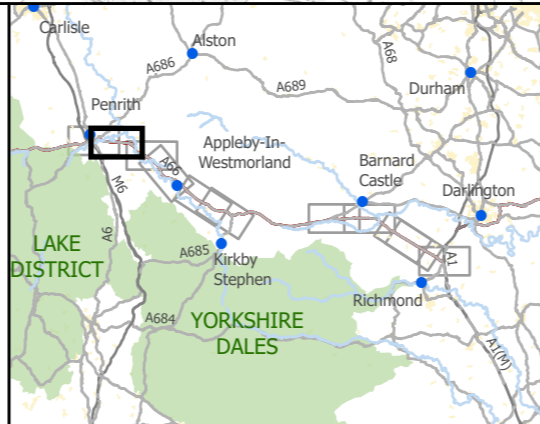
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 1 of 19			
M6 Junction 40 to Kemplay Bank			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00		MP - LG - 005000	
Location		Type	Role Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01

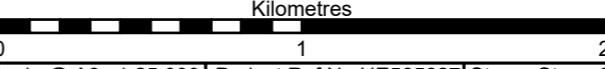


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
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- Orange Alternative
- Red Alternative



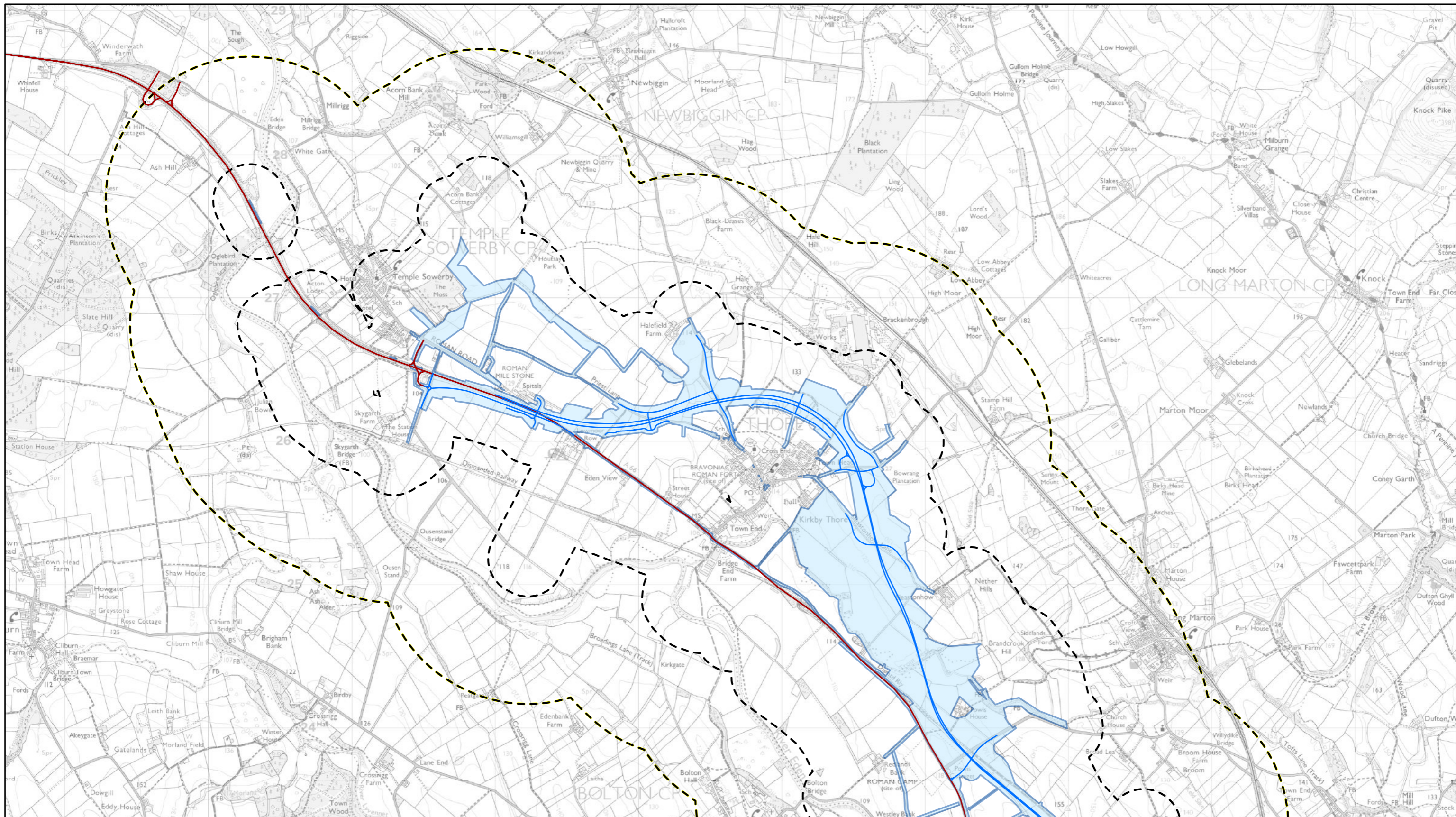
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Revision	Created	Checked	Reviewed	Approved	Authorised



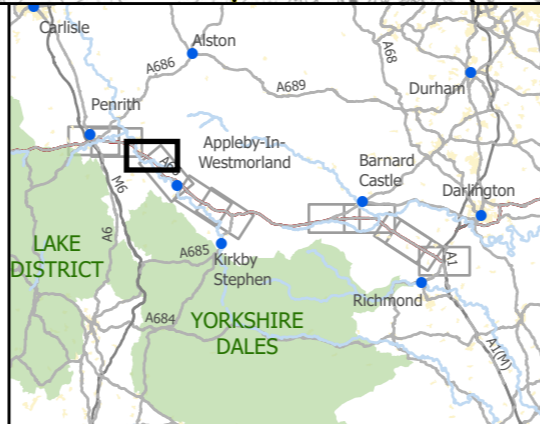
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 2 of 19			
Penrith to Temple Sowerby			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005001
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- - - Study Area 1km
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

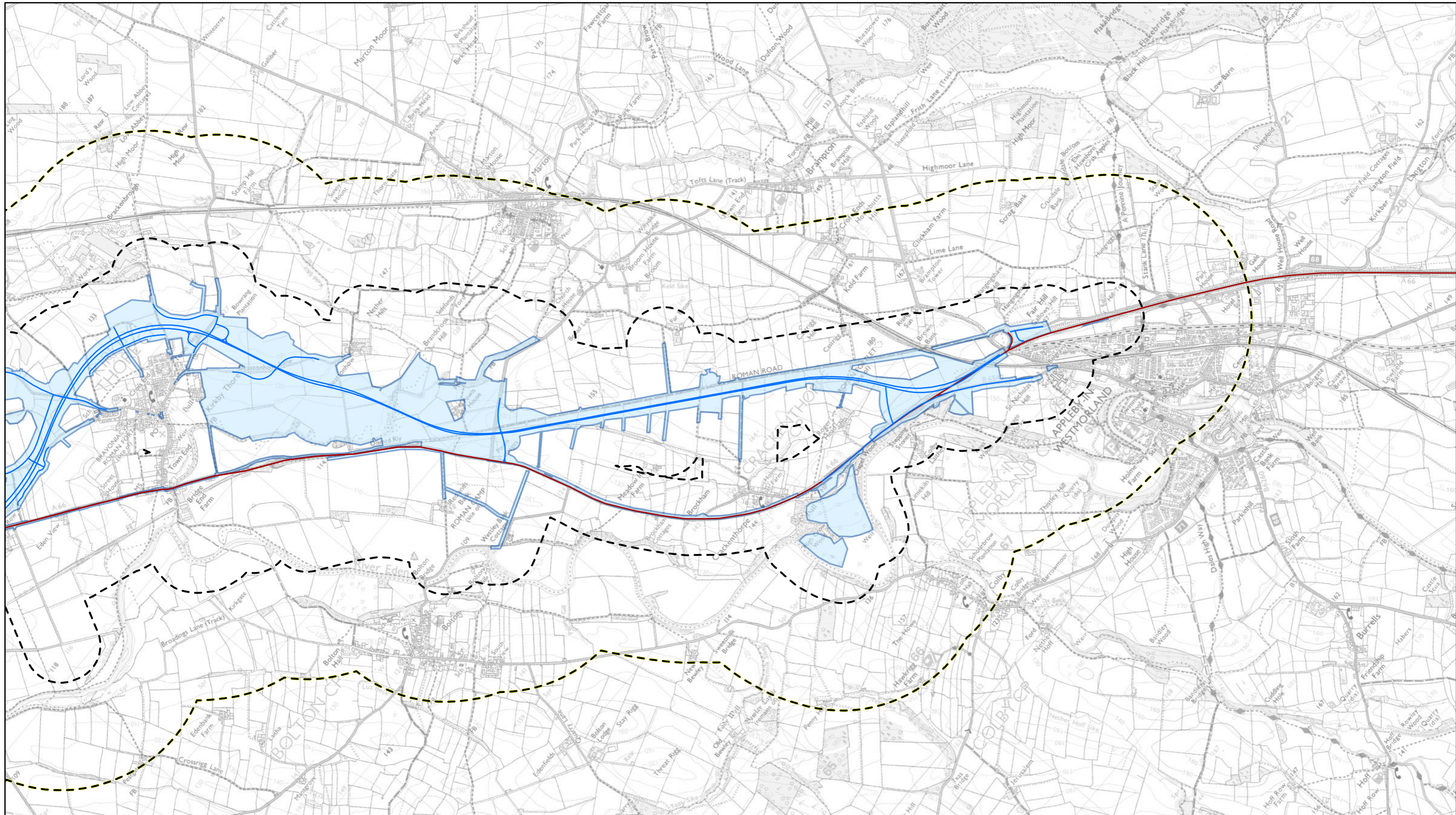


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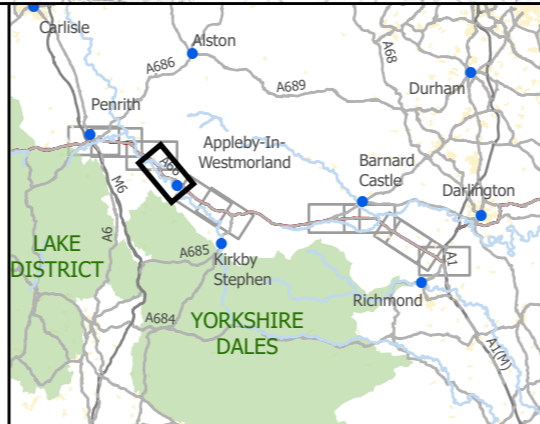
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 3 of 19			
Temple Sowerby to Appleby			
Blue Alternative			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centrelines
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - - - Study Area 250m
 - - - Study Area 1km
 - Scheme
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 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**



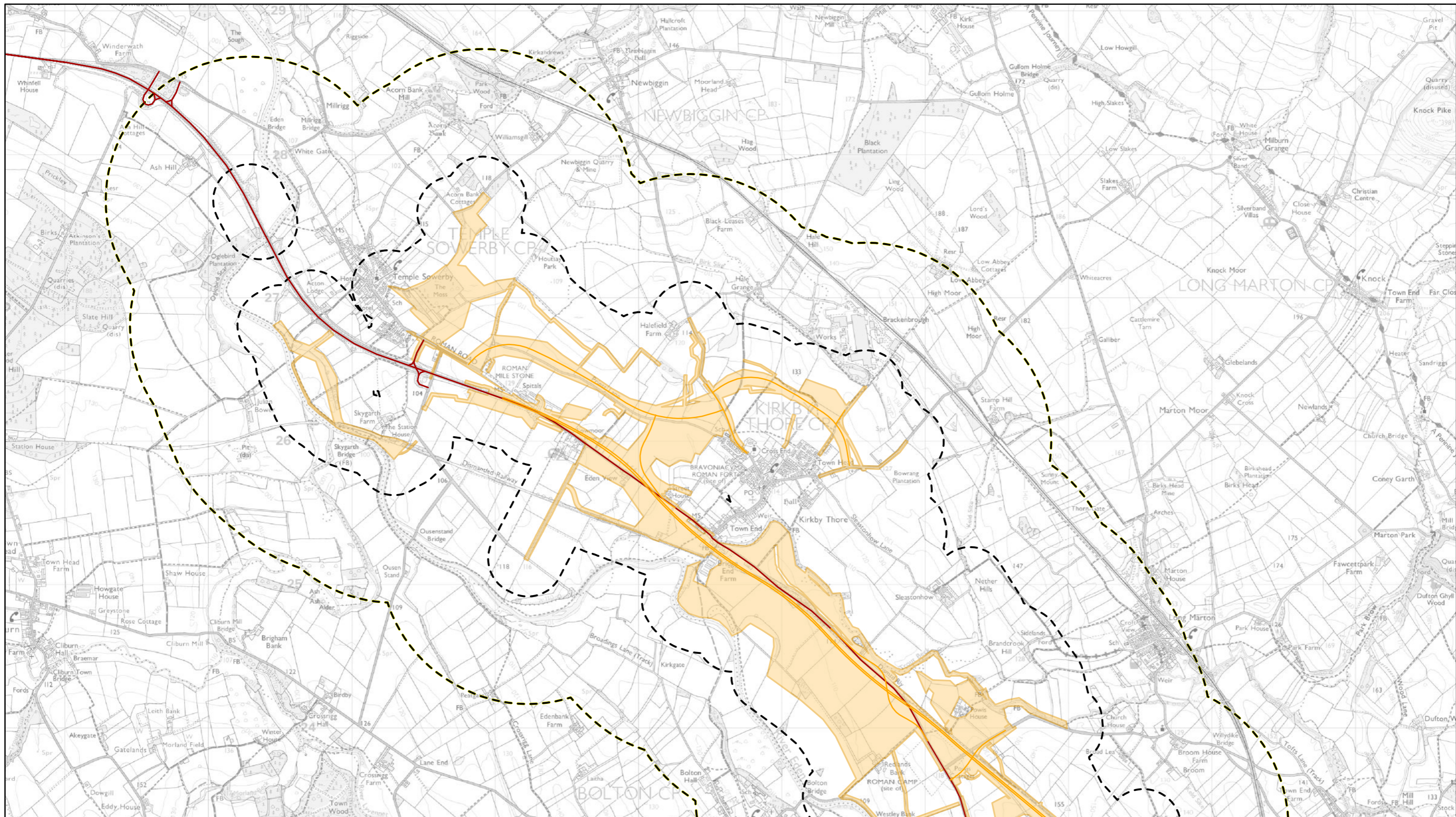
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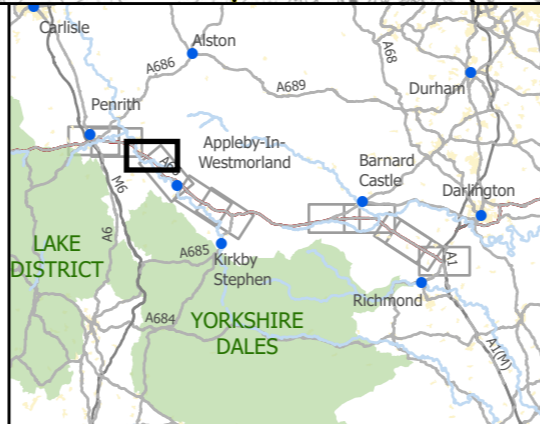
Project Name
A66 Northern Trans-Pennine



Map Title
Figure 9.1
 Study Area
 Sheet 4 of 19
 Temple Sowerby to Appleby
Blue Alternative

Map Number	Project	Originator	Volume
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S00	-	MP	LG
Location	Type	Role	Number
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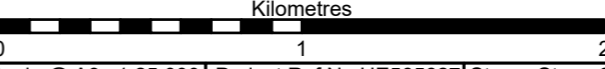


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



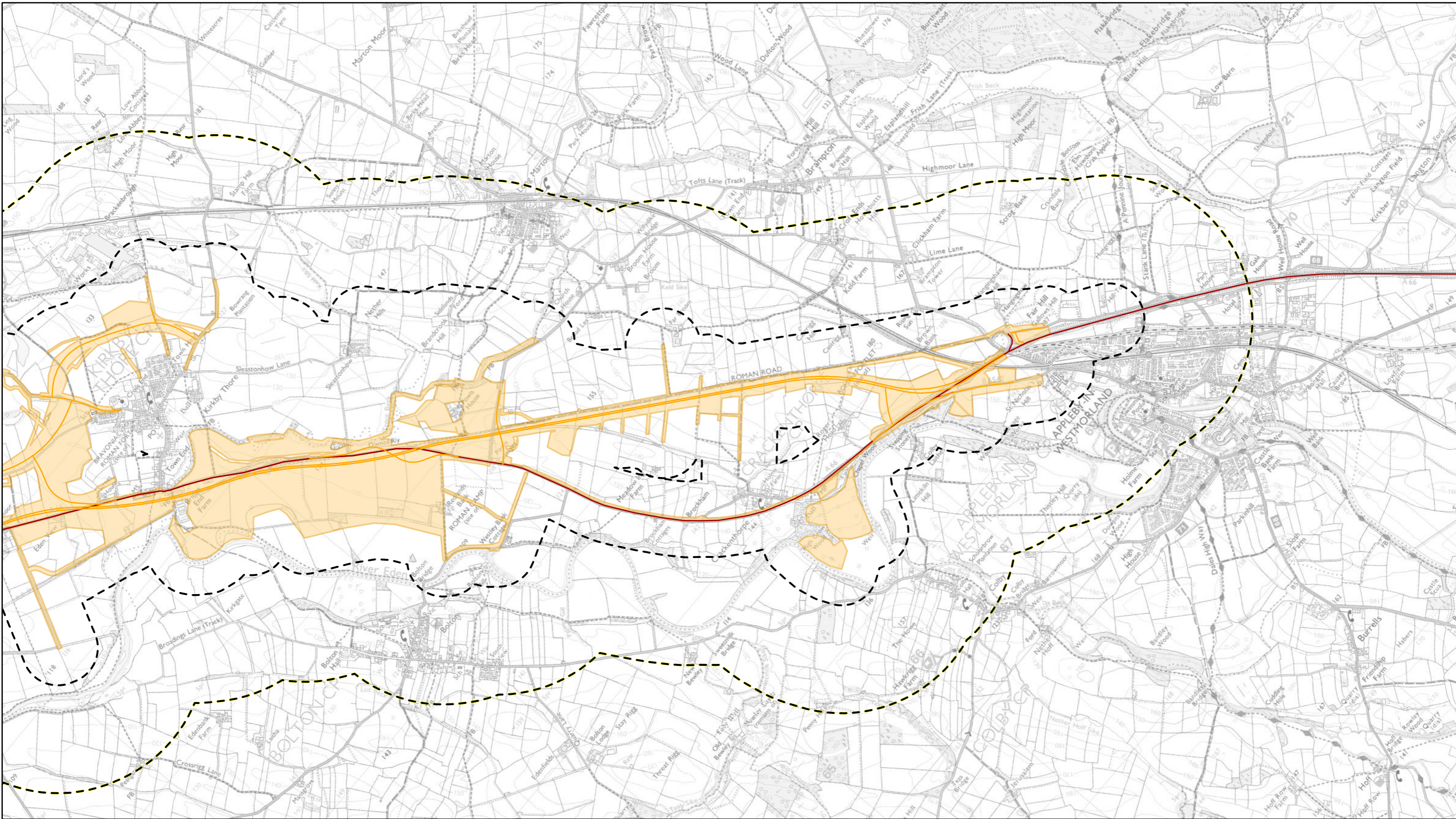
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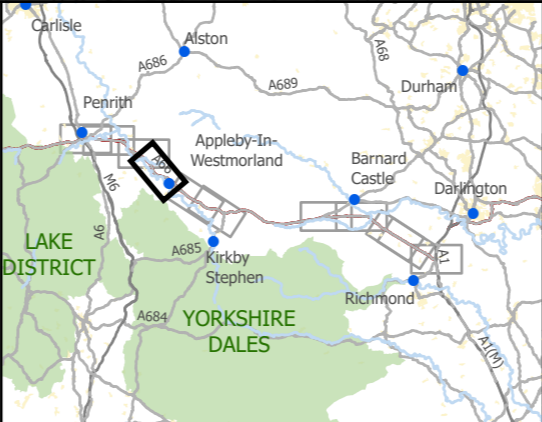
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 5 of 19			
Temple Sowerby to Appleby Orange Alternative			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - - - Study Area 250m
 - - - Study Area 1km
 - Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**

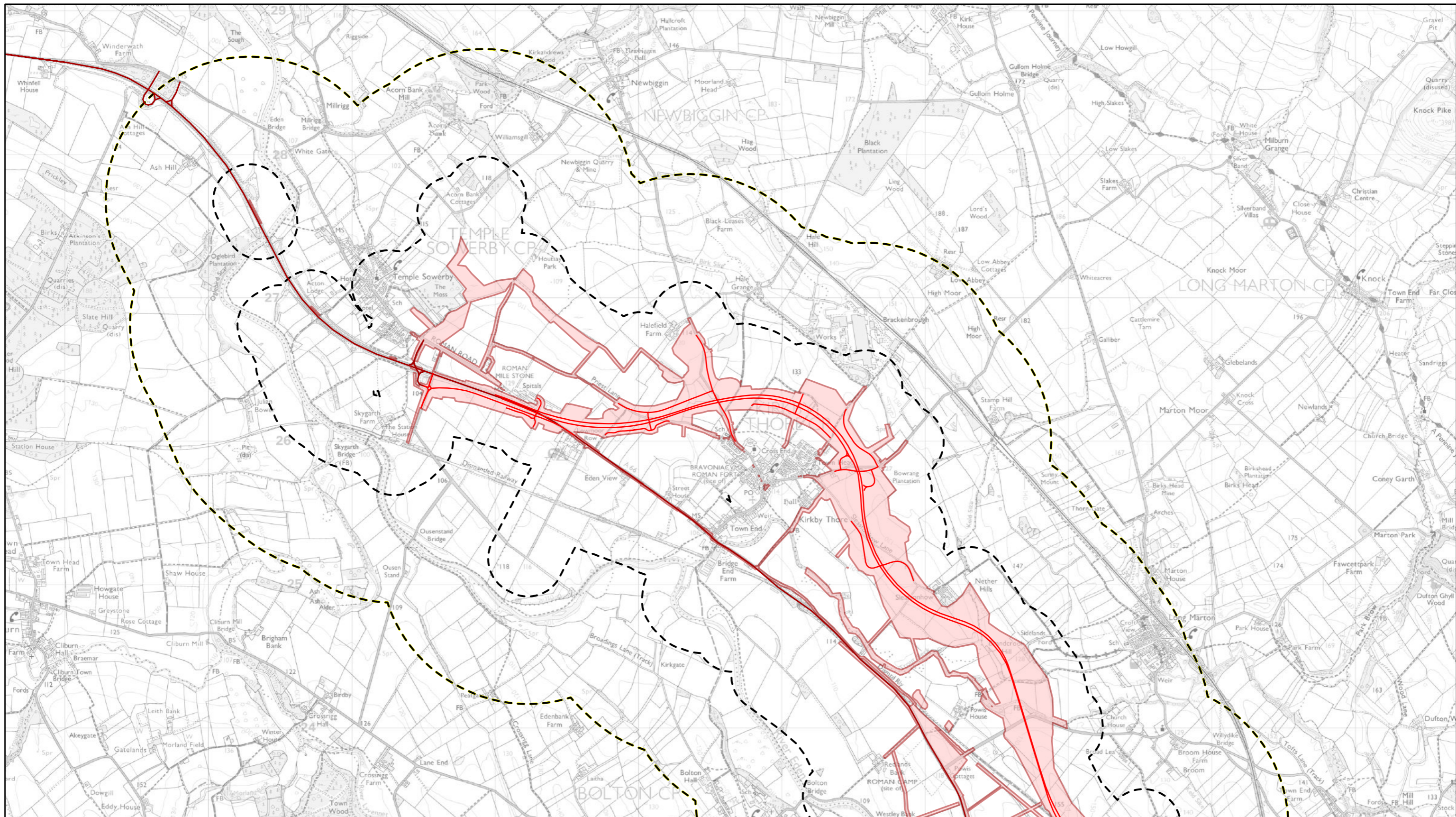


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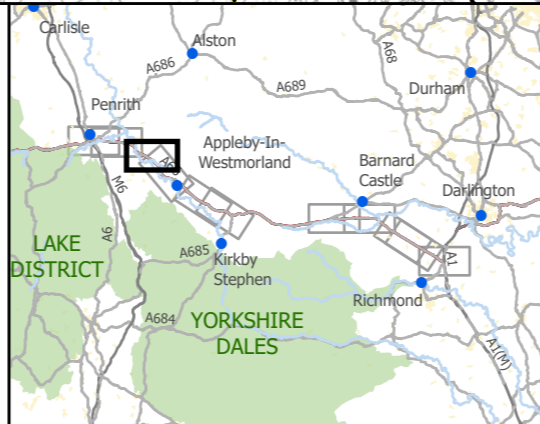
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 6 of 19			
Temple Sowerby to Appleby Orange Alternative			
Map Number	Project	Originator	Volume
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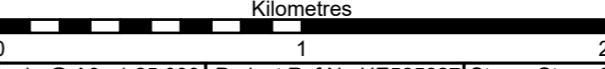


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



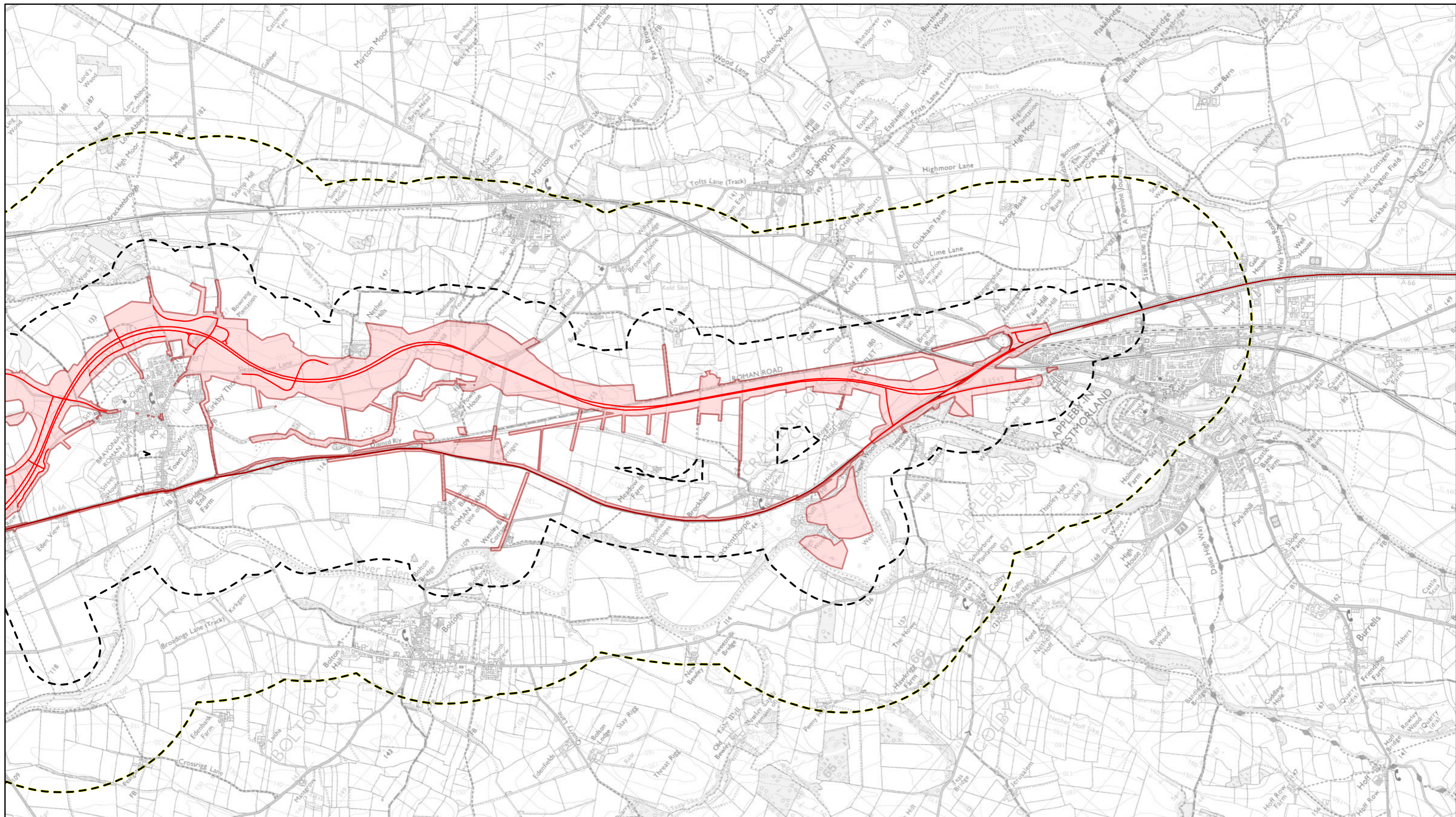
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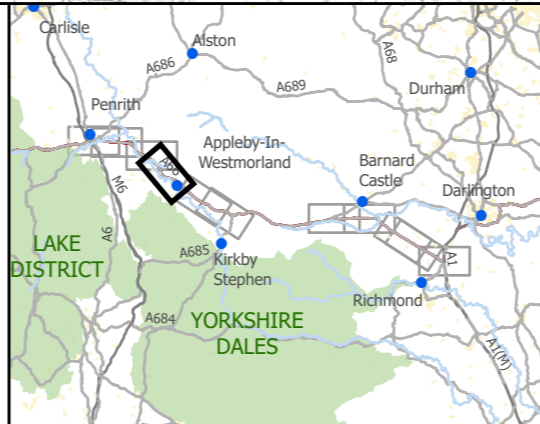
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 7 of 19			
Temple Sowerby to Appleby			
Red Alternative			
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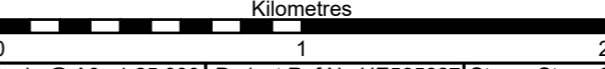


- Scheme Centreline
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- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- - - Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



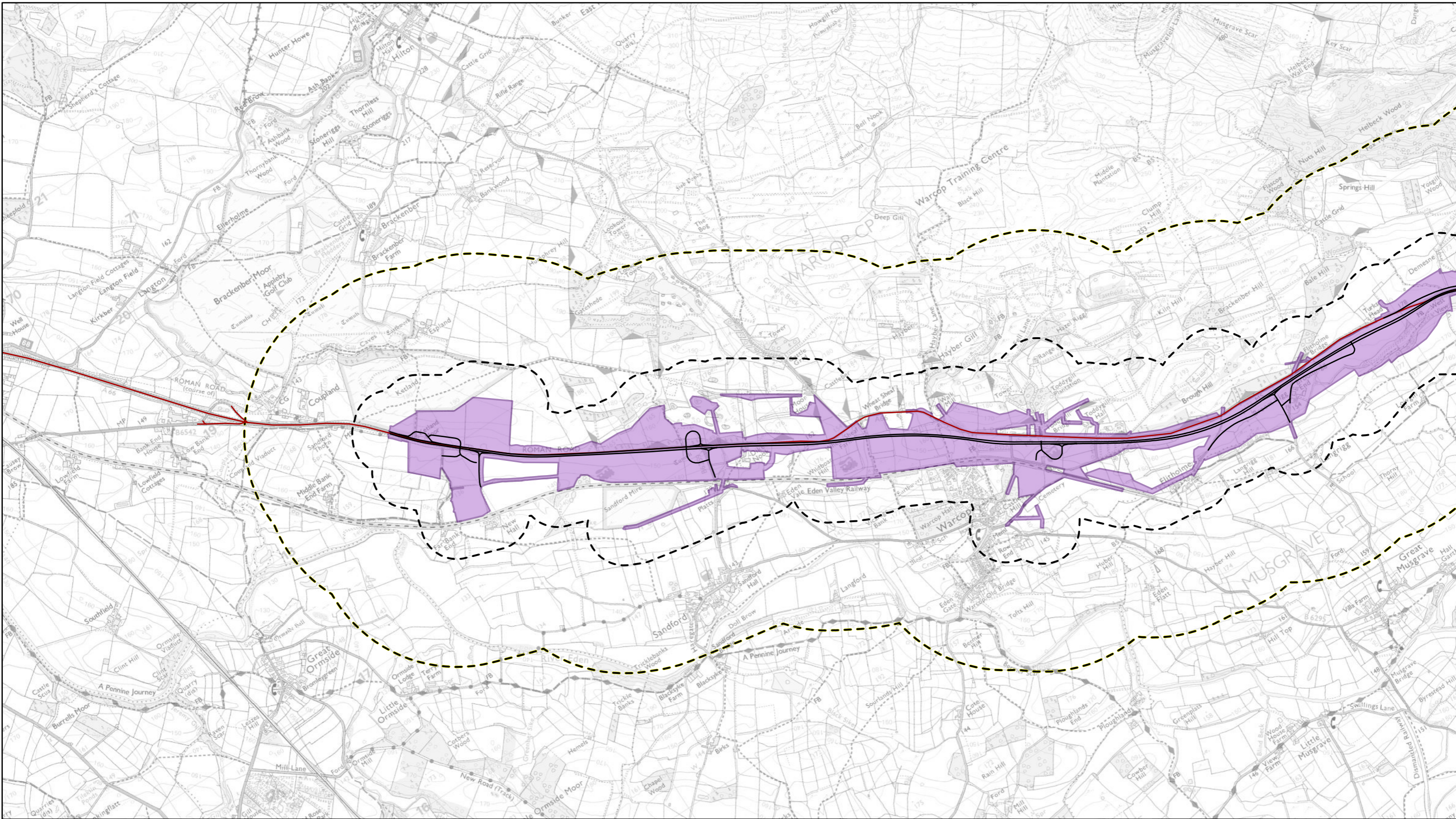
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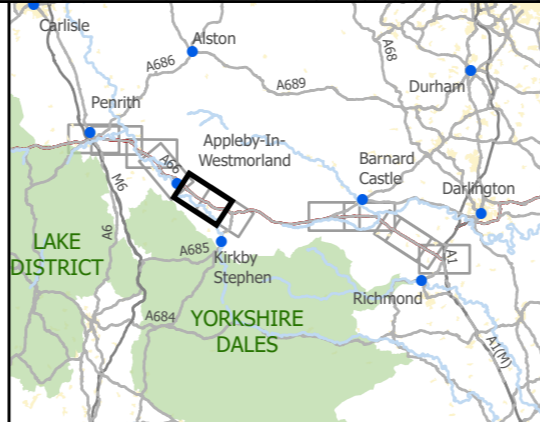
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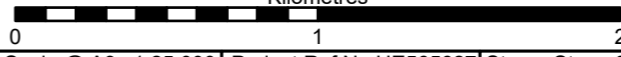
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Map Title Figure 9.1			
Study Area Sheet 8 of 19			
Temple Sowerby to Appleby Red Alternative			
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HE565627	S00	AMY	EGT
Location	Type	Role	Number
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Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P01	



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



P01	First Issue				
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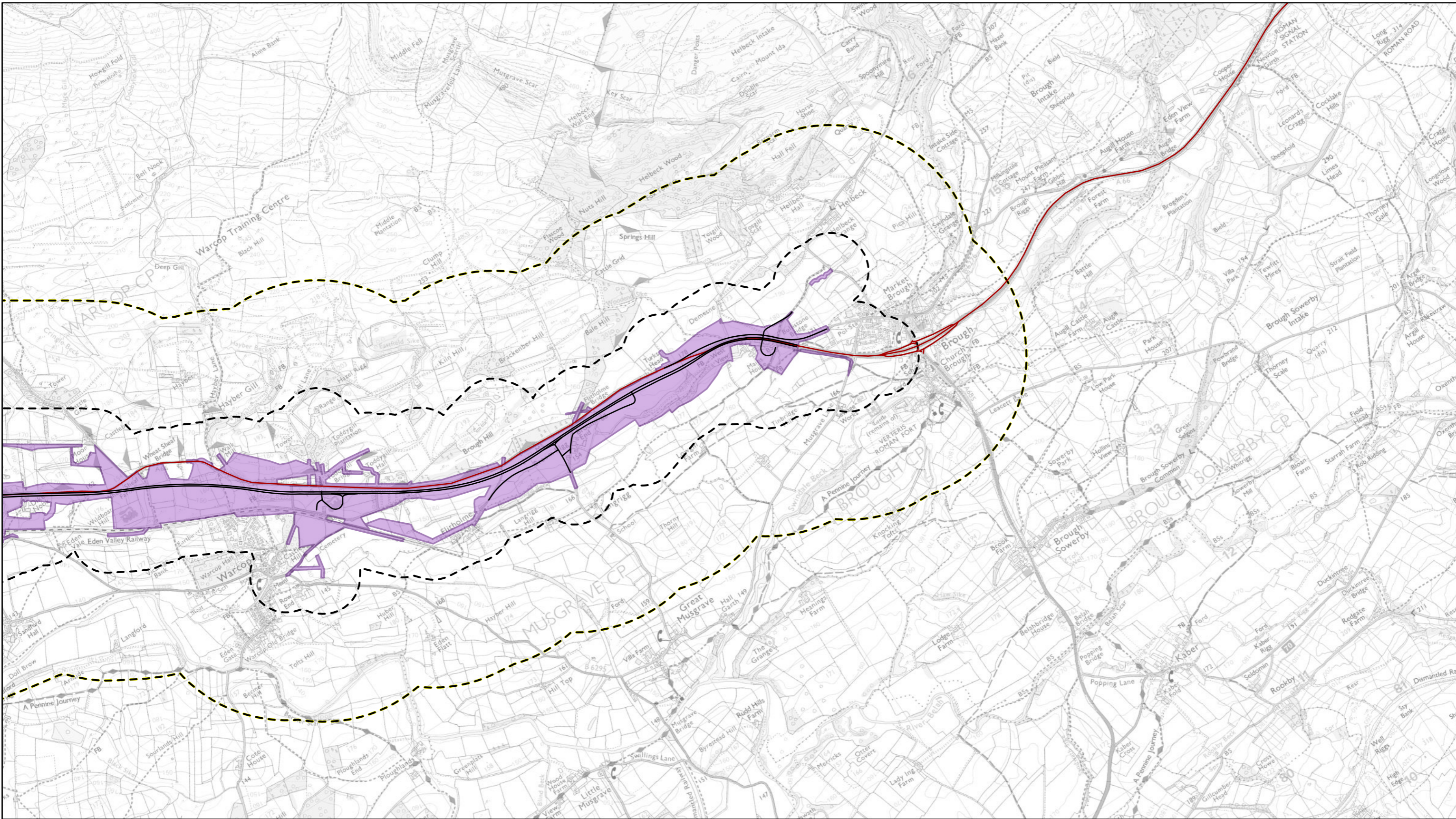
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Project Name
A66 Northern Trans-Pennine

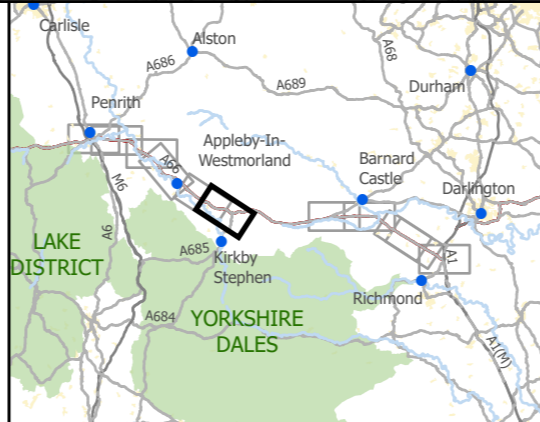
Map Title
 Figure 9.1
 Study Area
 Sheet 9 of 19
 Appley to Brough
Black-Black-Black Alternative

Map Number	Project	Originator	Volume
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S00	-	MP	LG
Location	Type	Role	Number

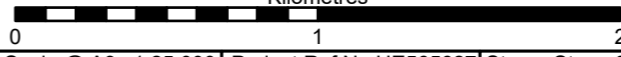
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S4	FIT FOR STAGE APPROVAL	P01



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- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- - - Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



P01	First Issue				
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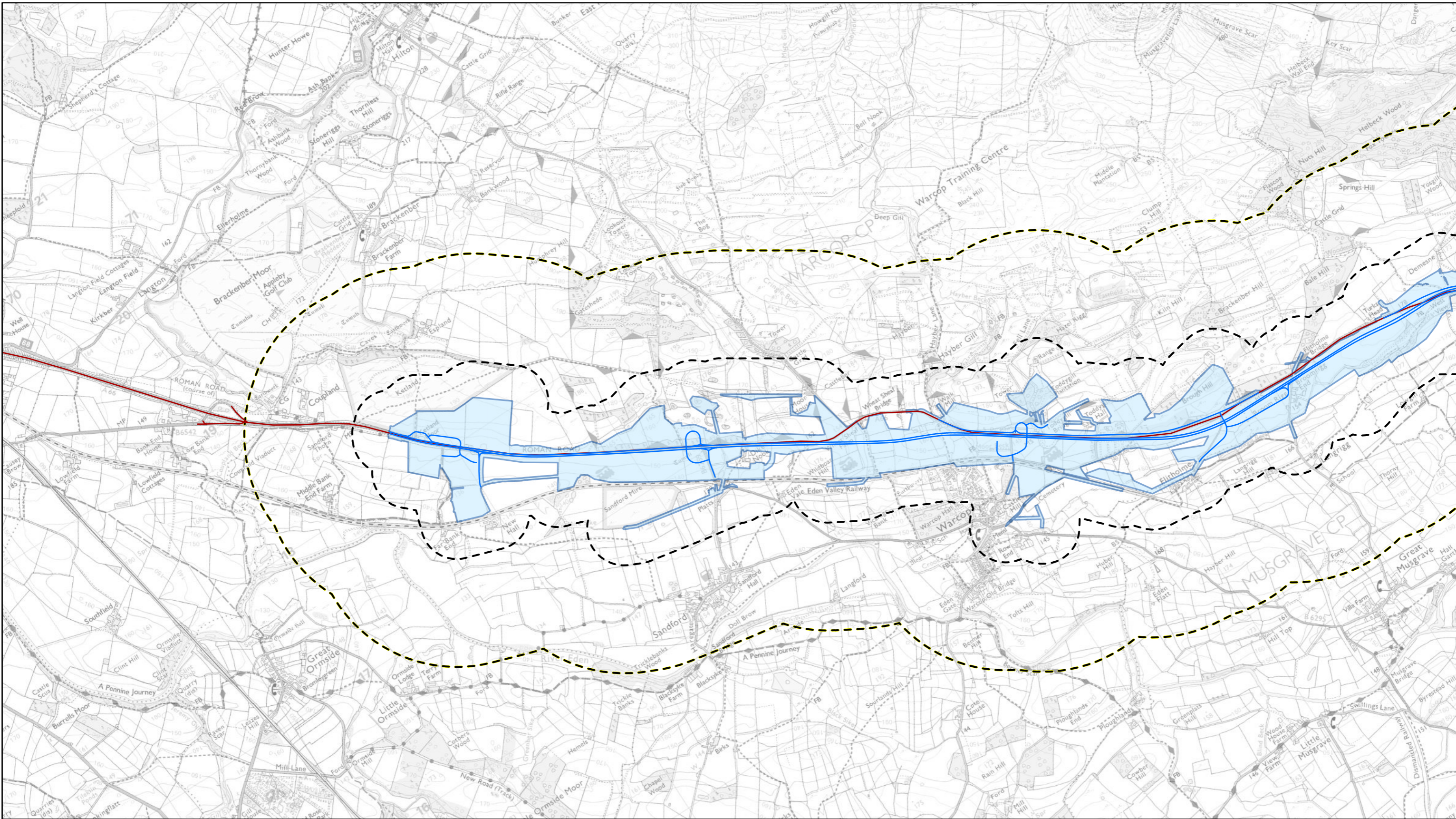
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Project Name
A66 Northern Trans-Pennine

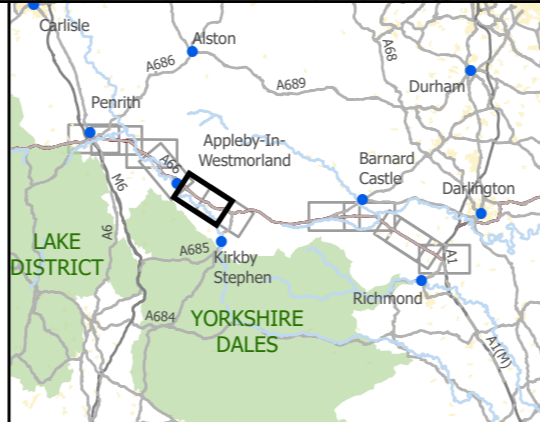
Map Title
Figure 9.1
 Study Area
 Sheet 10 of 19
 Appleby to Brough
Black-Black-Black Alternative

Map Number	Project	Originator	Volume
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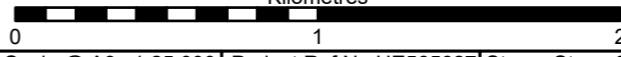
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S4	FIT FOR STAGE APPROVAL	P01



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- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



P01	First Issue				
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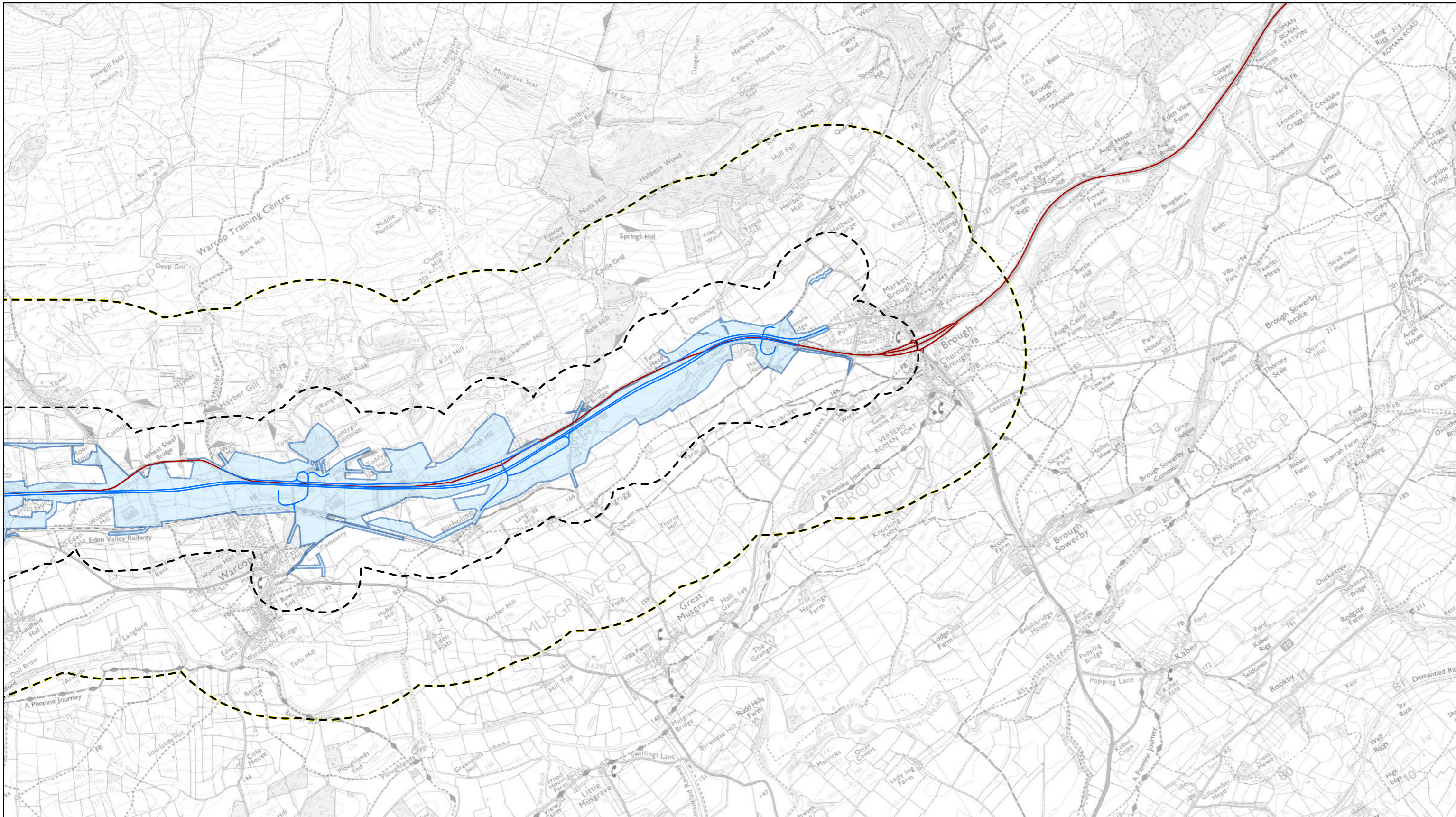
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Project Name
A66 Northern Trans-Pennine

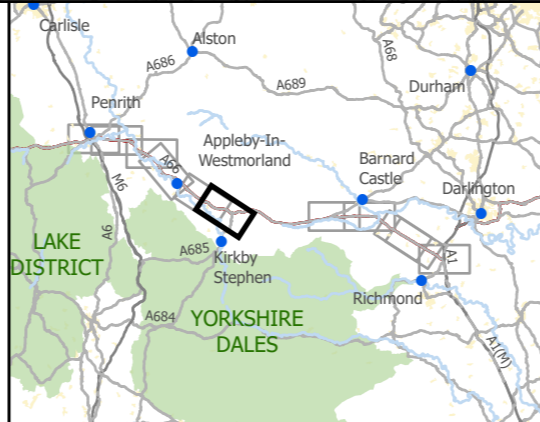
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 Figure 9.1
 Study Area
 Sheet 11 of 19
 Appleby to Brough
 Black-Blue-Black Alternative



Map Number	Project	Originator	Volume
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Suitability	Suitability Description	Revision
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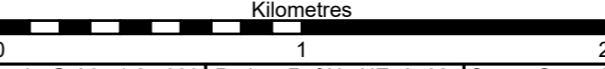


- Scheme Centreline
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 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**



P01	First Issue				
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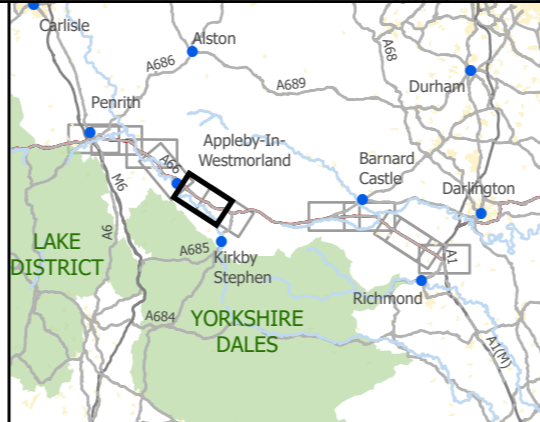
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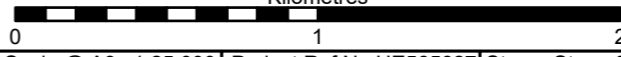
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Study Area Sheet 12 of 19			
Appley to Brough Black-Blue-Black Alternative			
Map Number	Project	Originator	Volume
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S00	-	MP - LG	-
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



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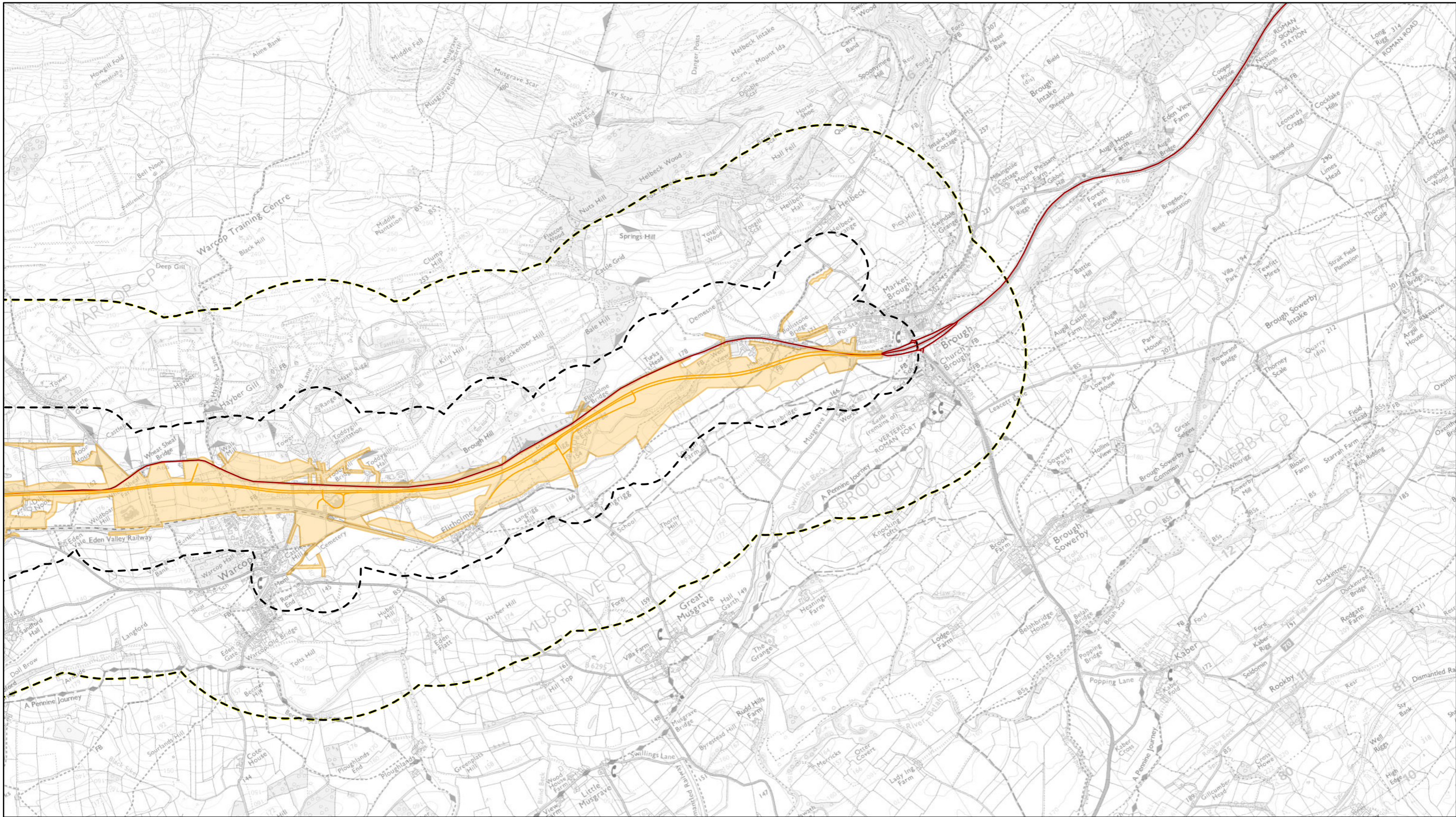
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Project Name
A66 Northern Trans-Pennine

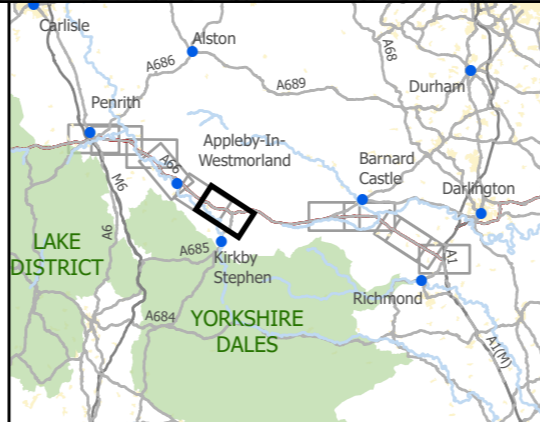
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 Figure 9.1
 Study Area
 Sheet 13 of 19
 Appleby to Brough
 Black-Black-Orange Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP	LG
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
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- Proposed Draft DCO Boundary for the Purpose of Consultation**
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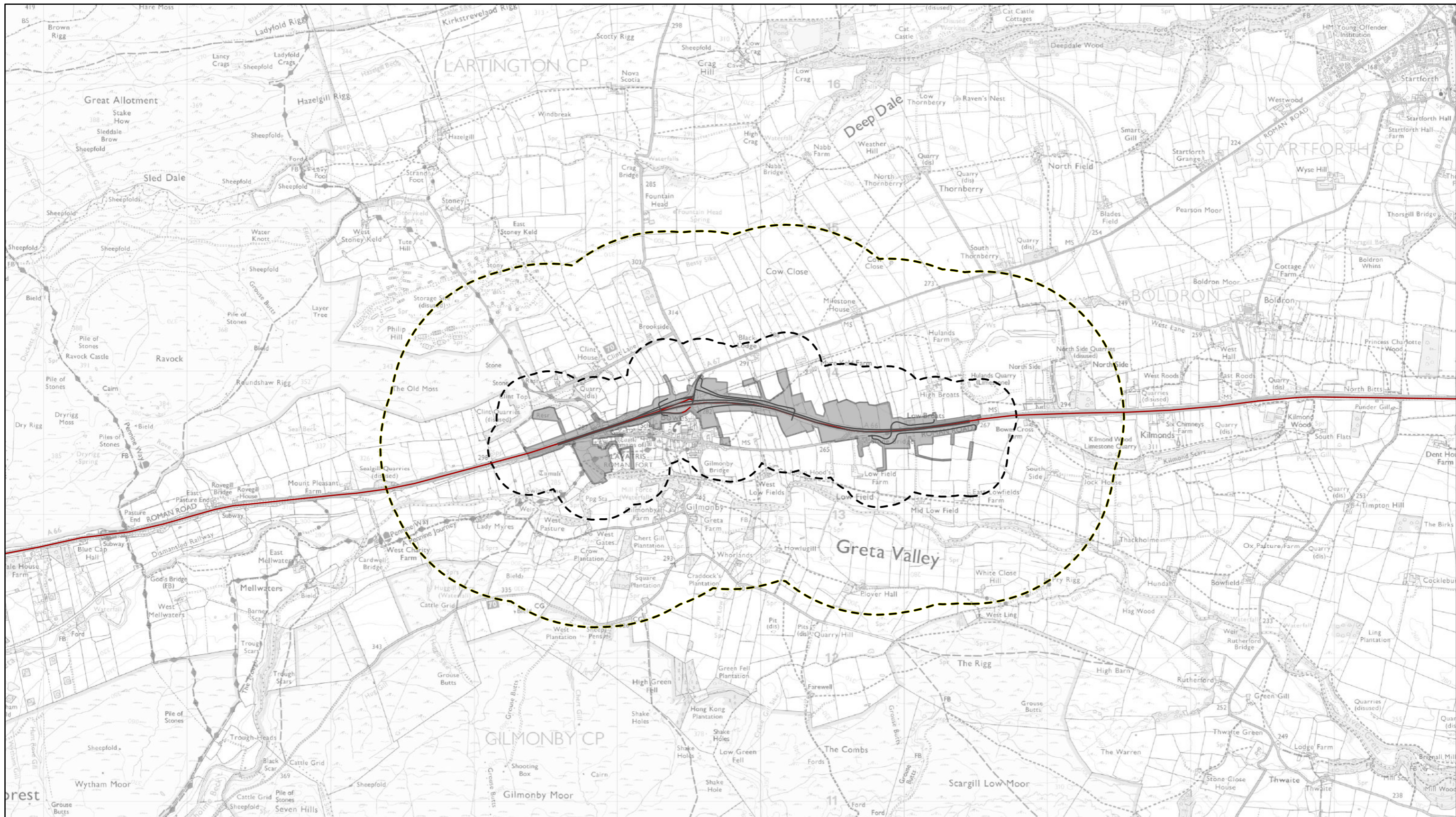


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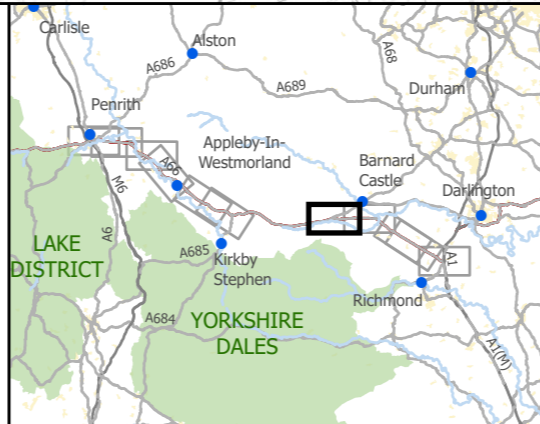
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 14 of 19			
Appley to Brough Black-Black-Orange Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005013
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - Study Area 250m
 - Study Area 1km
 - Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

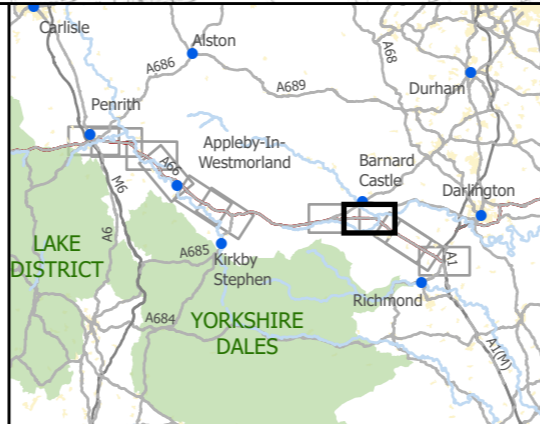
Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3

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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area			
Sheet 15 of 19			
Bowes Bypass			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - Study Area 250m
 - Study Area 1km
 - Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**

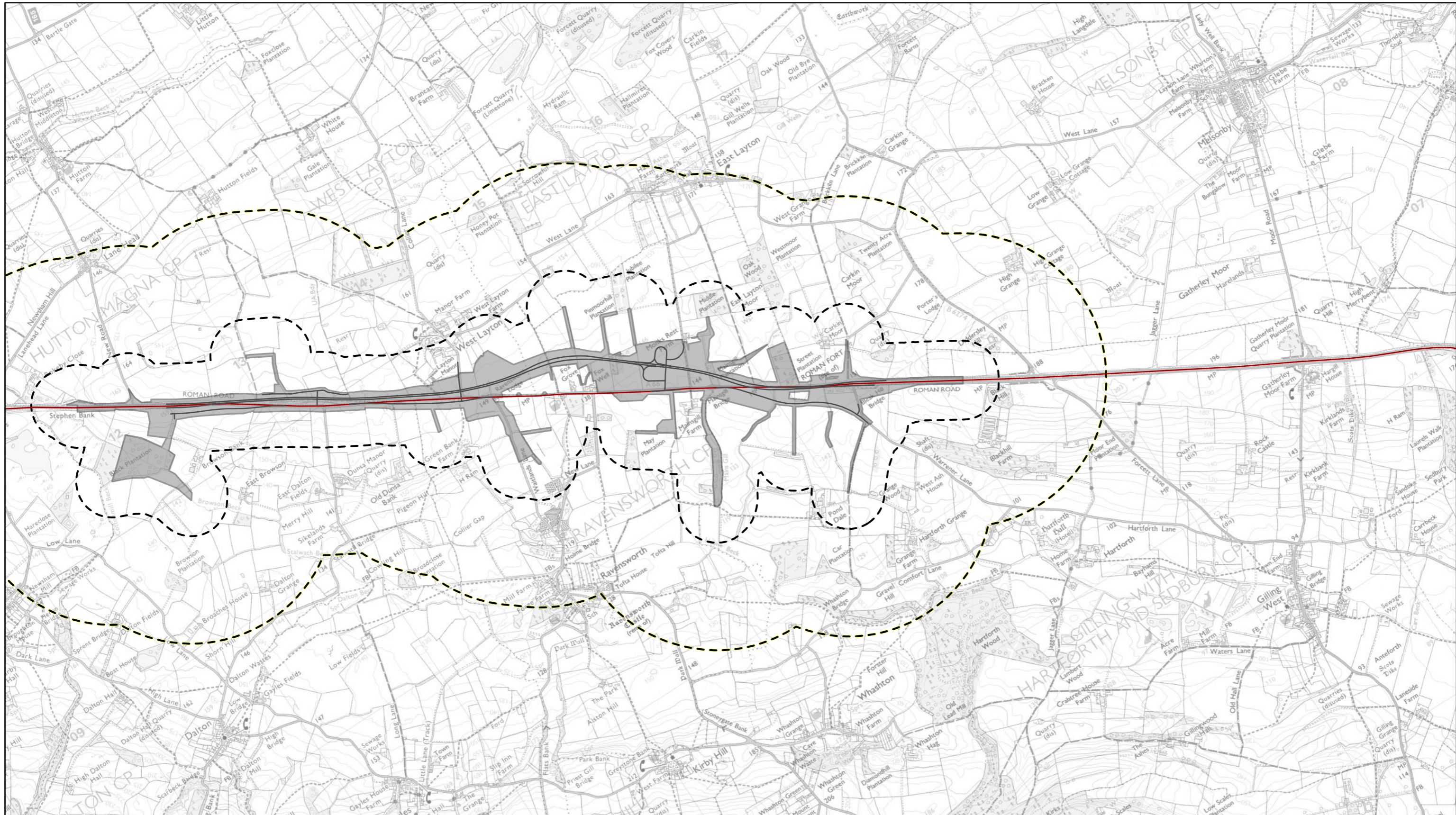


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Revision	Created	Checked	Reviewed	Approved	Authorised

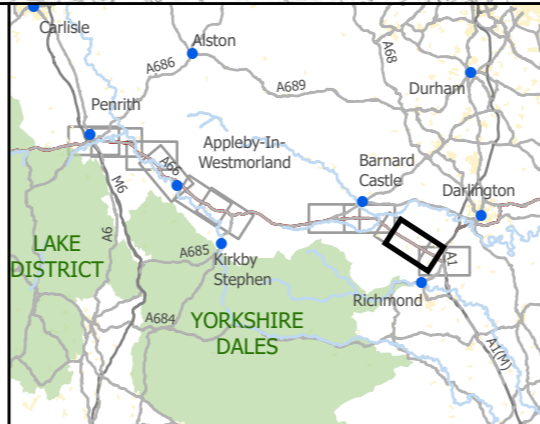
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 16 of 19			
Cross Lanes to Rokey			
All Alternatives			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - Study Area 250m
 - Study Area 1km
 - Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**

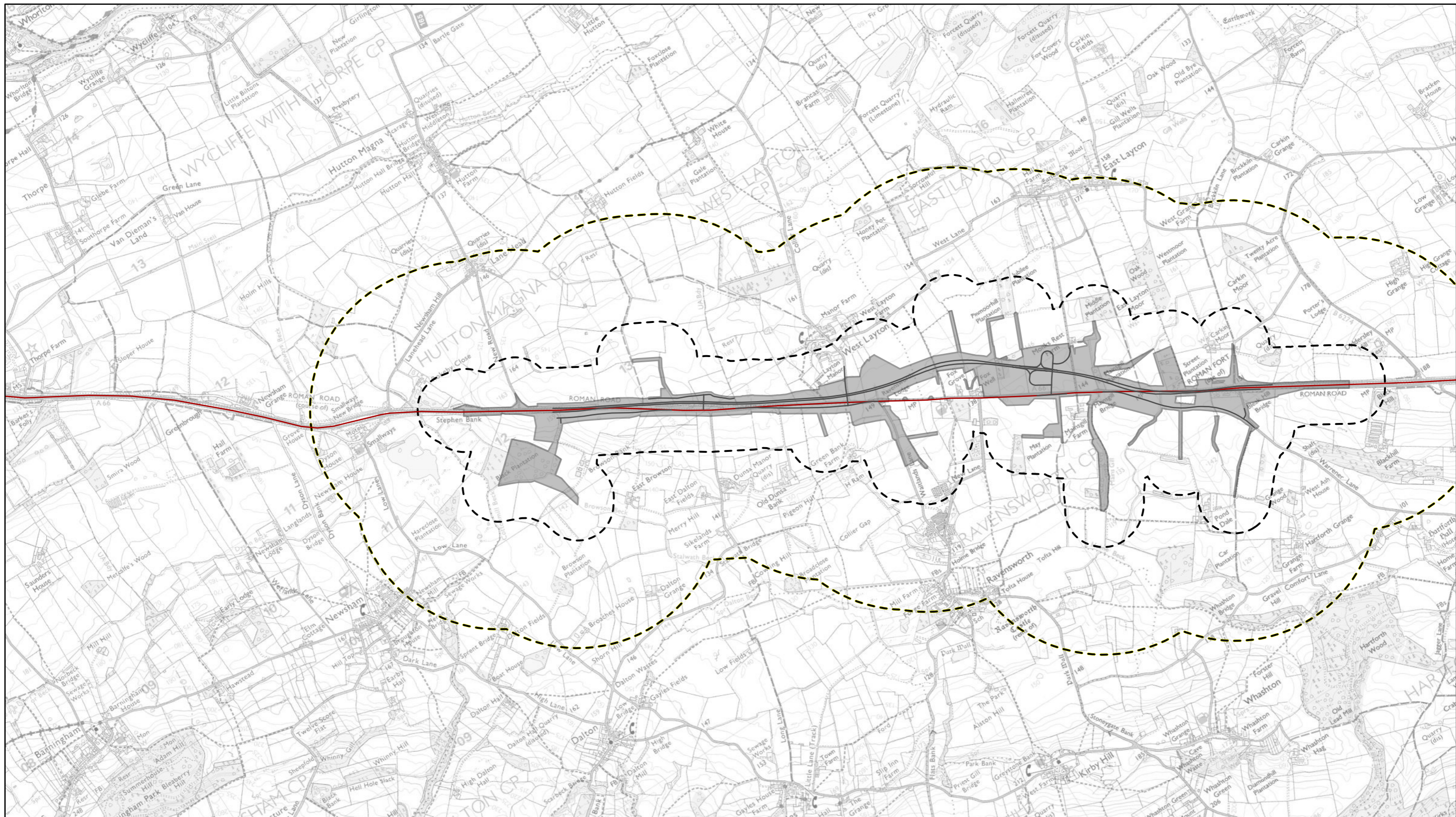


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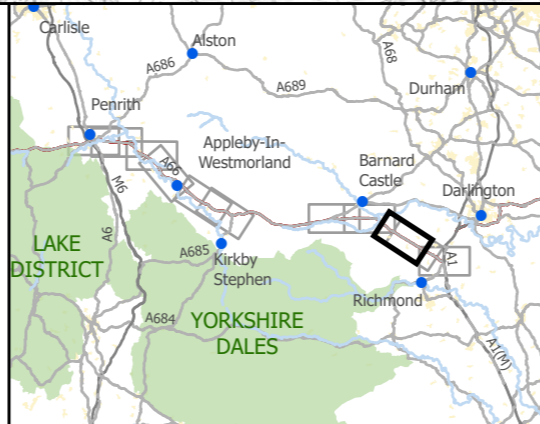
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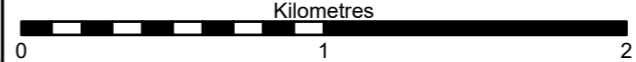
Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 17 of 19			
Stephen Bank to Carkin Moor			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL	MP - LG	005016
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P01	



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- Study Area 1km
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



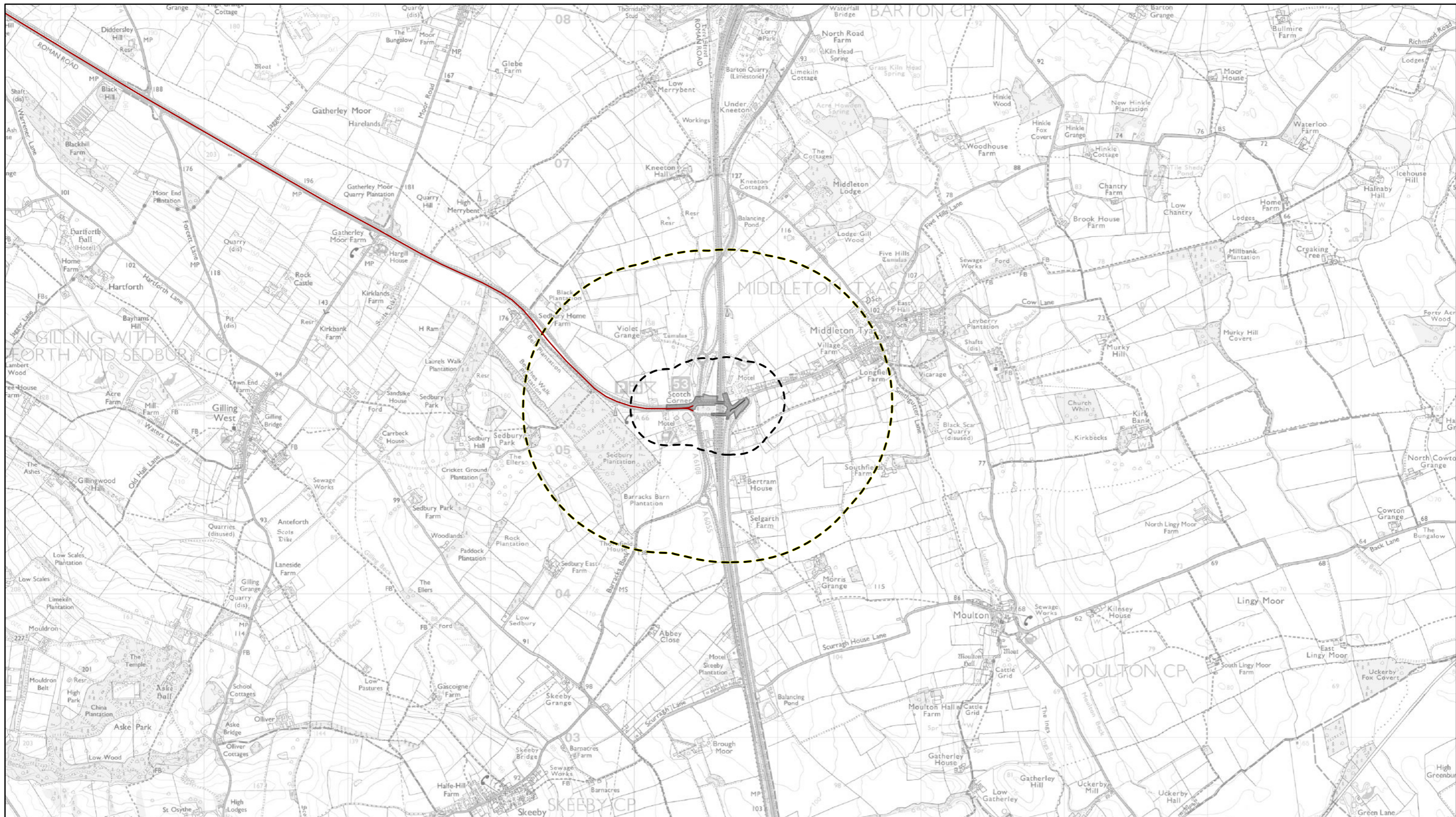
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Project Name
A66 Northern Trans-Pennine

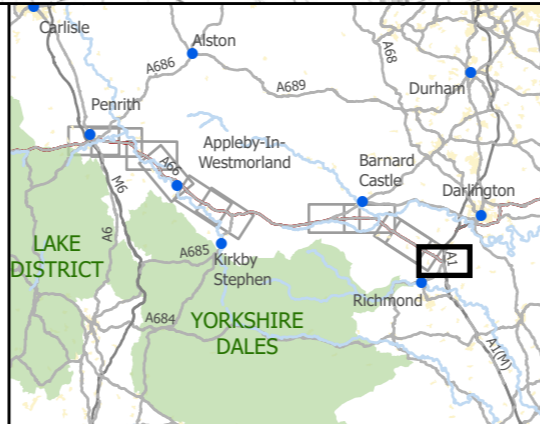
Map Title
 Figure 9.1
 Study Area
 Sheet 18 of 19
 Stephen Bank to Carkin Moor
 Scheme Centreline



Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
	MP	LG	005017

Suitability	Suitability Description	Revision
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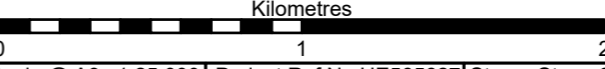


- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - Study Area 250m
 - Study Area 1km
 - Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
- Proposed Draft DCO Boundary for the Purpose of Consultation**



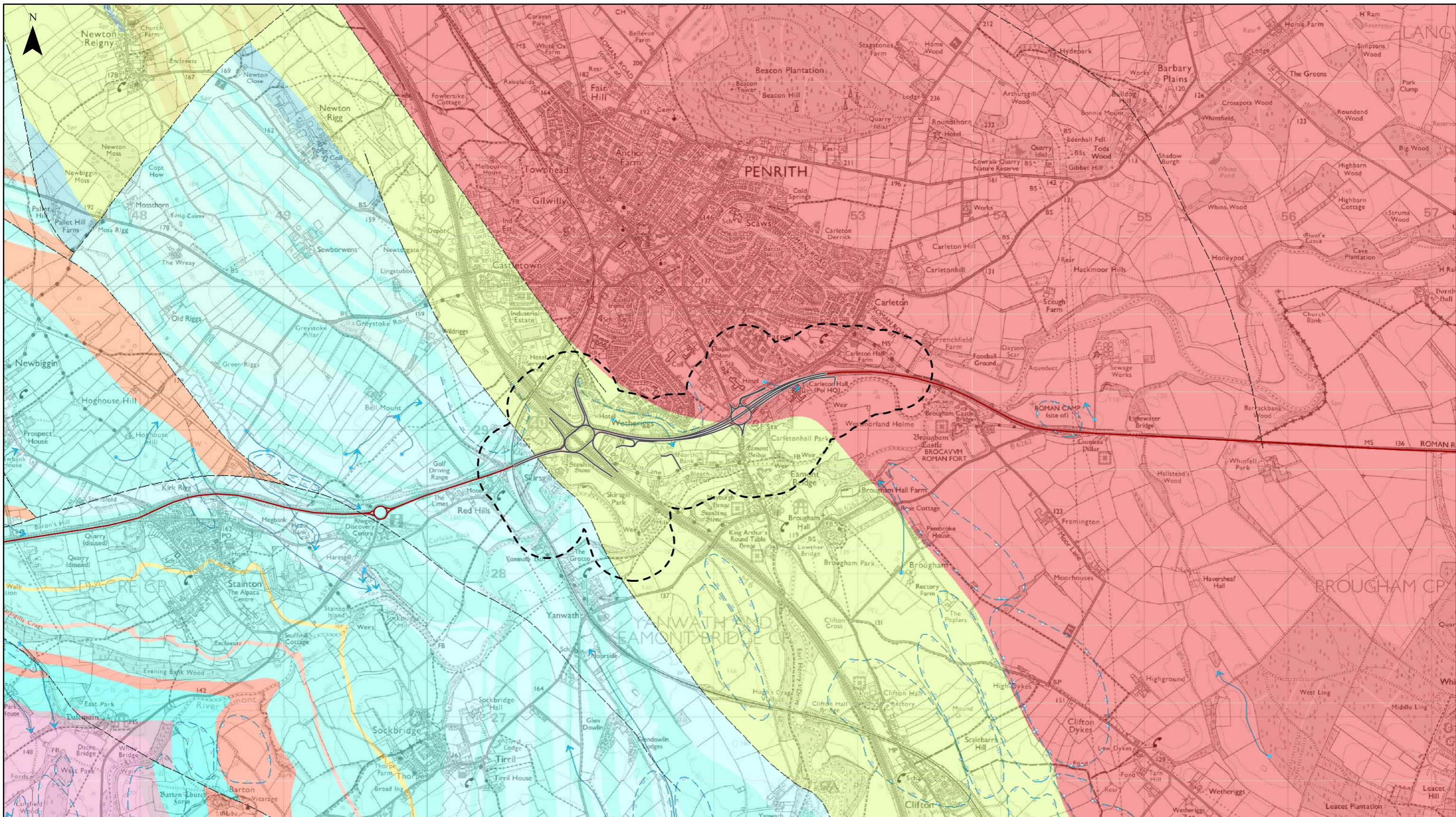
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Revision	Created	Checked	Reviewed	Approved	Authorised



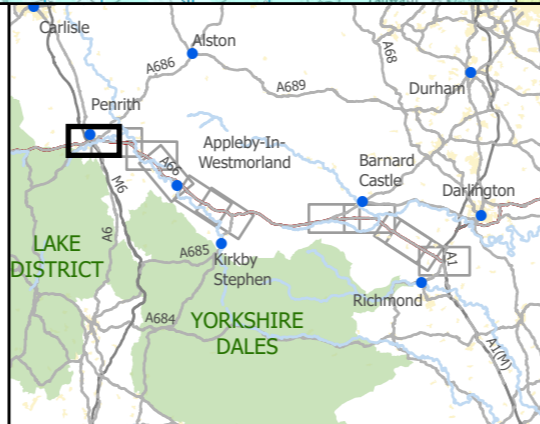
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.1			
Study Area Sheet 19 of 19			
A1(M) Junction 53 Scotch Corner			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005018
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- Glacial Metwater Channel
- Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone
- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone



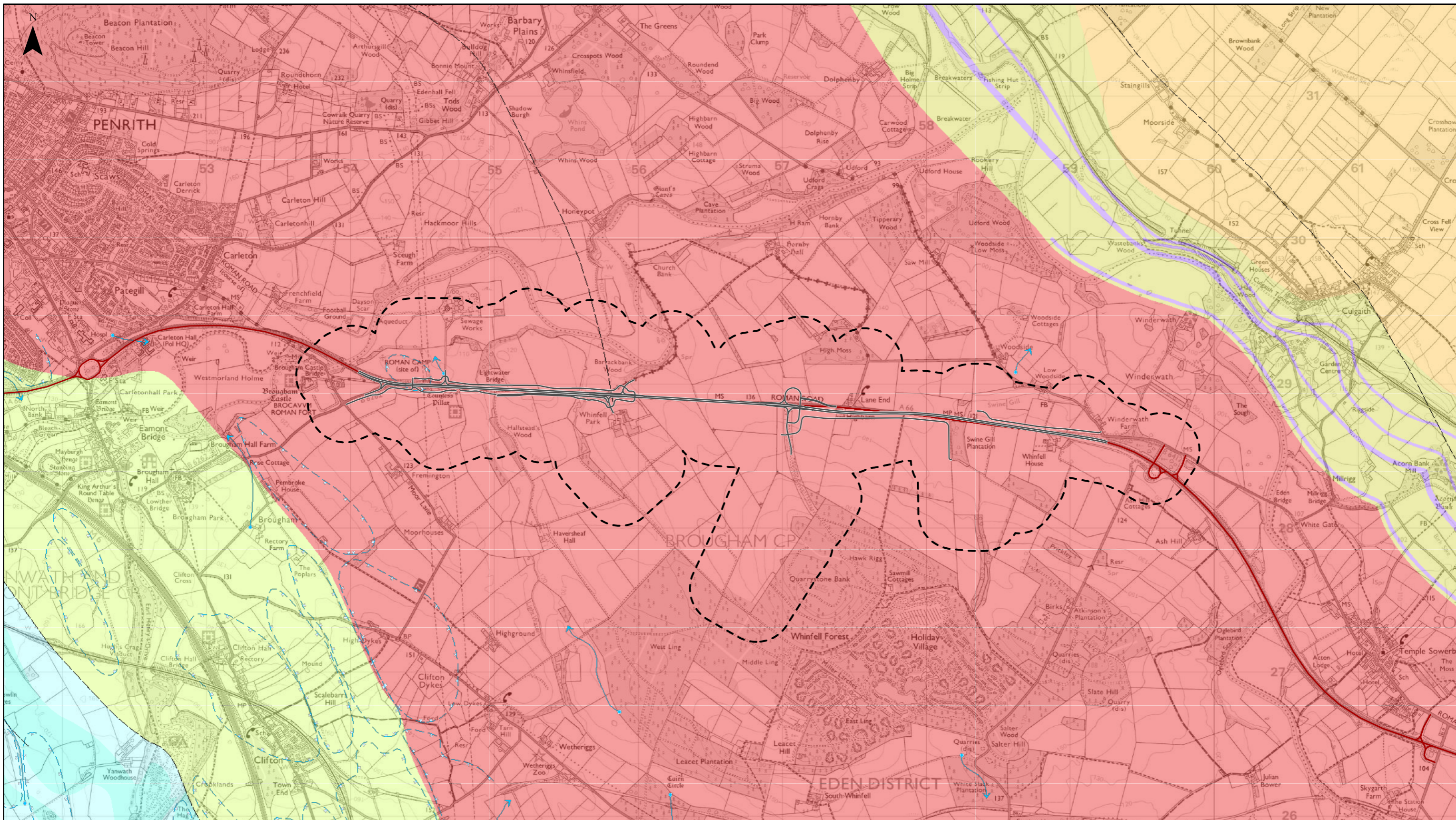
highways england **A66 NTP** Integrated Project Team

P01	First Issue				
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	23/07/21	05/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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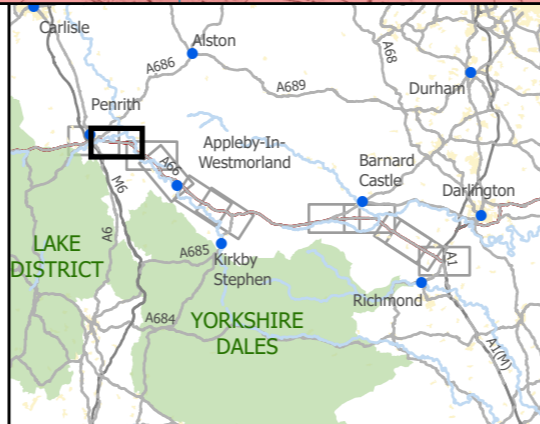
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 1 of 11			
M6 Junction 40 to Kemplay Bank			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	MP	LG	005019
Suitability	Suitability Description		Revision
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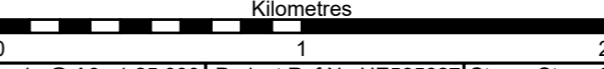
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- Glacial Metwater Channel
- Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone

- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone



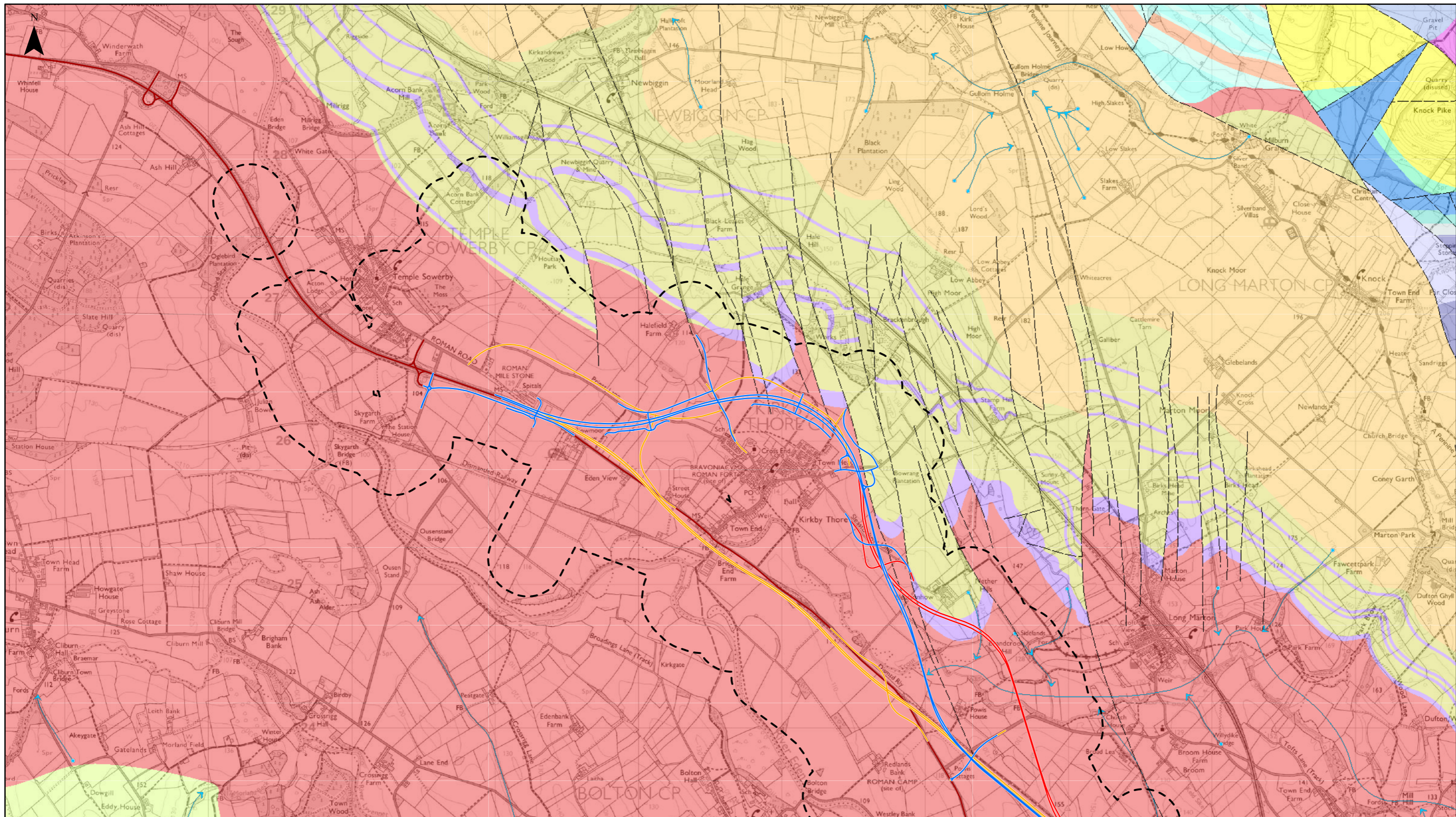
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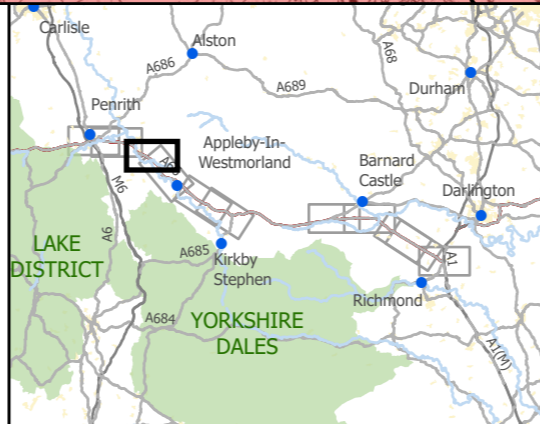
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 2 of 11			
Penrith to Temple Sowerby			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
	MP	LG	005020
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- ◀ Glacial Metwater Channel
- Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone
- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone



highways england **A66 NTP** Integrated Project Team

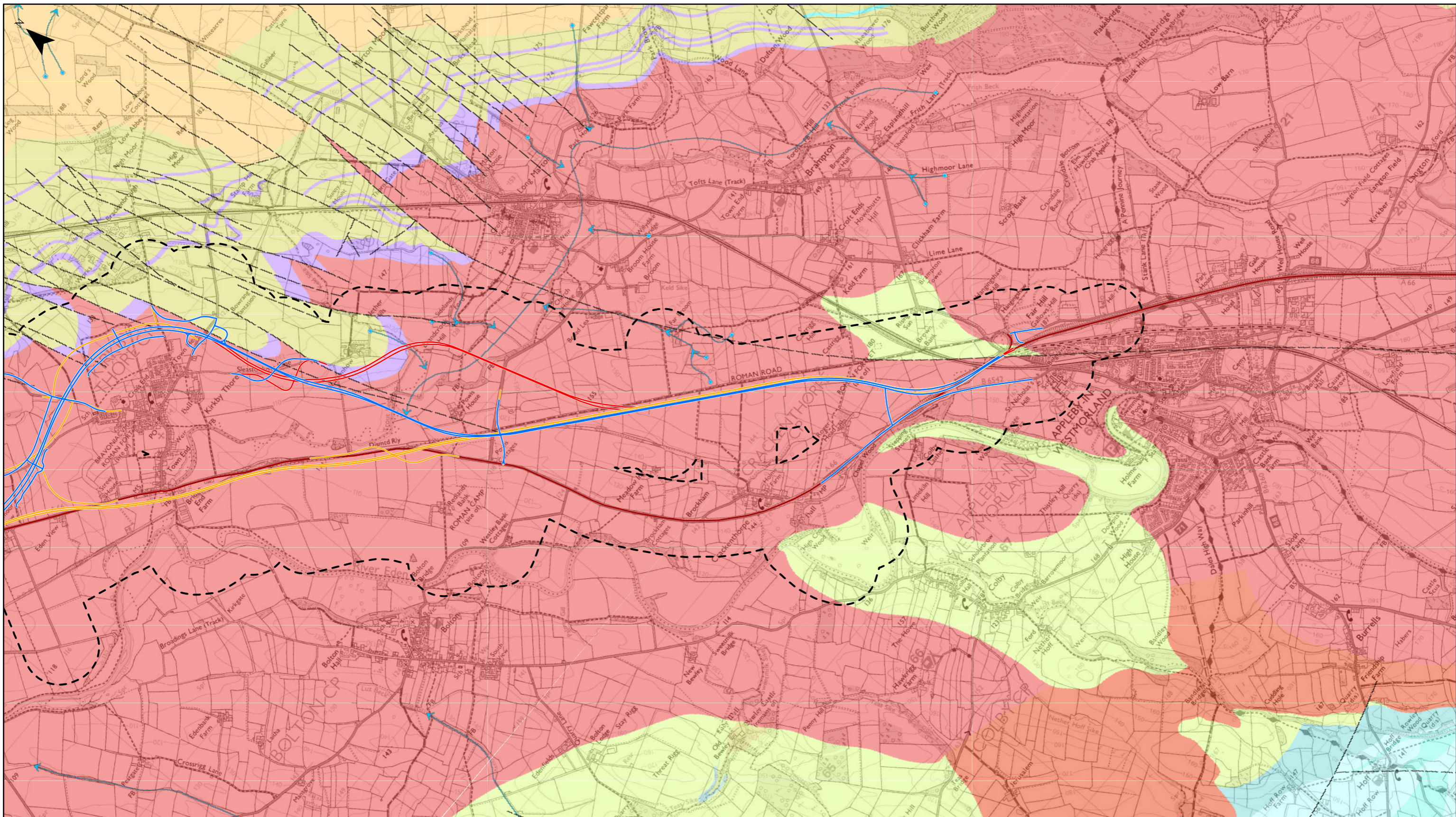
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Revision	Created	Checked	Reviewed	Approved	Authorised

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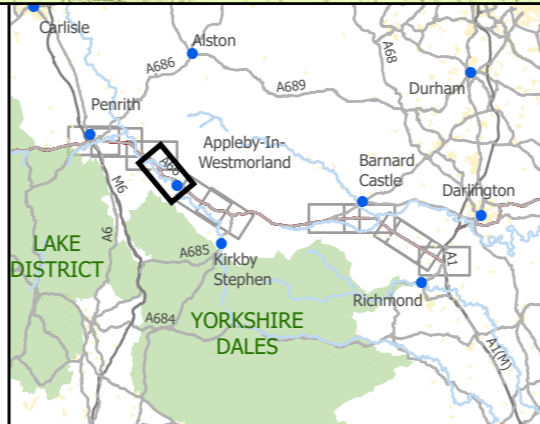
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 3 of 11			
Temple Sowerby to Appleby			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- Glacial Metwater Channel
- - - Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone

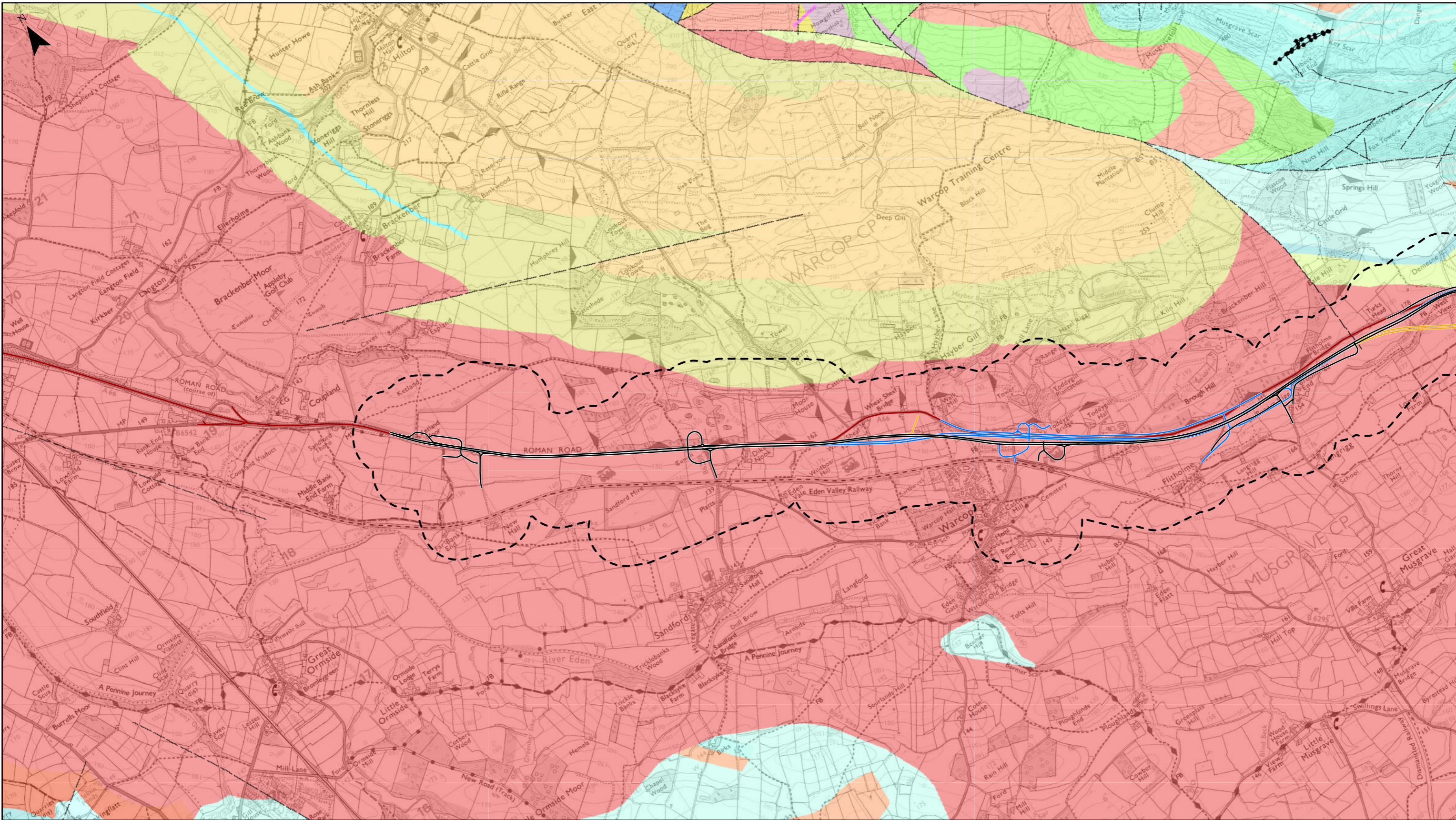


P01	First Issue				
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Kilometres

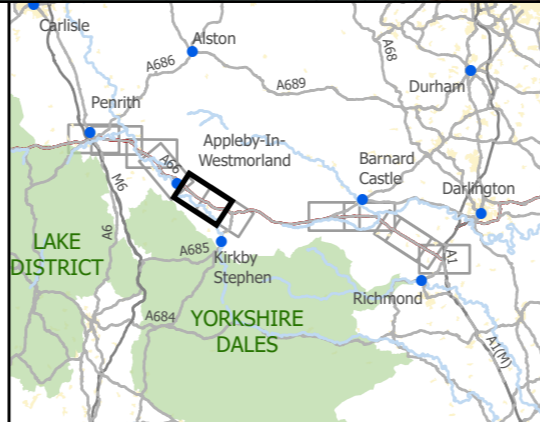
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 4 of 11			
Temple Sowerby to Appleby			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
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Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



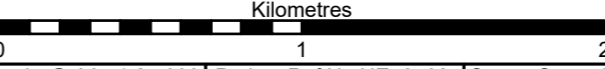
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- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- Glacial Metwater Channel
- Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone

- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone



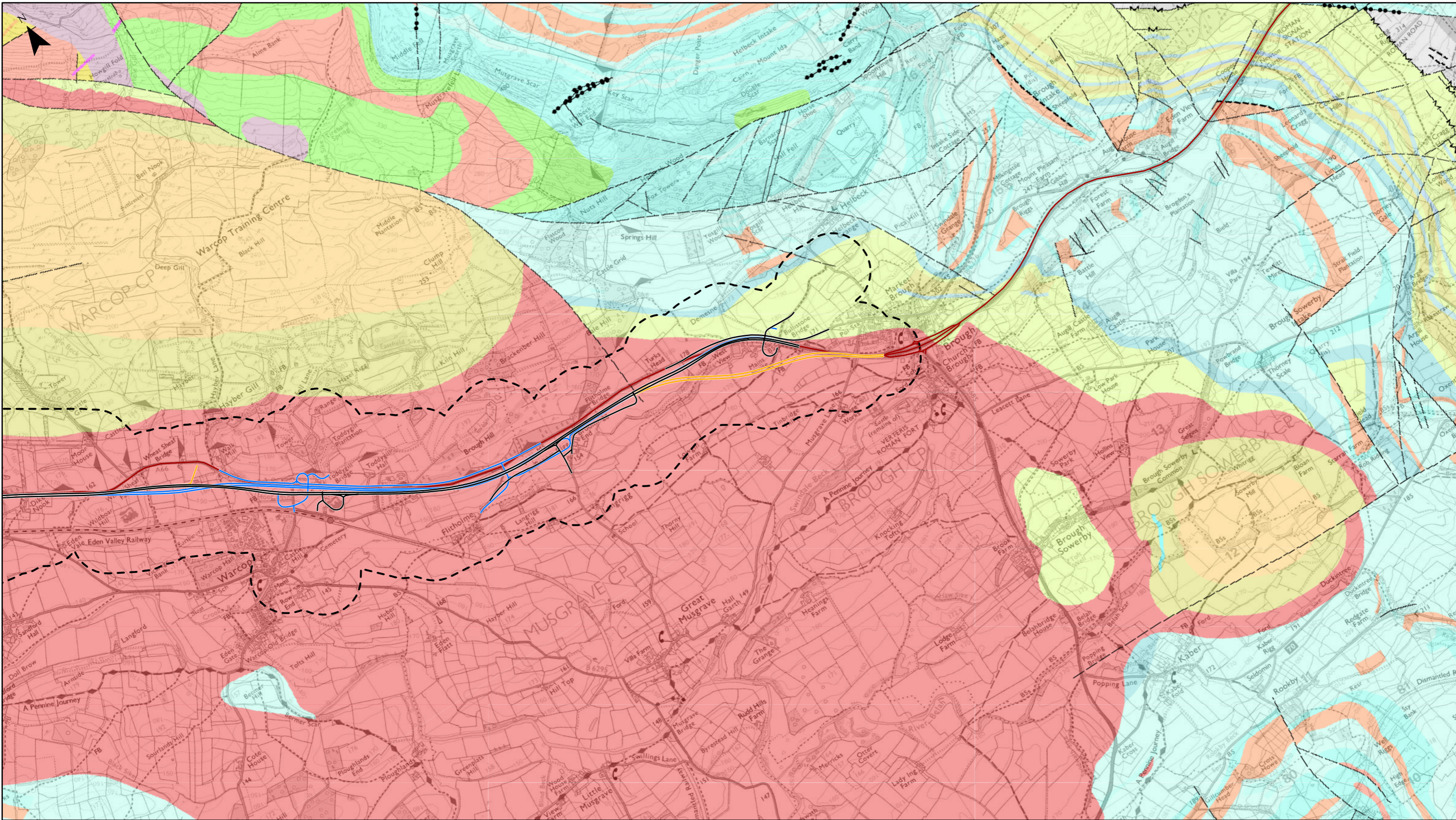
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Revision	Created	Checked	Reviewed	Approved	Authorised



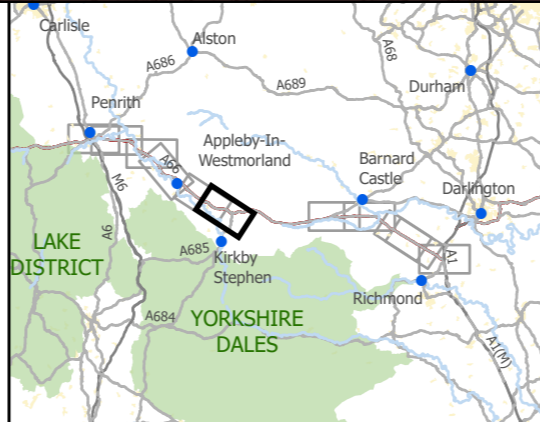
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 5 of 11			
Appleby to Brough			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- ◐ Glacial Metwater Channel
- - - Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone

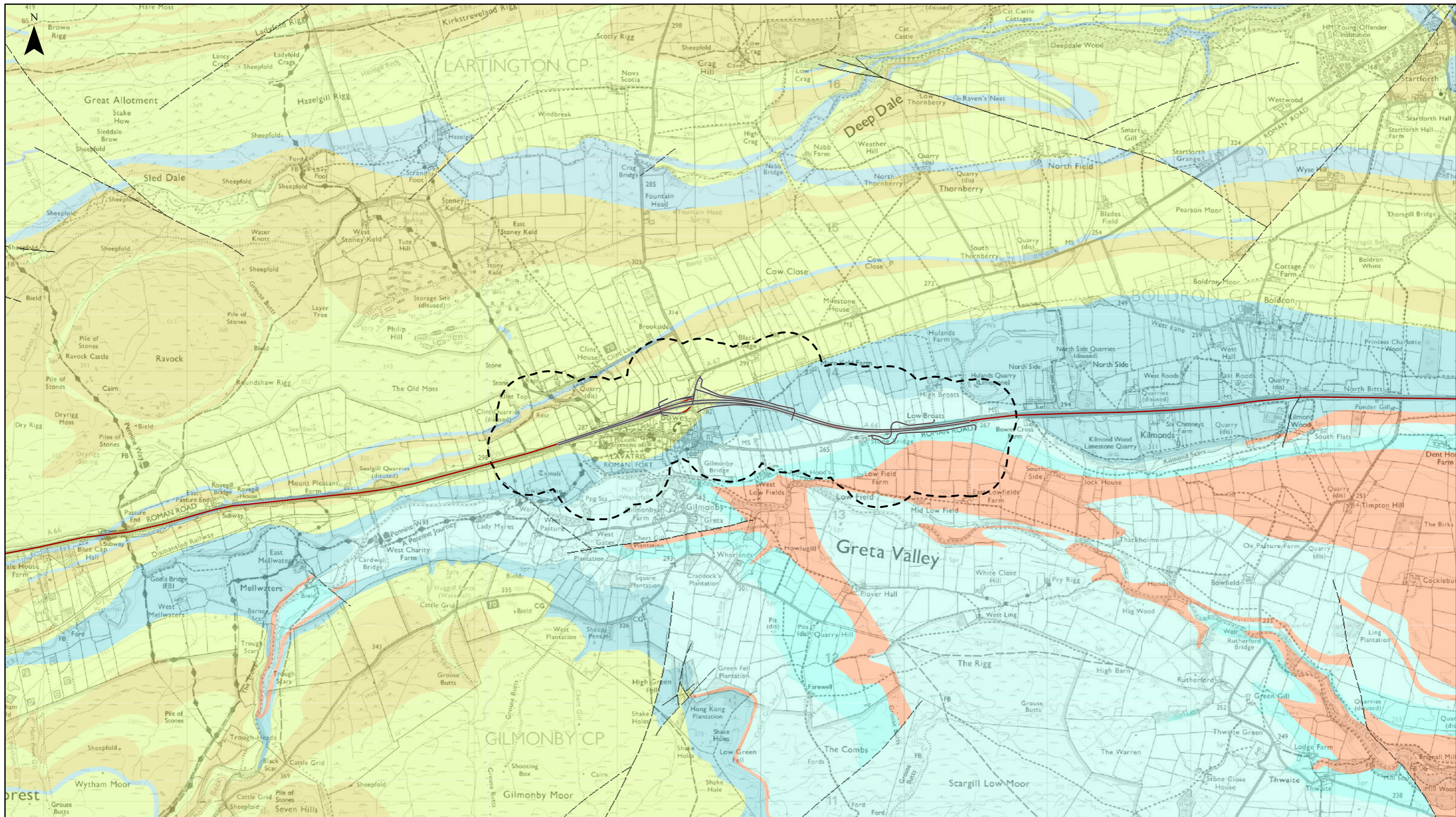


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Revision	Created	Checked	Reviewed	Approved	Authorised

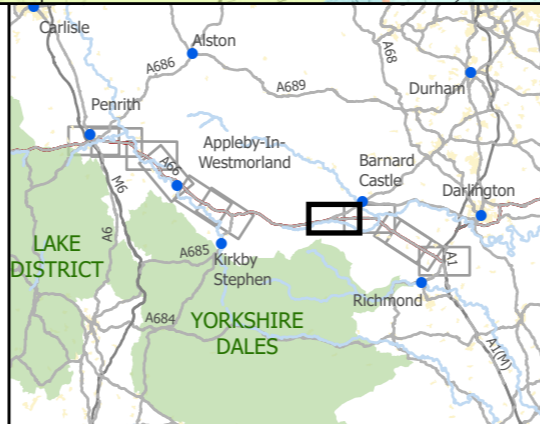
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 6 of 11			
Appleby to Brough			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- ◐ Glacial Metwater Channel
- - - Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone

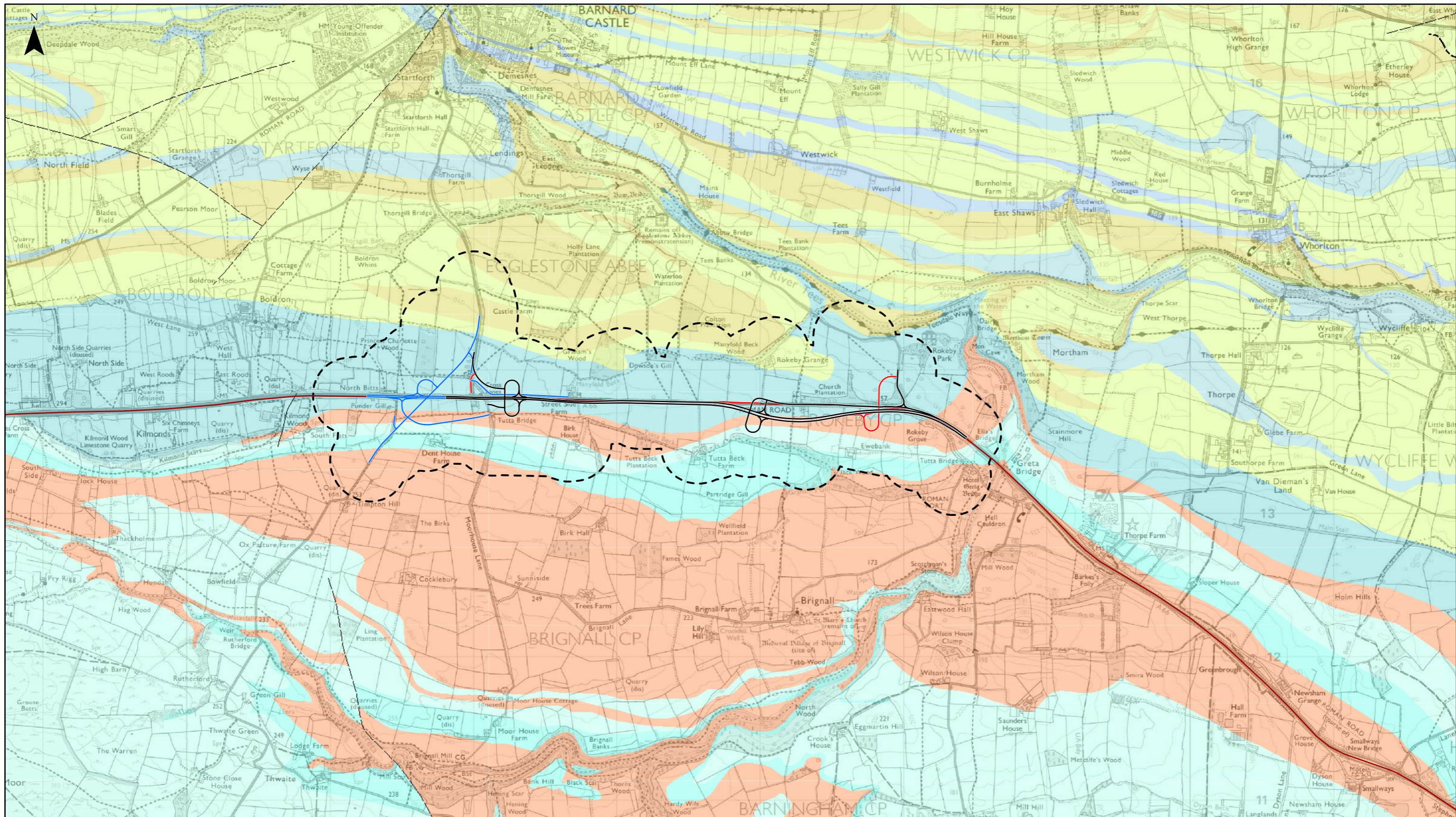


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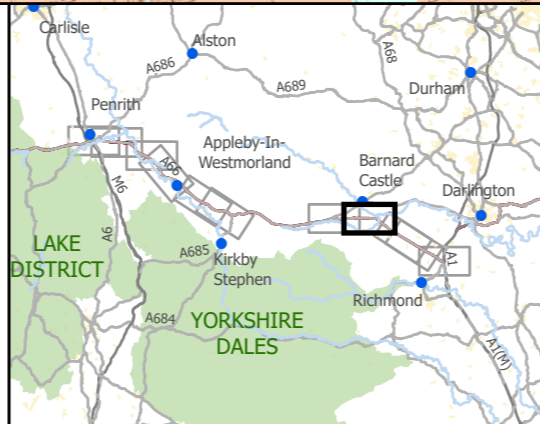
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 7 of 11			
Bowes Bypass			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



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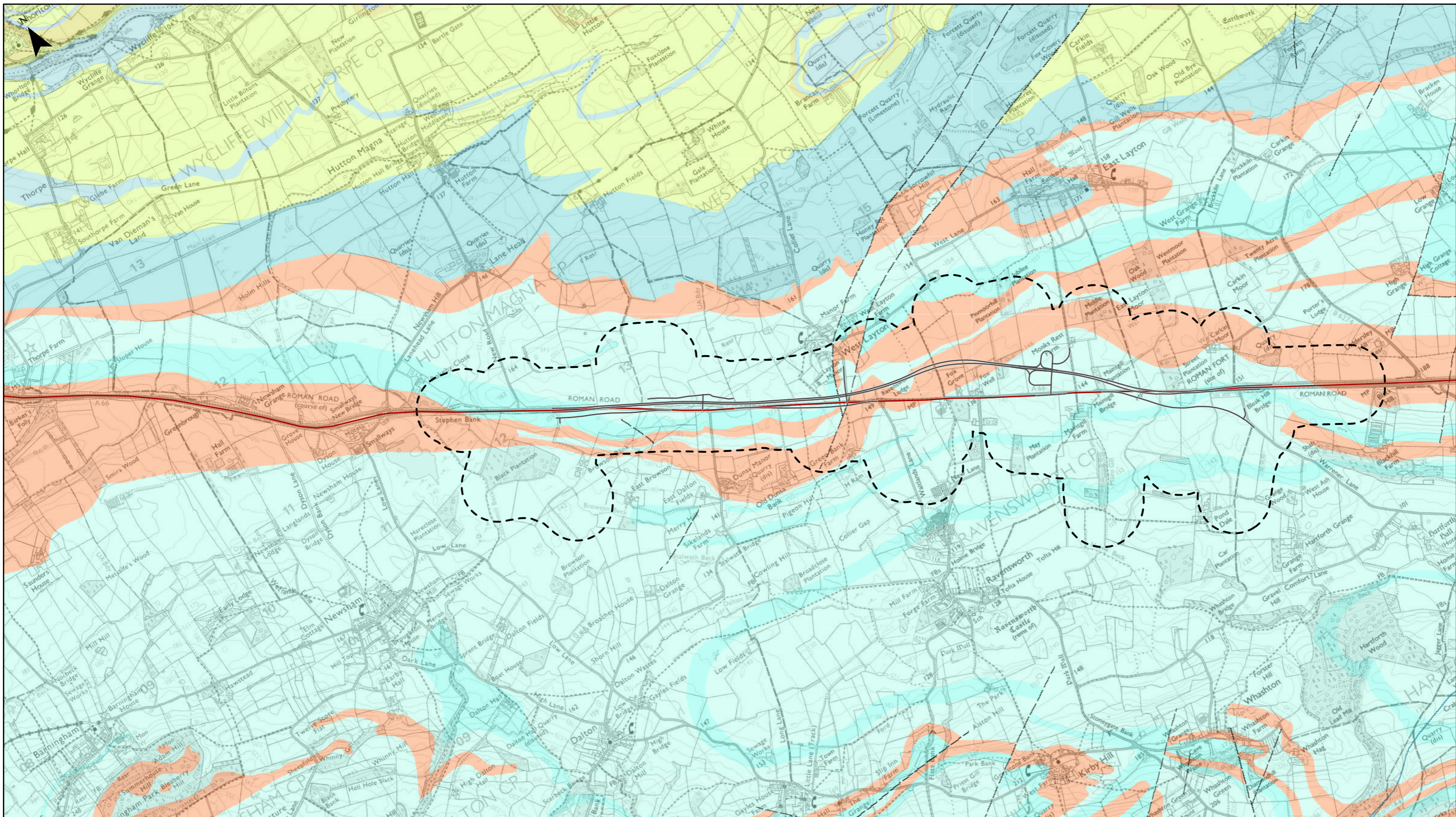


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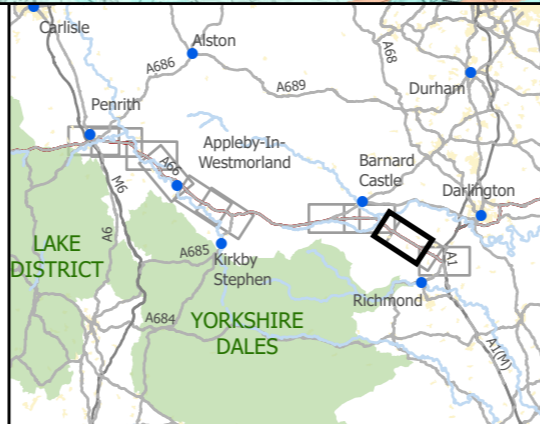
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 8 of 11			
Cross Lanes to Rokeby			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- ◐ Glacial Metwater Channel
- Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Mudstone Sandstone and Siltstone
- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone

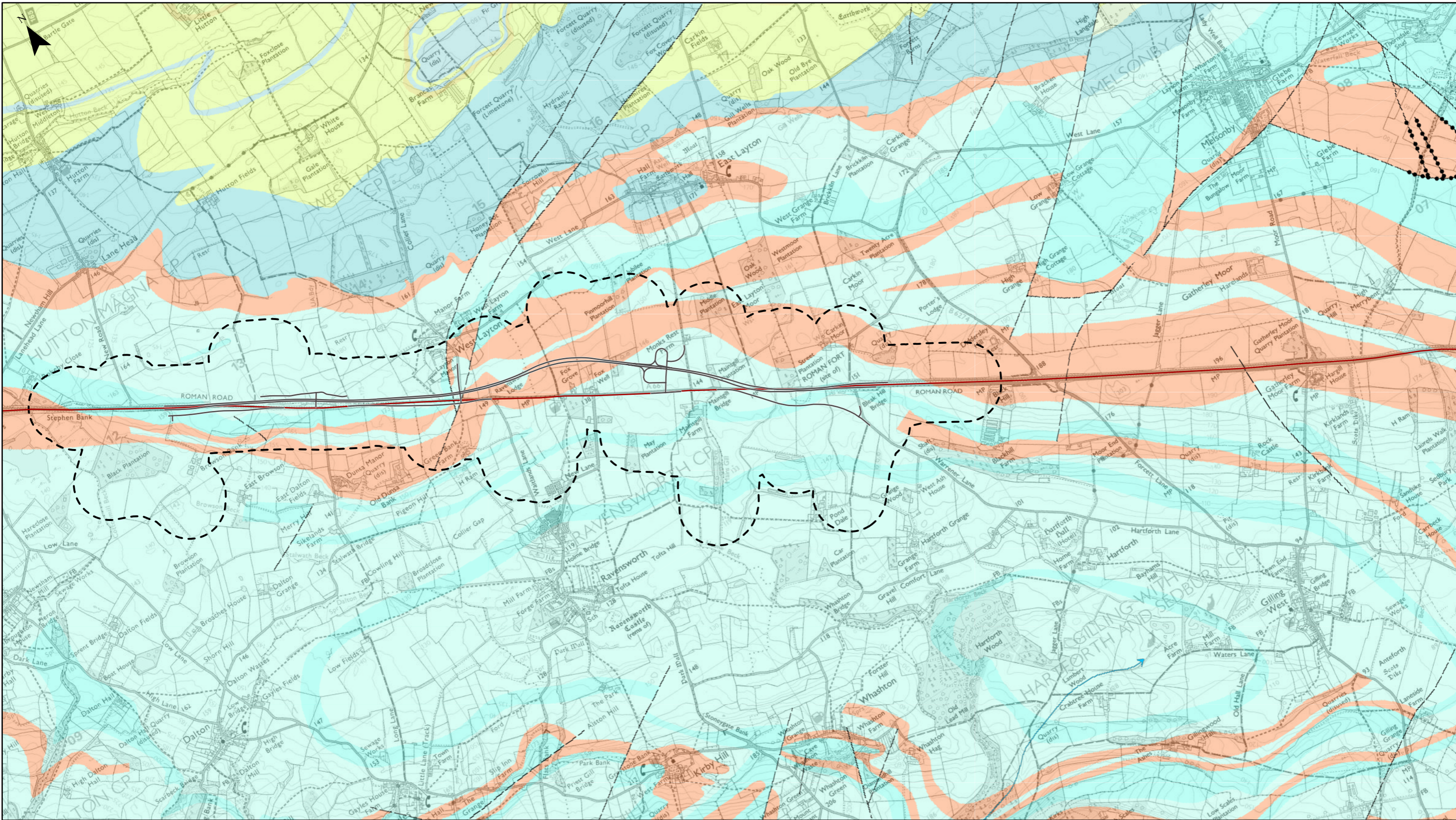


P01	First Issue				
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	23/07/21	05/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3

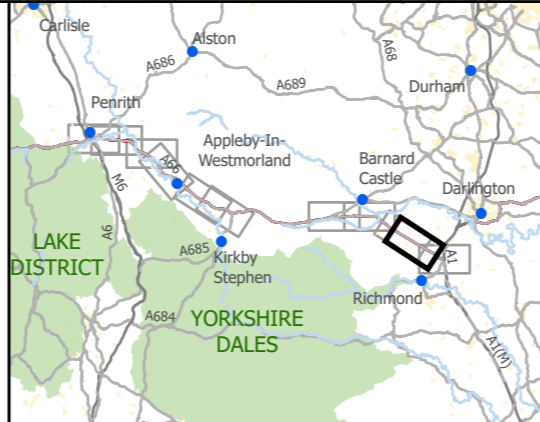
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 9 of 11			
Stephen Bank to Carkin Moor			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [Dashed Box] Study Area 250m
BGS 1:50k Linear Features
 ● Mineral Vein
 ◐ Glacial Metwater Channel
 - - - Fault Unspecified
BGS 1:50k Bedrock
 [Orange Box] Alston Formation - Mudstone Sandstone and Siltstone

[Orange Box] Alston Formation - Sandstone
 [Cyan Box] Belah Dolomite
 [Red Box] Brockram Breccia
 [Purple Box] Crag Limestone
 [Green Box] Eden Shales
 [Yellow Box] Evaporite - Gypsum
 [Light Blue Box] Four Fathom Limestone
 [Dark Blue Box] Great Limestone Member
 [Teal Box] Little Limestone
 [Dark Red Box] Penrith Sandstone
 [Brown Box] St Bees Sandstone Member
 [Light Green Box] Stainmore Formation - Mudstone, Siltstone and Sandstone
 [Light Cyan Box] Three Yard Limestone



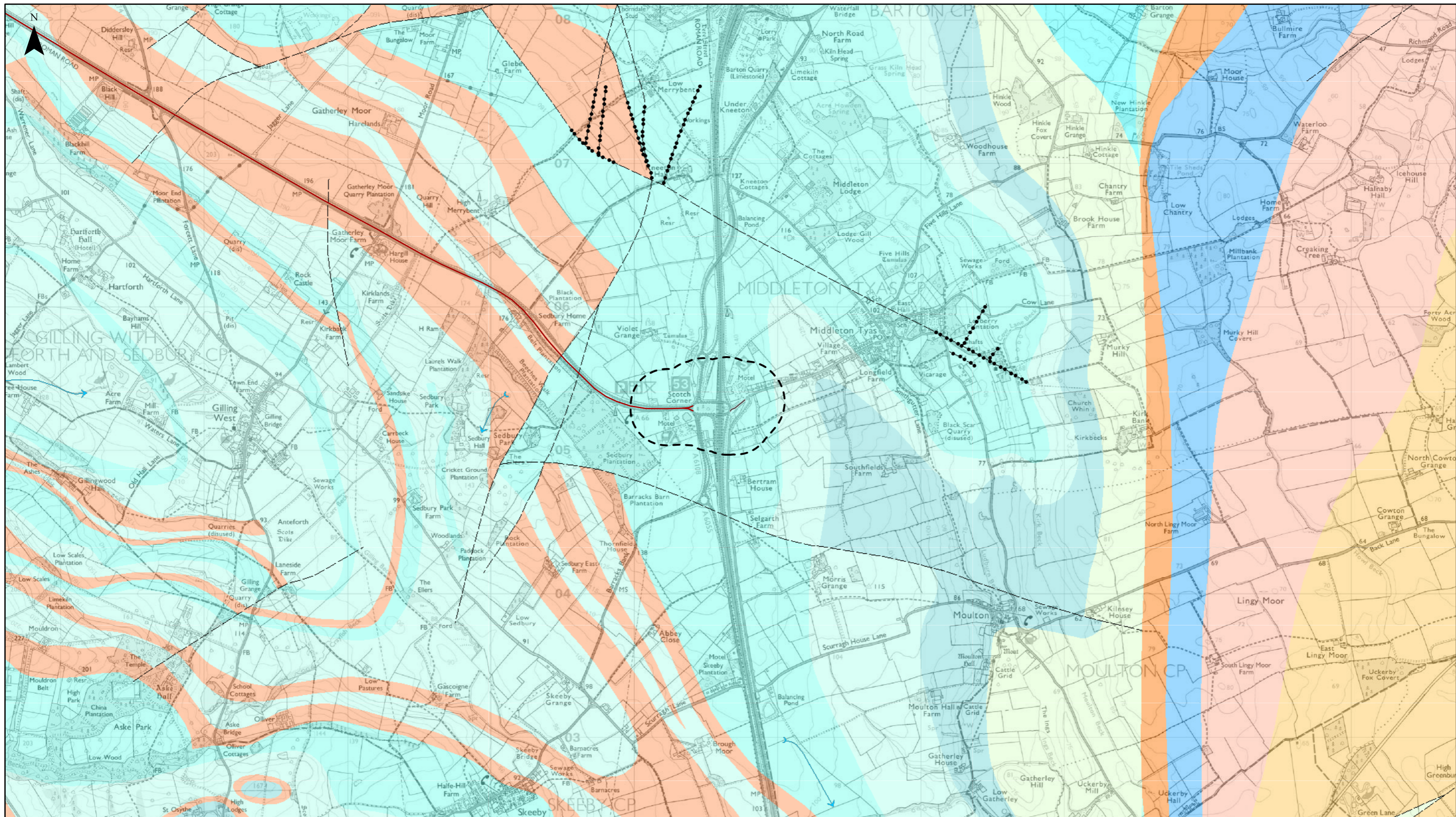
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Revision	Created	Checked	Reviewed	Approved	Authorised

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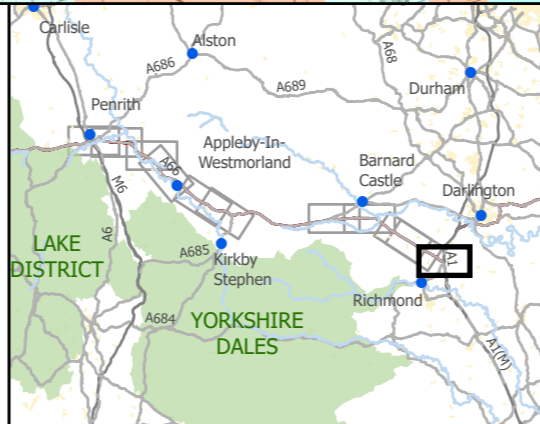
Project Name
A66 Northern Trans-Pennine
 Map Title
Figure 9.2
 Published Geology - Solid Geology
 Sheet 10 of 11
Stephen Bank to Carkin Moor

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
	MP	LG	005028

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- ⊞ Study Area 250m
- BGS 1:50k Linear Features**
- Mineral Vein
- ⊞ Glacial Metwater Channel
- Fault Unspecified
- BGS 1:50k Bedrock**
- Alston Formation - Sandstone
- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
- Four Fathom Limestone
- Great Limestone Member
- Little Limestone
- Penrith Sandstone
- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone



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P01	First Issue				
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	23/07/21	05/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

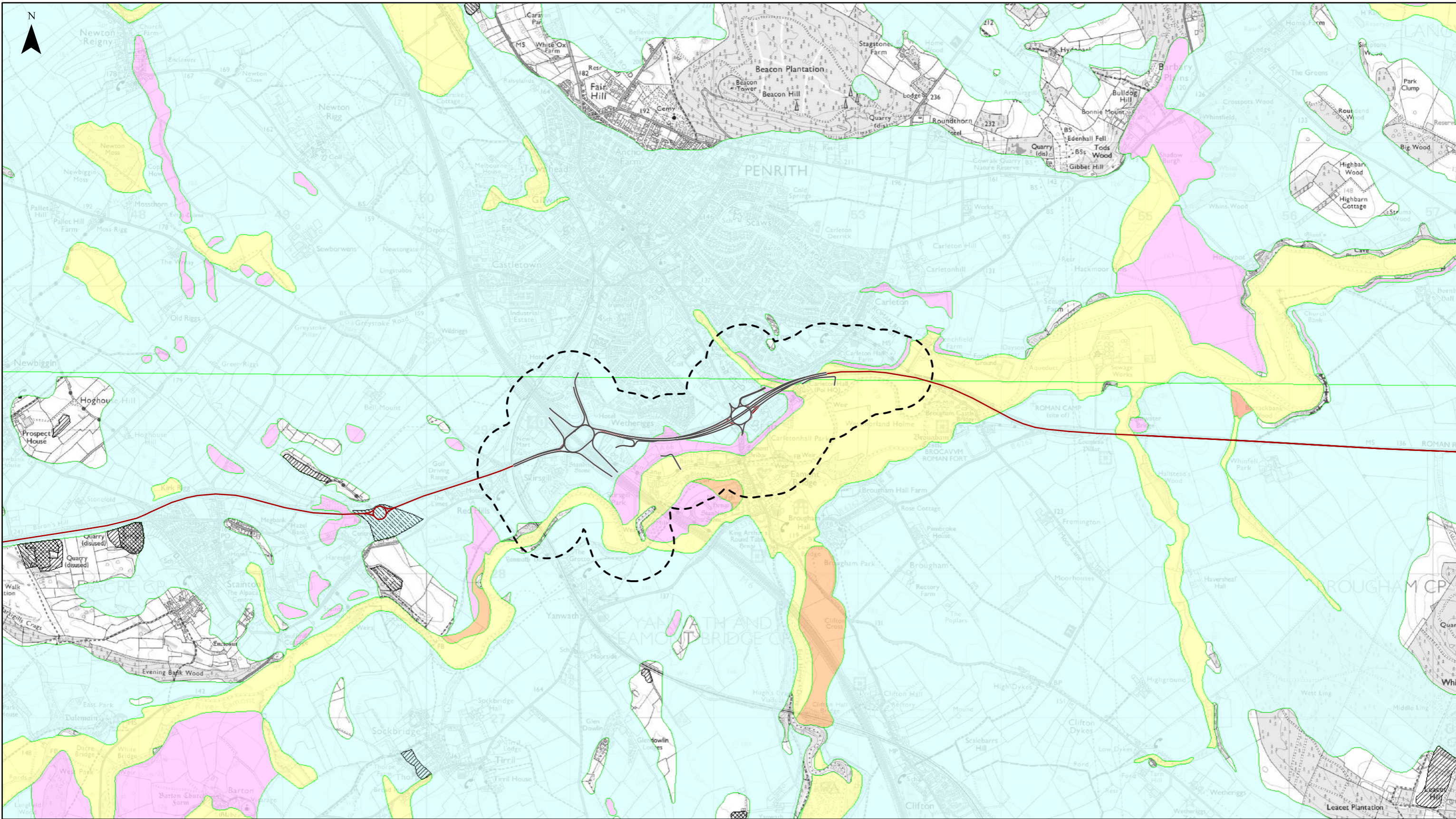
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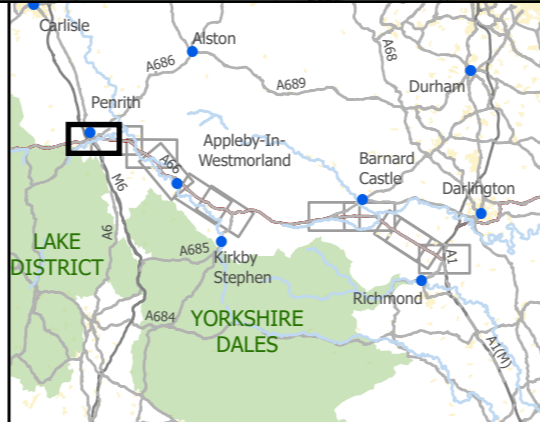
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.2			
Published Geology - Solid Geology			
Sheet 11 of 11			
A1(M) Junction 53 Scotch Corner			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- ▨ Disturbed Ground
- ▨▨▨ Infilled Ground
- ▨▨▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



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A66 NTP Integrated Project Team

P01	First Issue				
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Revision	Created	Checked	Reviewed	Approved	Authorised

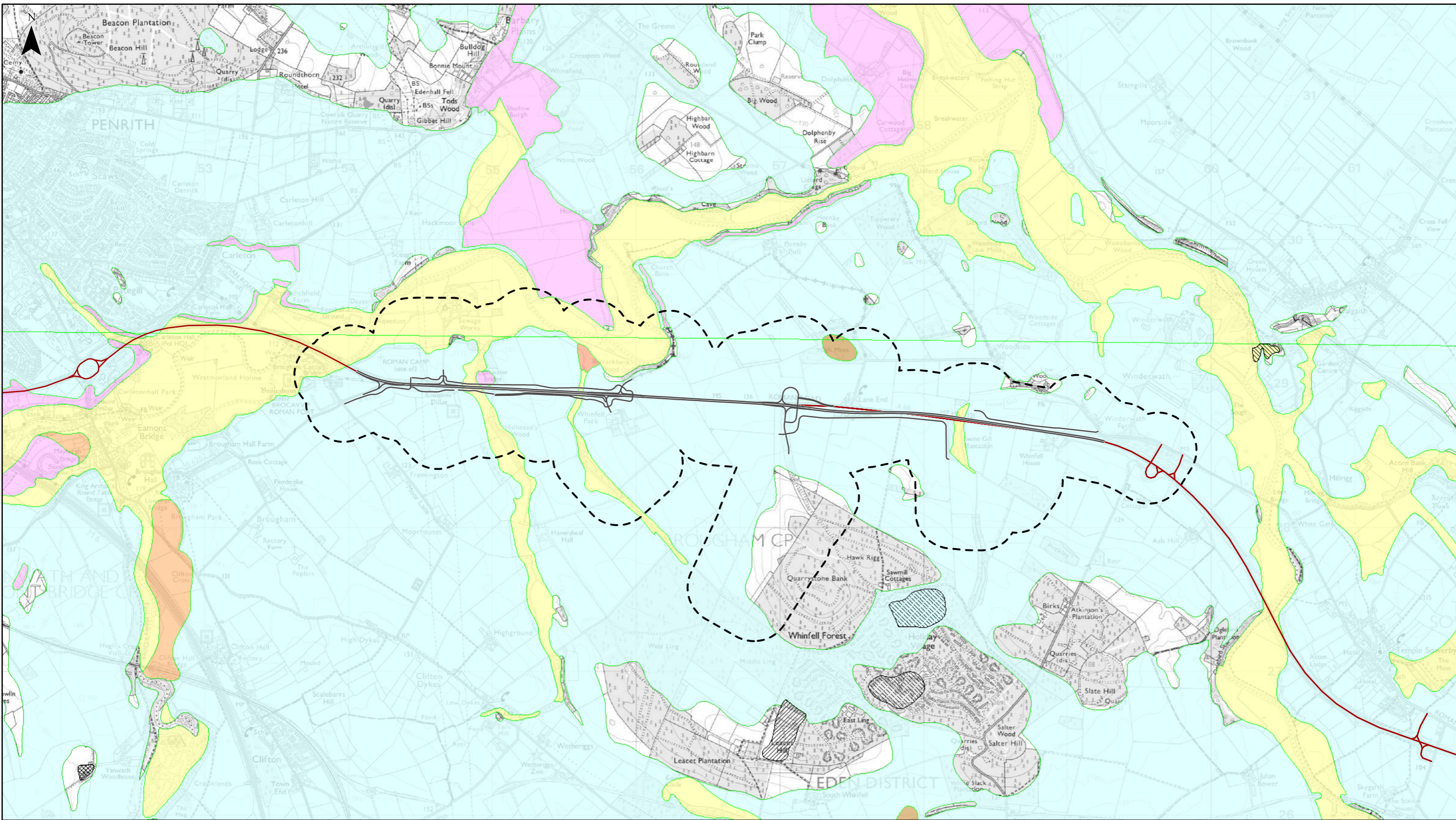
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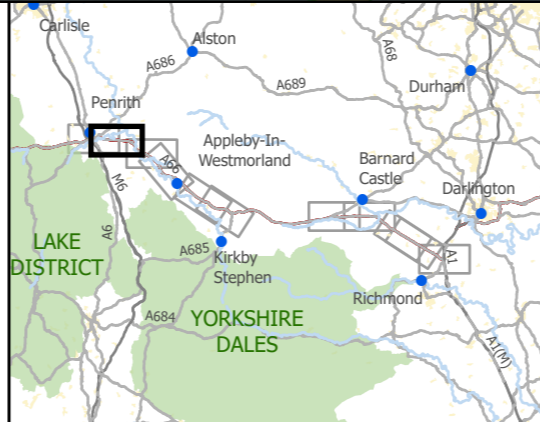
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.3			
Published Geology - Drift Geology			
Sheet 1 of 11			
M6 Junction 40 to Kemplay Bank			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- Disturbed Ground
- Infilled Ground
- Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



P01	First Issue				
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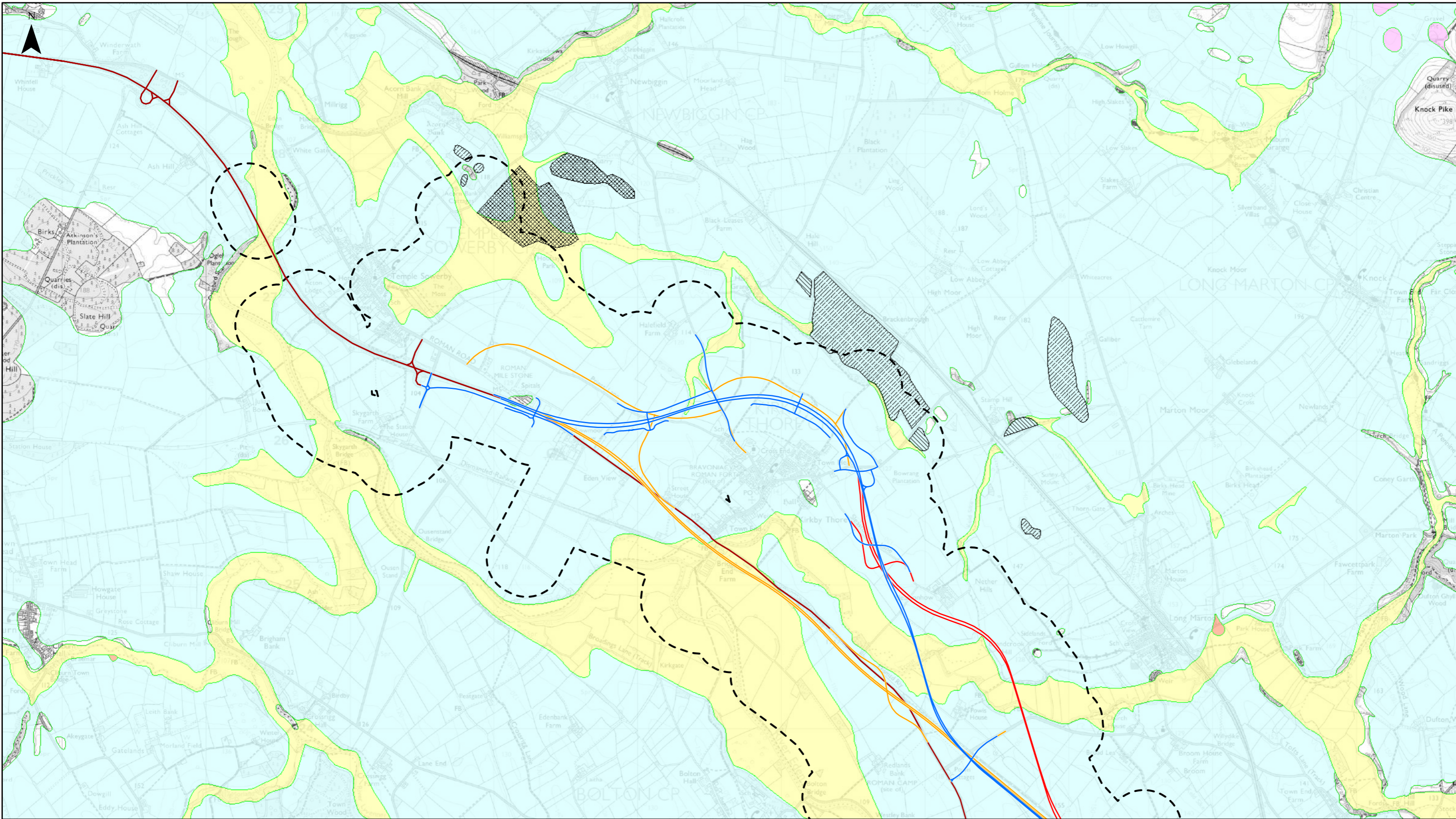
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Project Name
A66 Northern Trans-Pennine

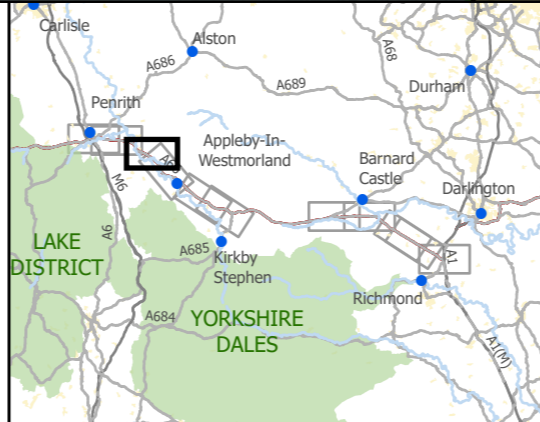
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Figure 9.3
Published Geology - Drift Geology
Sheet 2 of 11
Penrith to Temply Sowerby

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number

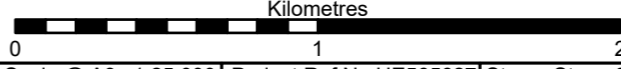
Suitability S4 | Suitability Description FIT FOR STAGE APPROVAL | Revision P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- Disturbed Ground
- ▨ Infilled Ground
- ▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



P01	First Issue				
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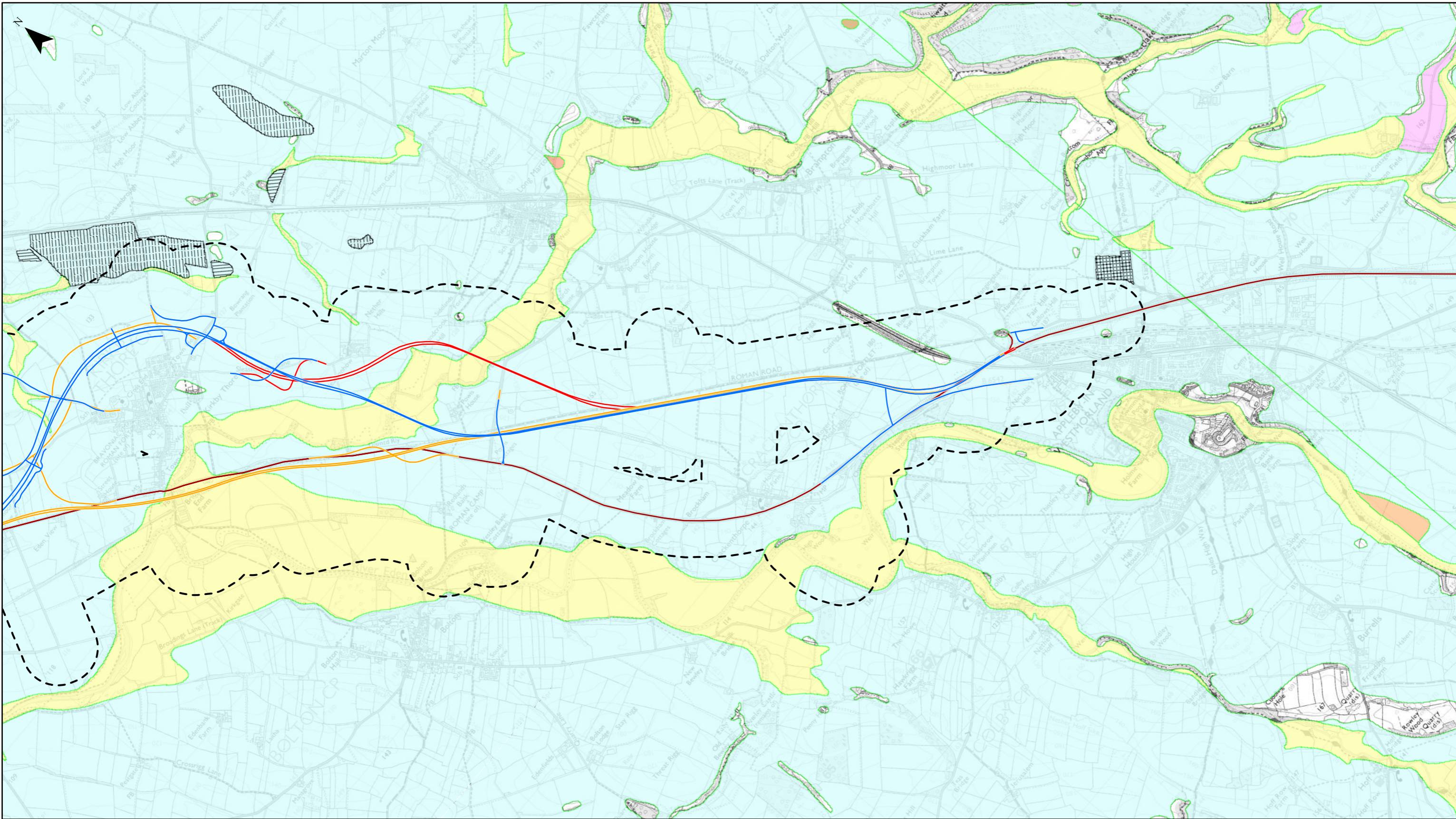
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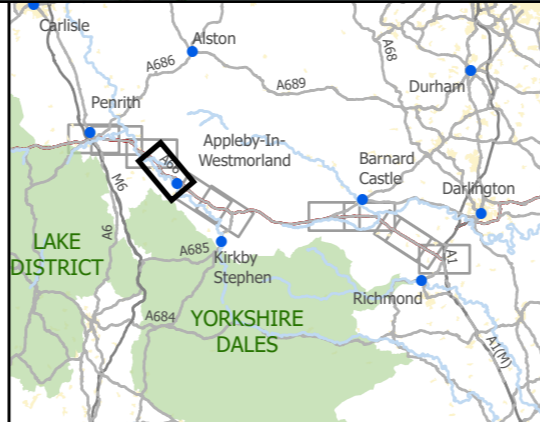
Map Title
Figure 9.3
 Published Geology - Drift Geology
 Sheet 3 of 11
Temple Sowerby to Appleby

Map Number	Project	Originator	Volume
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Location	Type	Role	Number

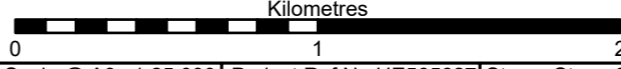
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- ▨ 1:50k Artificial ground
- ▨ Disturbed Ground
- ▨ Infilled Ground
- ▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



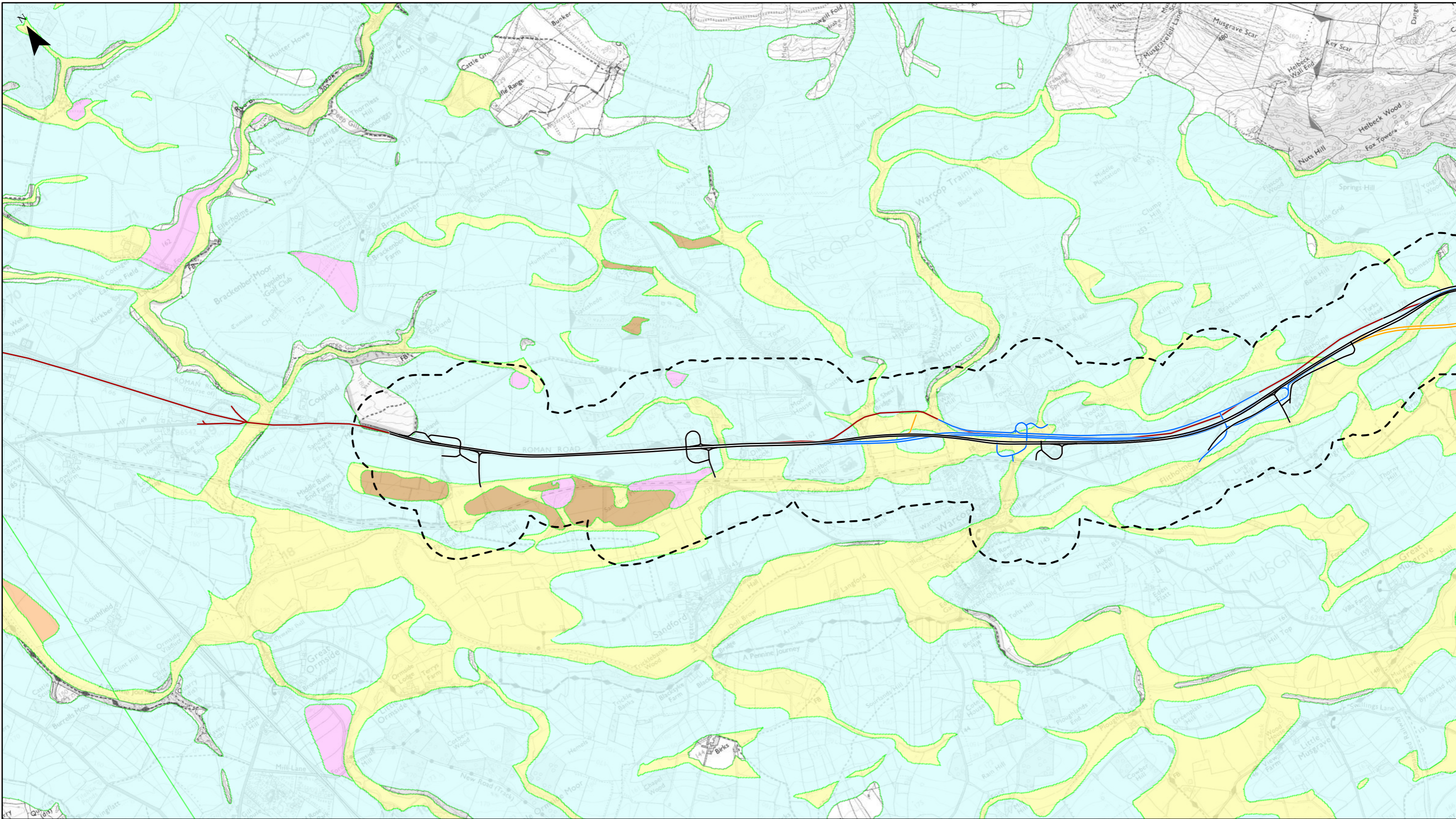
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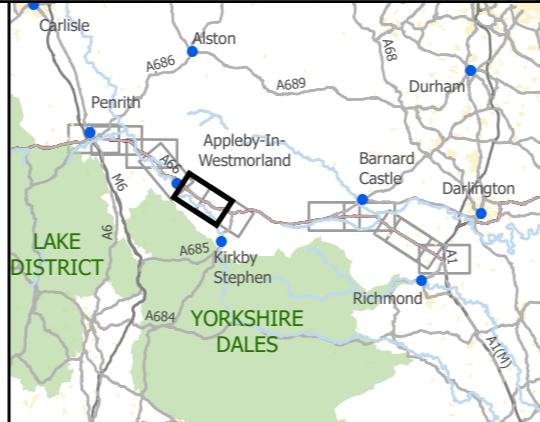
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Published Geology - Drift Geology
Sheet 4 of 11
Temple Sowerby to Appleby

Map Number	Project	Originator	Volume
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Location	Type	Role	Number

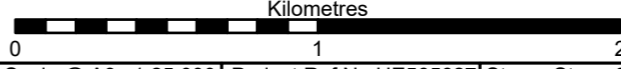
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- ▨ Disturbed Ground
- ▨ Infilled Ground
- ▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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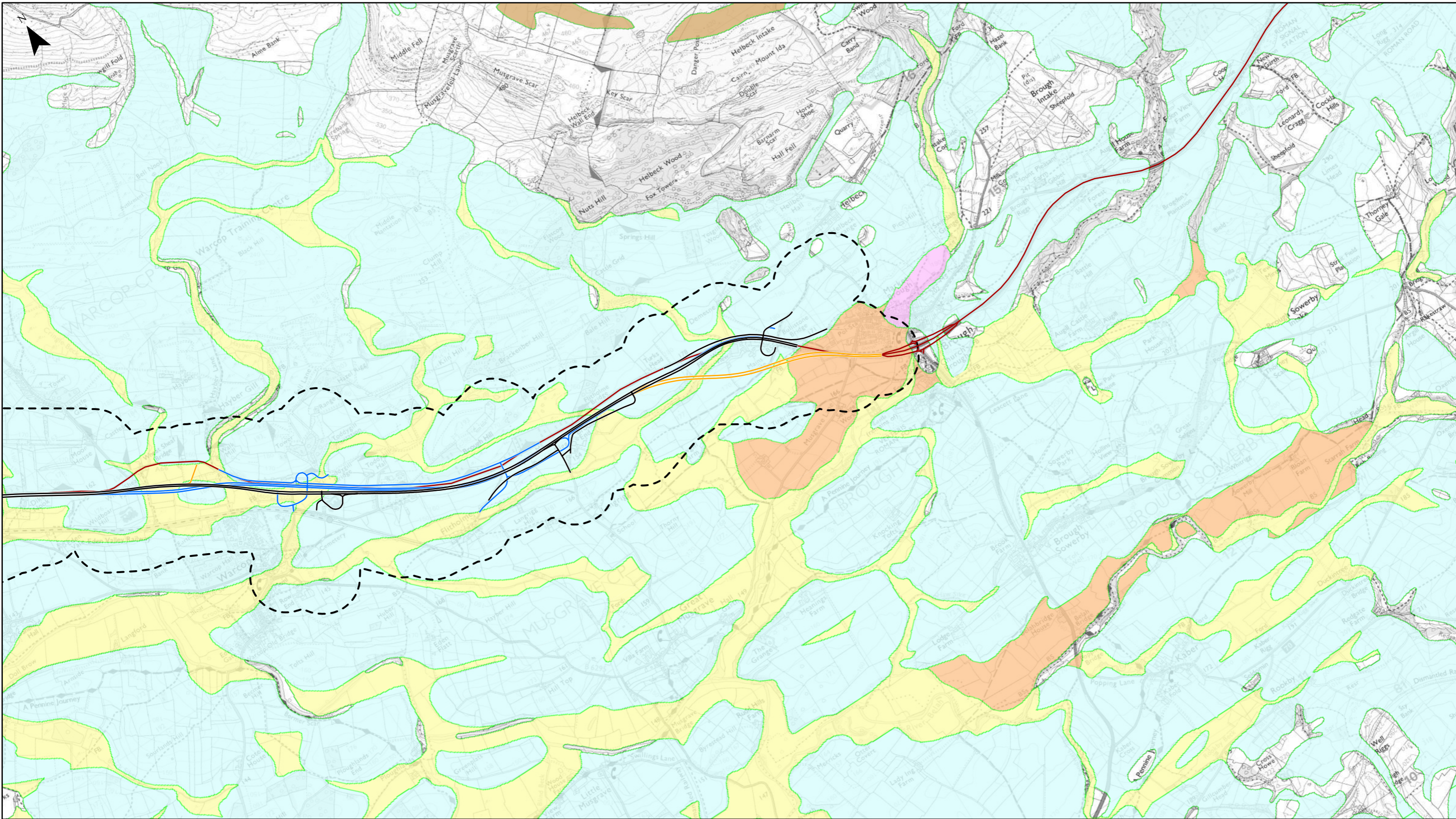
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Project Name
A66 Northern Trans-Pennine

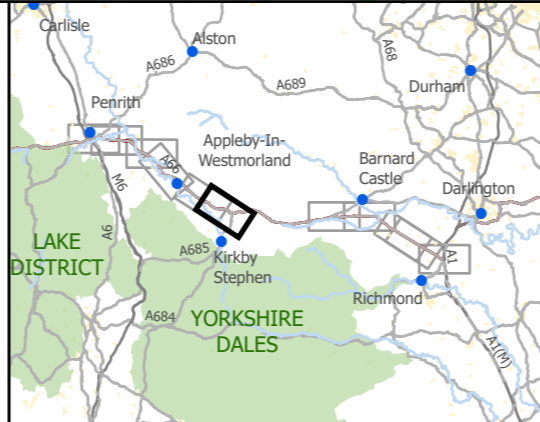
Map Title
Figure 9.3
Published Geology - Drift Geology
Sheet 5 of 11
Appleby to Brough

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LG	-
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- - - Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- ▨ Disturbed Ground
- ▨ Infilled Ground
- ▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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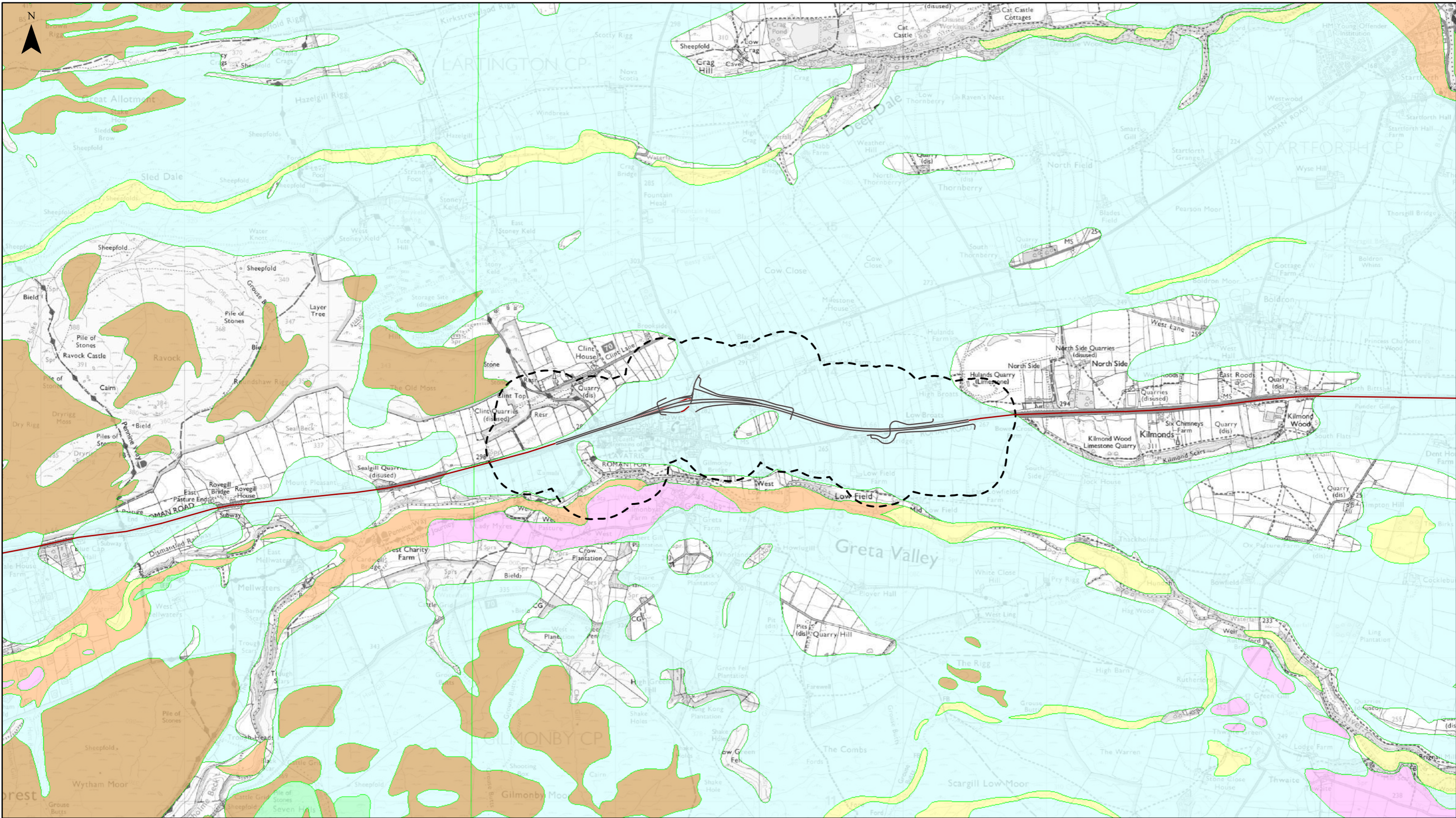
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Map Title
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Published Geology - Drift Geology
 Sheet 6 of 11
Appleby to Brough

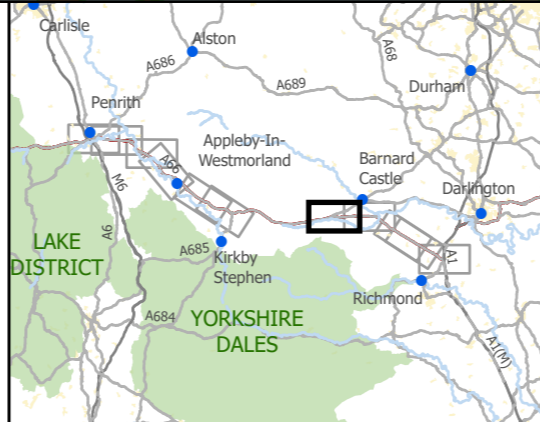
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		MP	LG
		Type	Role
			Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 - - - Study Area 250m
 1:50k Artificial ground
 ▨ Disturbed Ground

▨ Infilled Ground
 ▨ Made Ground
1:50k Superficial Deposits
 Alluvium
 Glacial Till
 Glaciofluvial Deposits
 Hummocky Glacial Deposits
 Peat
 River Terrace Deposits



P01	First Issue				
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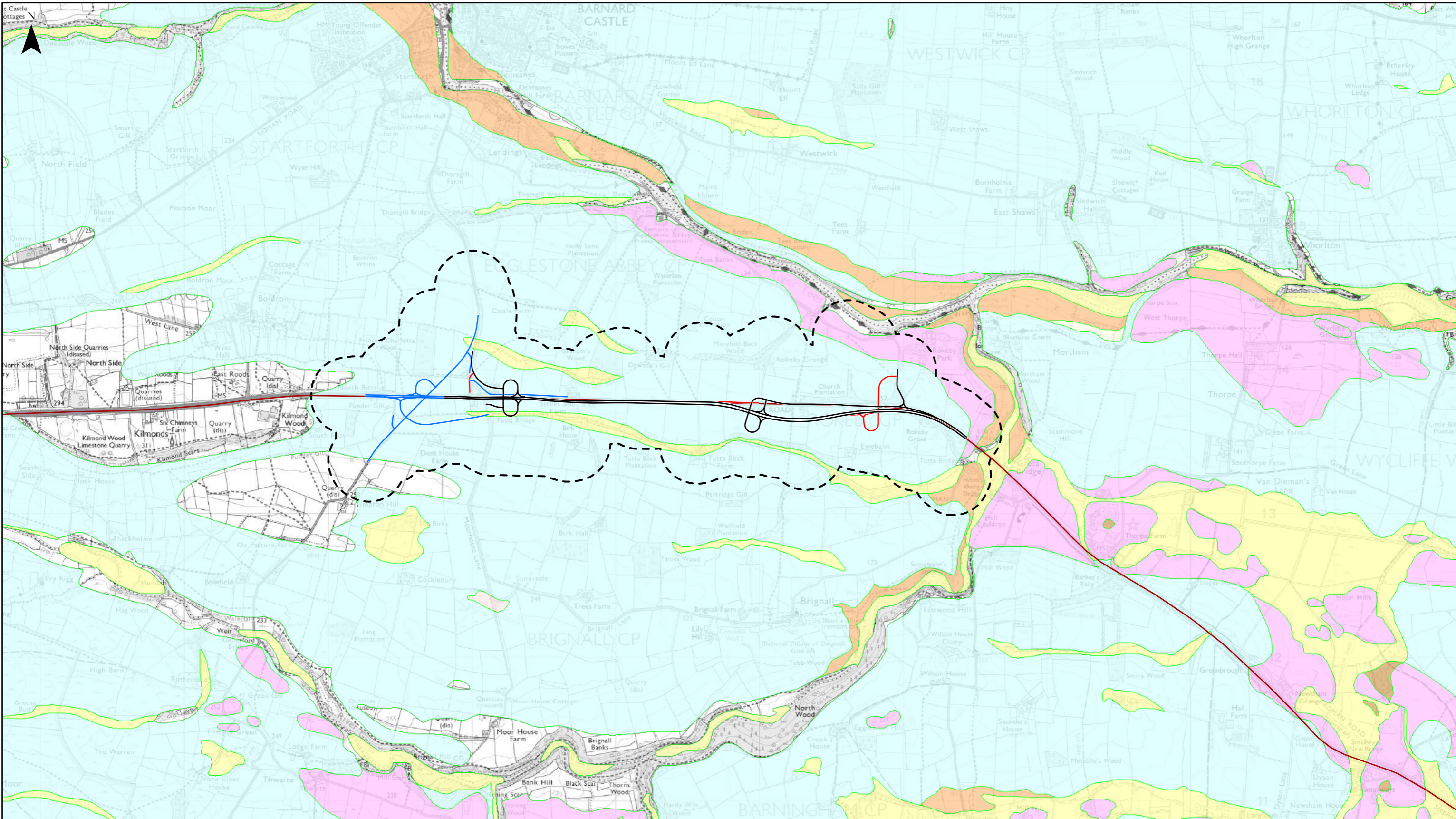
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.3

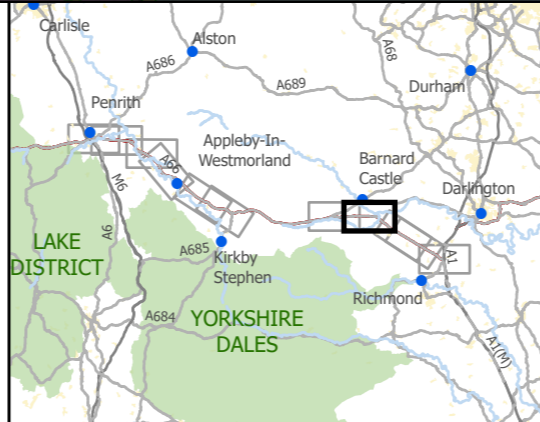
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 Sheet 7 of 11
Bowes Bypass

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Location	Type	Role	Number
Suitability S4	Description FIT FOR STAGE APPROVAL		Revision P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 - - - Study Area 250m
 1:50k Artificial ground
 ▨ Disturbed Ground

▨ Infilled Ground
 ▨ Made Ground
1:50k Superficial Deposits
 Alluvium
 Glacial Till
 Glaciofluvial Deposits
 Hummocky Glacial Deposits
 Peat
 River Terrace Deposits



P01	First Issue				
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Revision	Created	Checked	Reviewed	Approved	Authorised

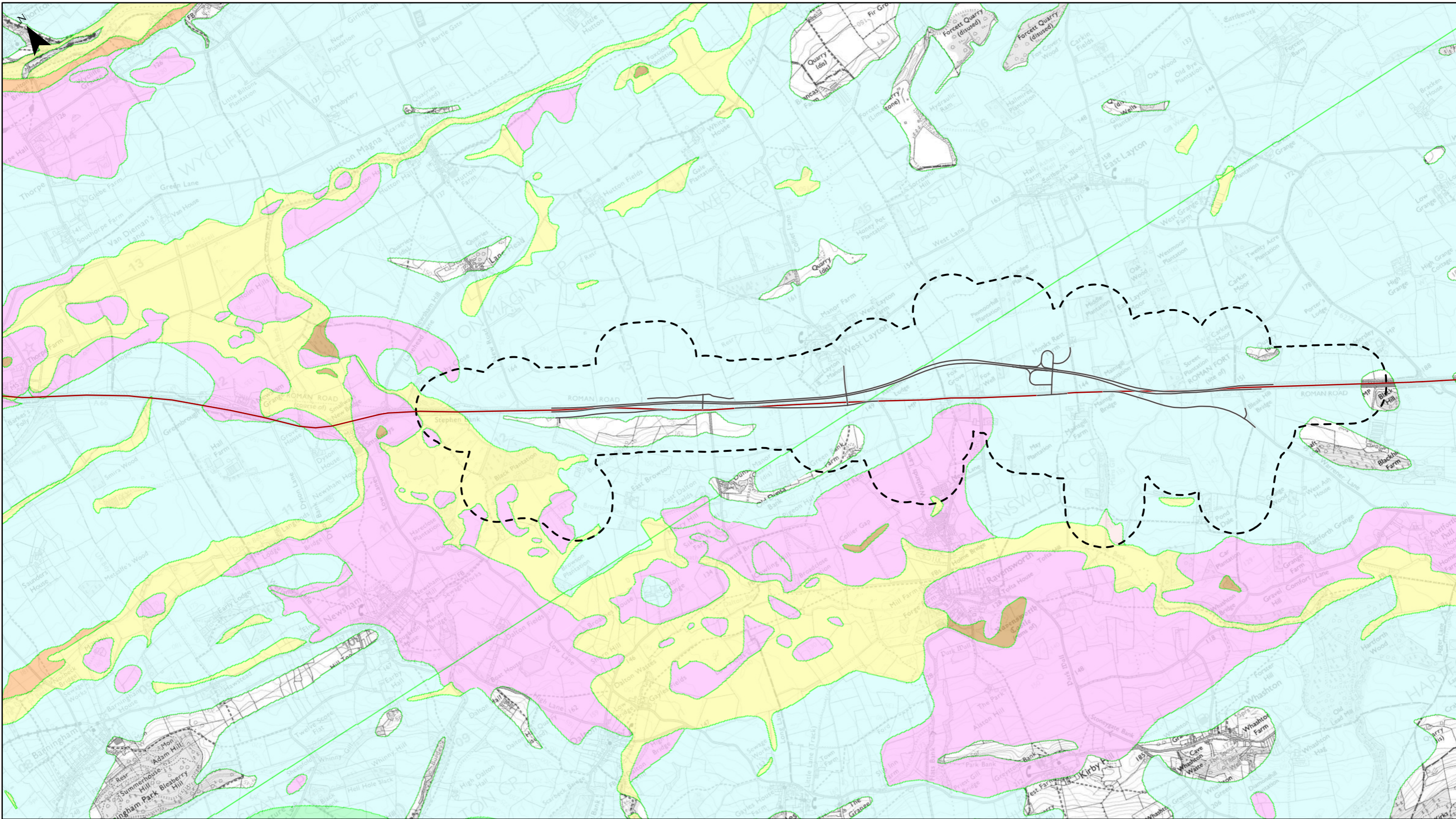
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Project Name
A66 Northern Trans-Pennine

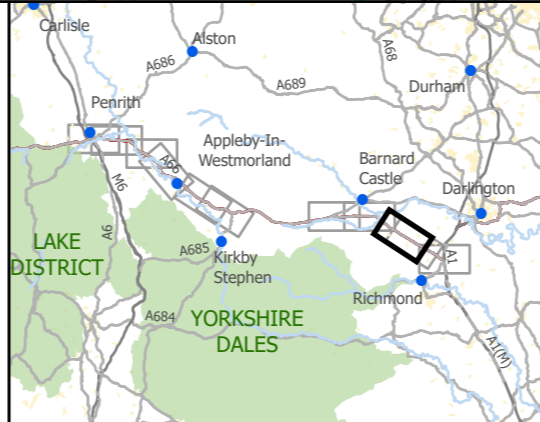
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Published Geology - Drift Geology
 Sheet 8 of 11
Cross Lanes to Rokeby

Map Number	Project	Originator	Volume
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S00	-	MP - LG	-
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- ▨ Disturbed Ground
- ▨▨▨ Infilled Ground
- ▨▨▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits

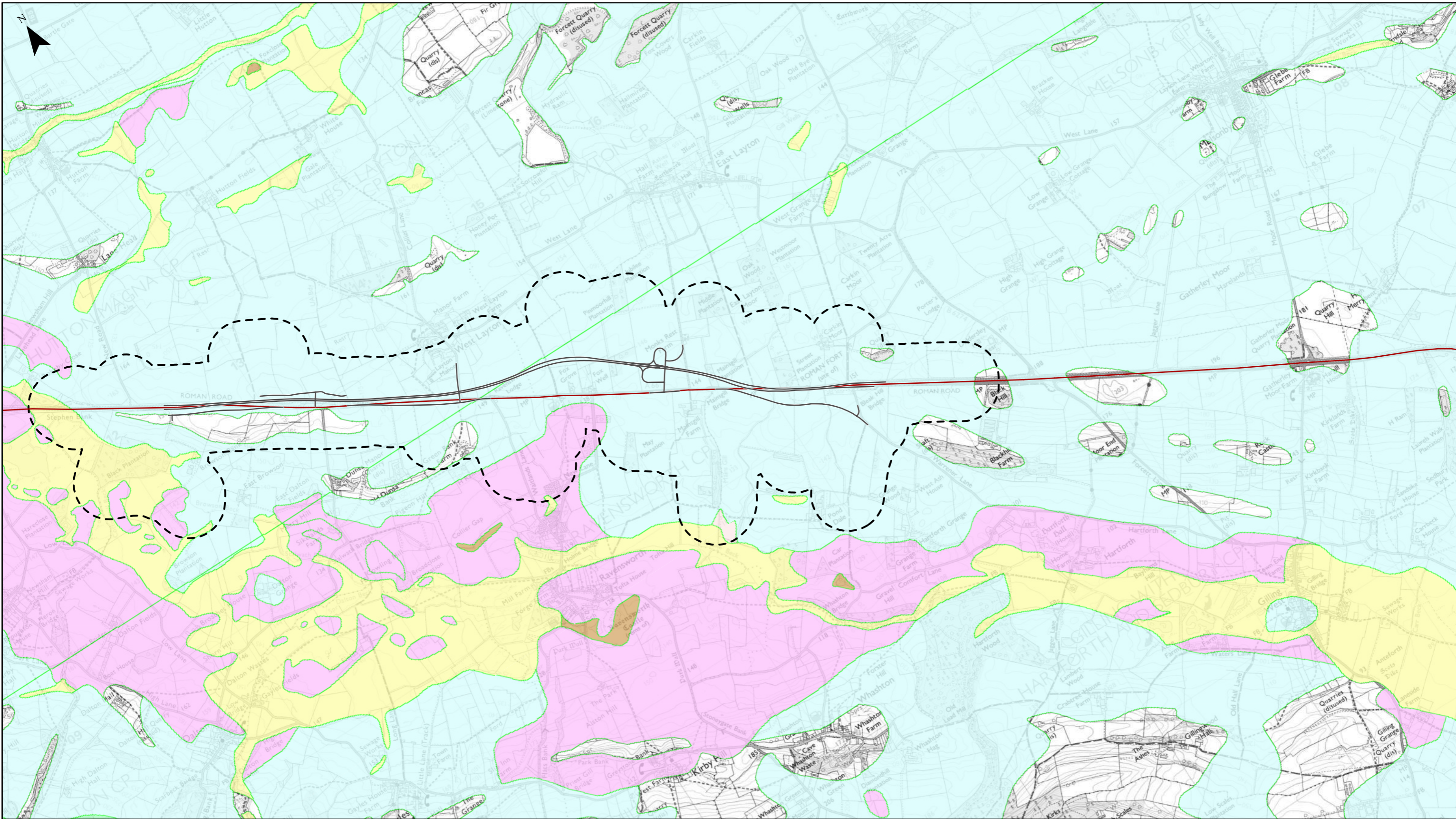


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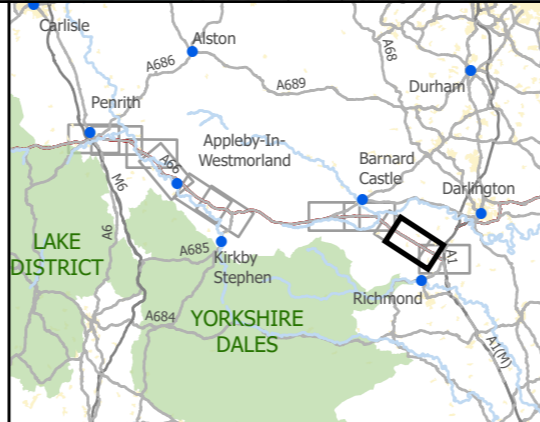
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.3			
Published Geology - Drift Geology			
Sheet 9 of 11			
Stephen Bank to Carkin Moor			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL	MP - LG	005038
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P01	



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m
- 1:50k Artificial ground
- ▨ Disturbed Ground
- ▨ Infilled Ground
- ▨ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



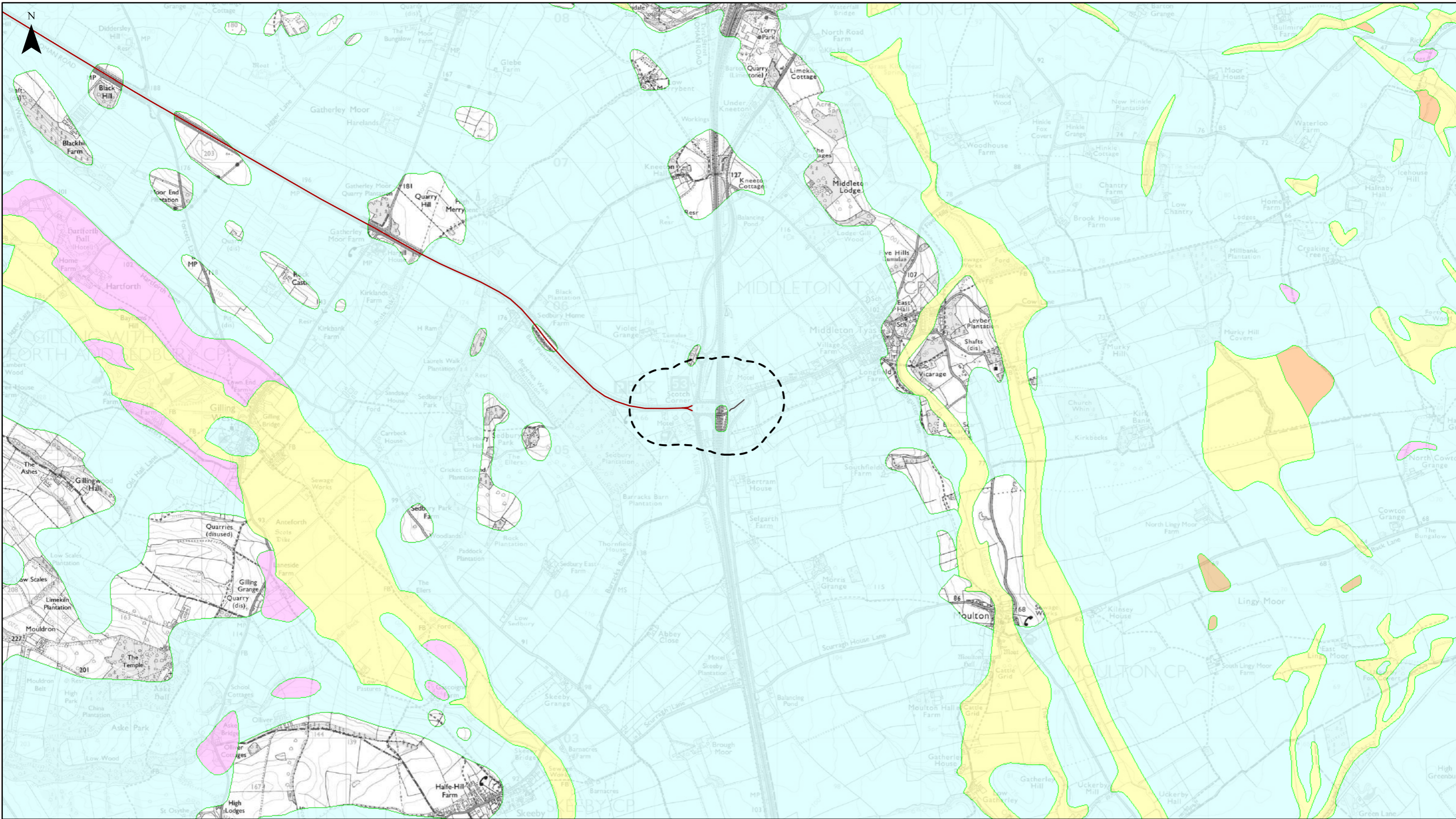
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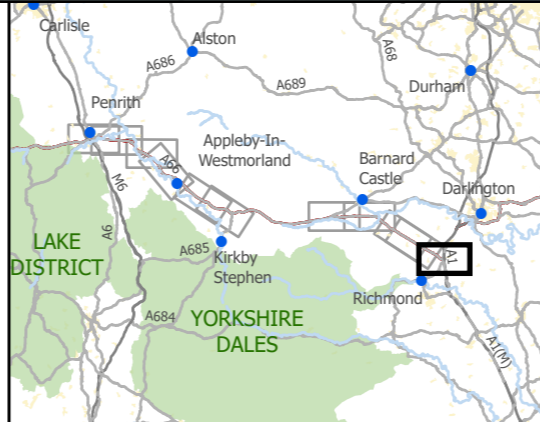
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A66 Northern Trans-Pennine

Map Title
Figure 9.3
 Published Geology - Drift Geology
 Sheet 10 of 11
Stephen Bank to Carkin Moor

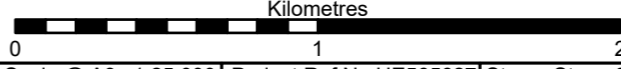
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HE565627	S00	AMY	EGT
	Location	Type	Role
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- ⊞ Study Area 250m
- 1:50k Artificial ground
- ⊞ Disturbed Ground
- ⊞ Infilled Ground
- ⊞ Made Ground
- 1:50k Superficial Deposits**
- Alluvium
- Glacial Till
- Glaciofluvial Deposits
- Hummocky Glacial Deposits
- Peat
- River Terrace Deposits



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



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Project Name
A66 Northern Trans-Pennine

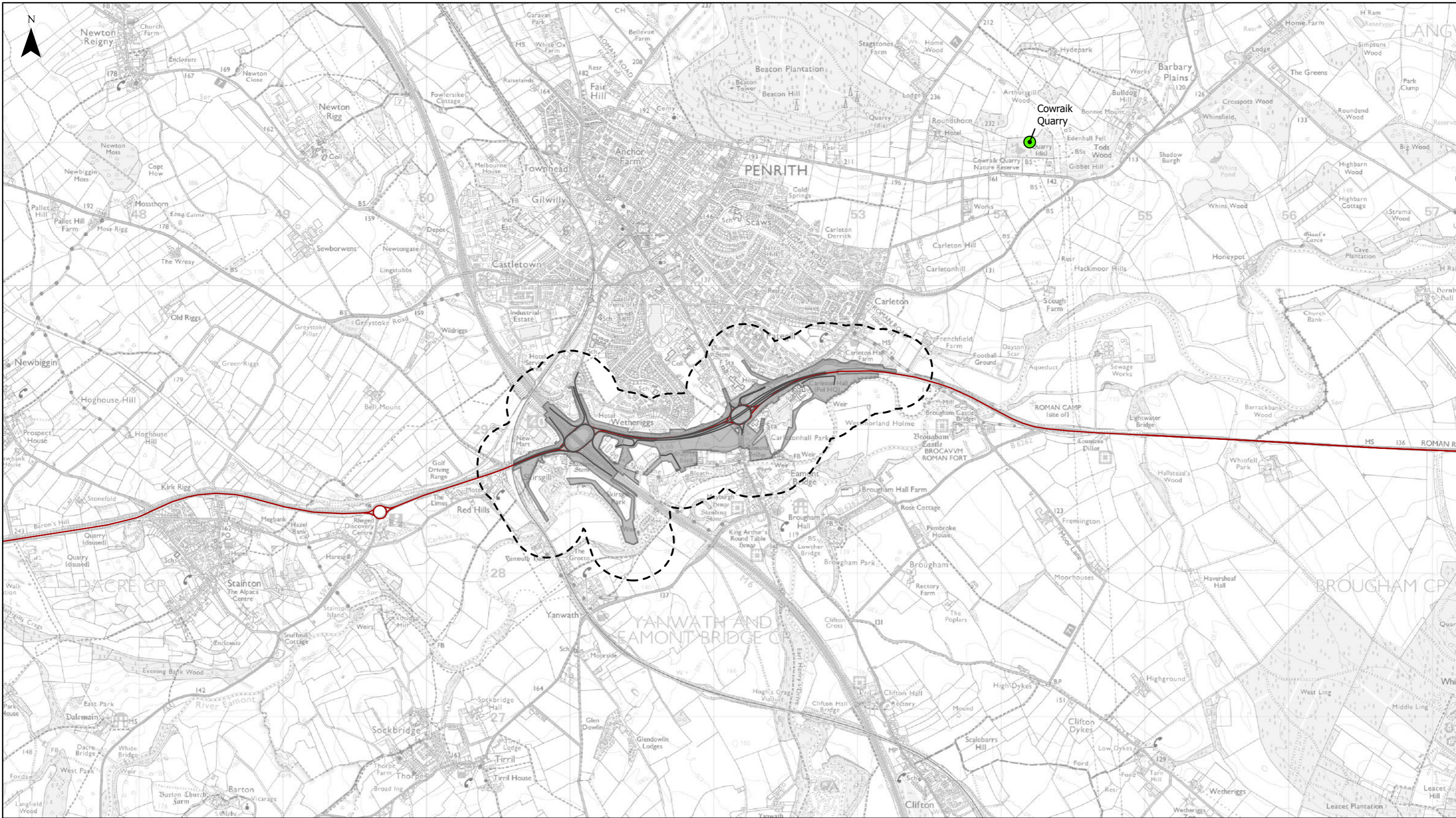
Map Title
Figure 9.3

Published Geology - Drift Geology
 Sheet 11 of 11

A1(M) Junction 53 Scotch Corner

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
	Location	Type	Role
	MP	LG	005040

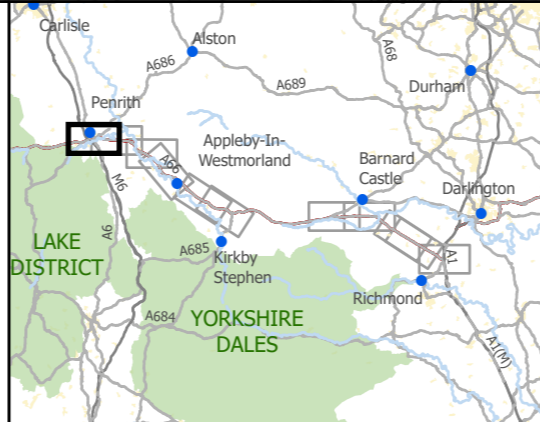
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [] Scheme
 [] Black Alternative
 [] Blue Alternative
 [] Orange Alternative
 [] Red Alternative

● Geodiversity Sites
 [] UNESCO Global Geopark

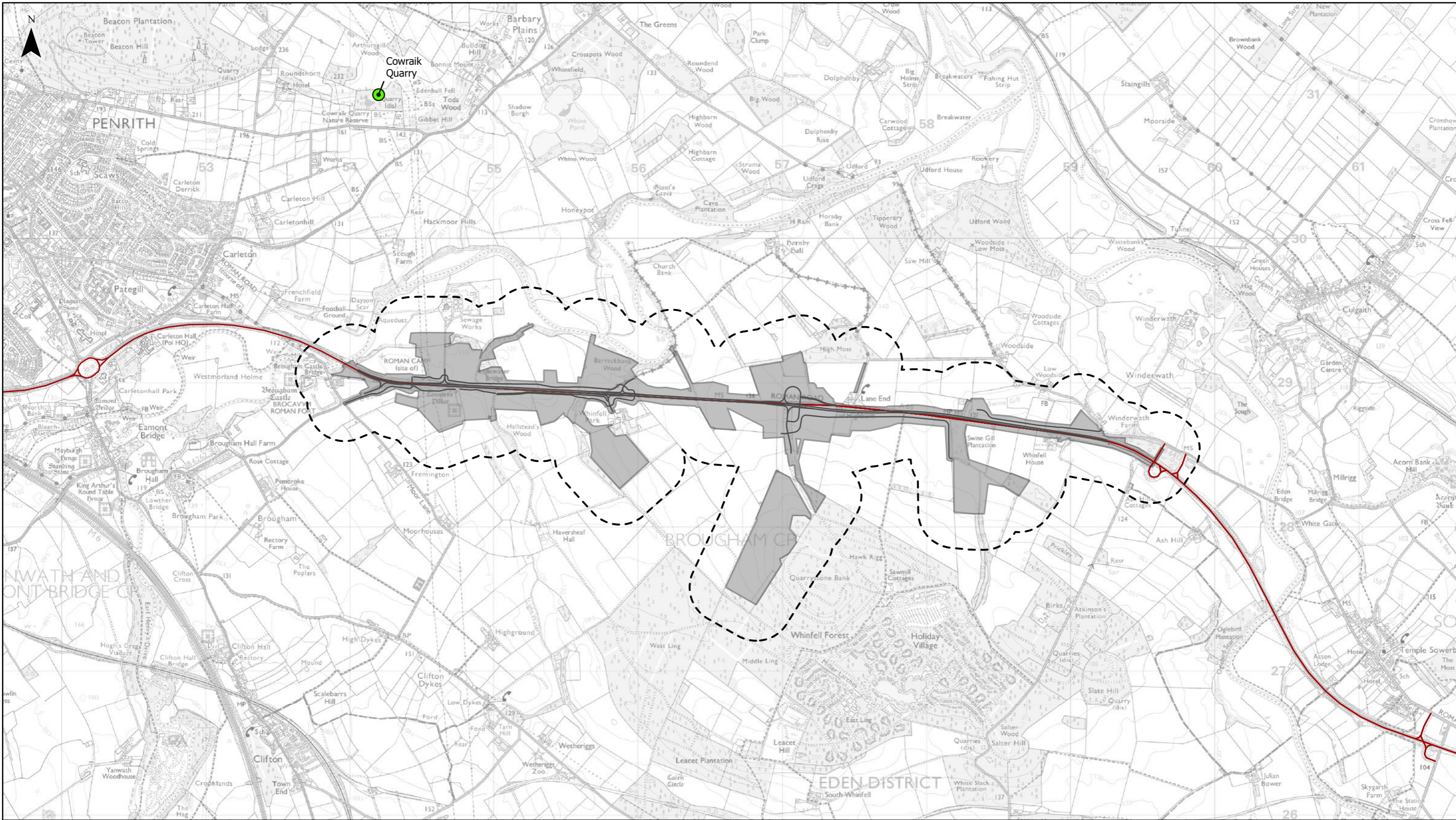


P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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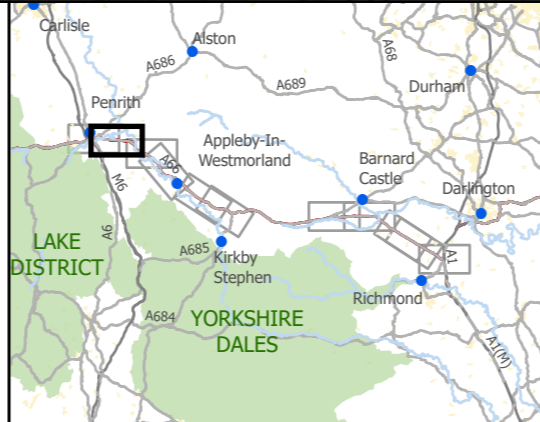
Project Name			
A66 Northern Trans-Pennine			
Map Title			
Figure 9.4			
Sheet 1 of 19			
M6 Junction 40 to Kemplay Bank			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005041
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [] Scheme
 [] Black Alternative
 [] Blue Alternative
 [] Orange Alternative
 [] Red Alternative

● Geodiversity Sites
 [] UNESCO Global Geopark

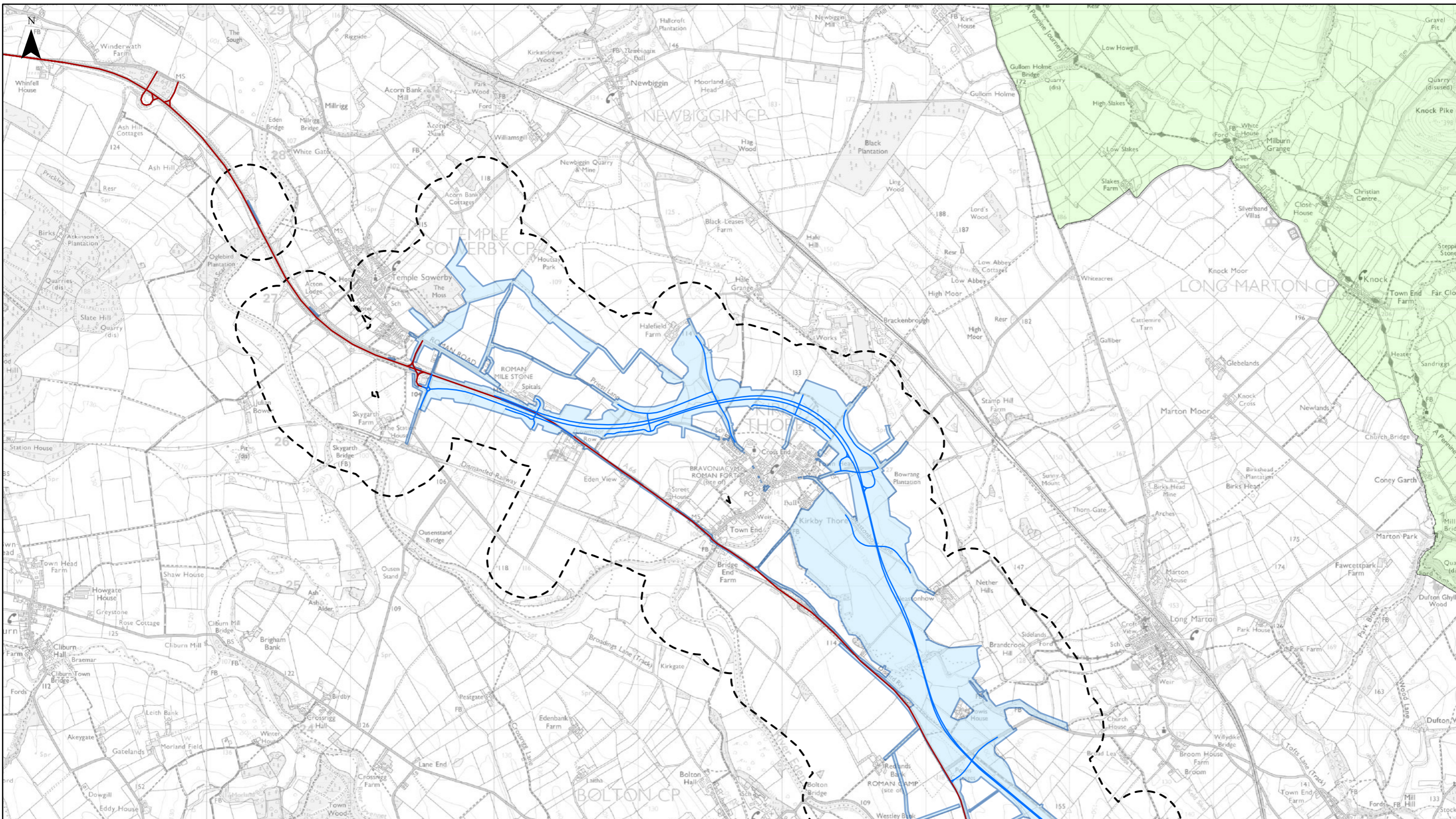


P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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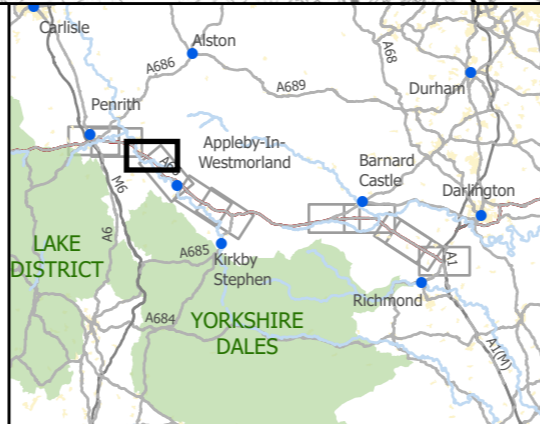
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A66 Northern Trans-Pennine			
Map Title			
Figure 9.4			
Geodiversity Sites			
Sheet 2 of 19			
Penrith to Temply Sowerby			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005042
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [Dashed Box] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [Grey Box] Scheme
 [Blue Box] Blue Alternative
 [Orange Box] Orange Alternative
 [Red Box] Red Alternative

[Green Circle] Geodiversity Sites
 [Light Green Box] UNESCO Global Geopark



P01	First Issue	ACAR	MMAT	LHAN	DHAR	AWAR
		23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised	

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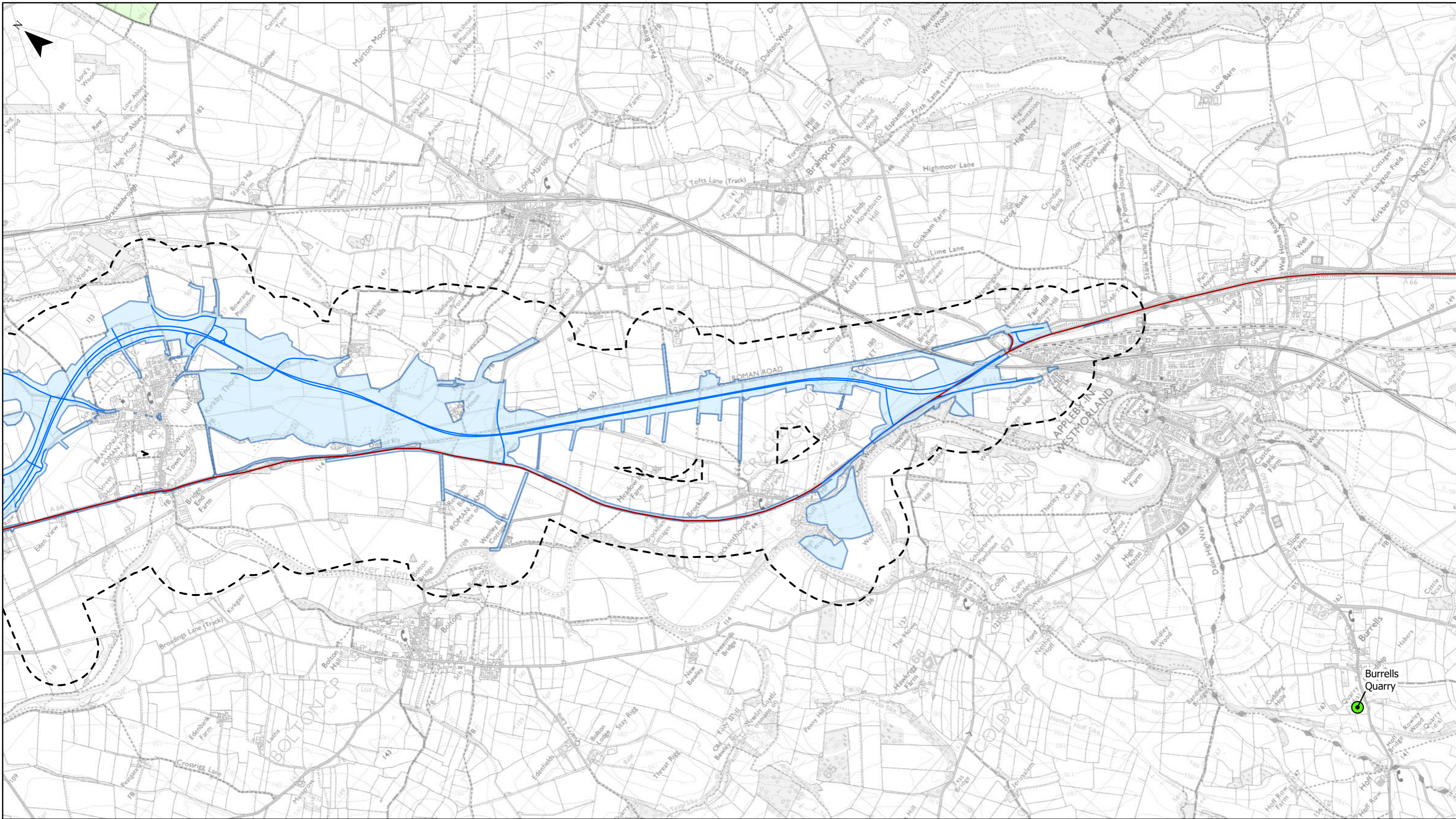
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Geodiversity Sites
 Sheet 3 of 19
Temple Sowerby to Appleby
Blue Alternative

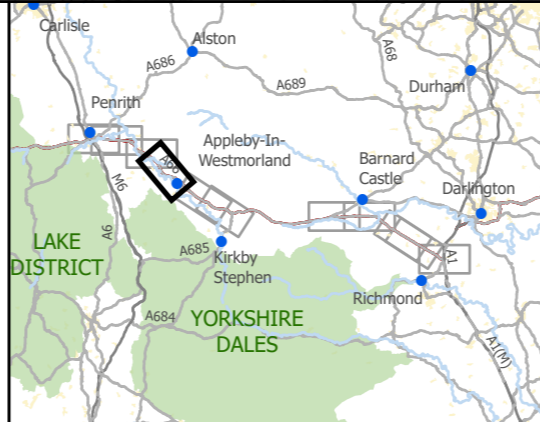
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HE565627	-	AMY	- EGT
S00	-	MP	- LG - 005043
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 - - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 — Scheme
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative

● Geodiversity Sites
 ■ UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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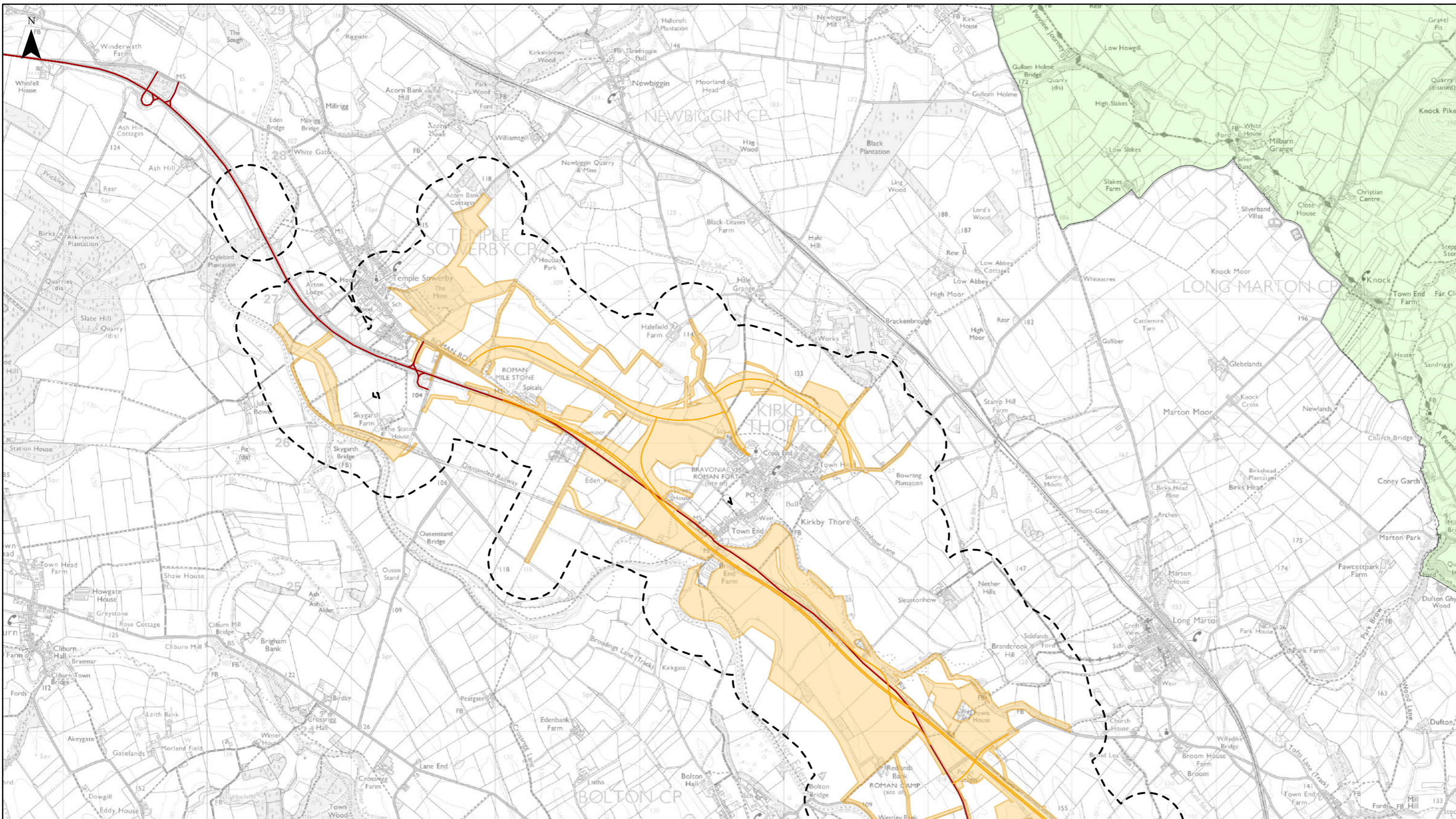
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Geodiversity Sites
 Sheet 4 of 19
 Temple Sowerby to Appleby
Blue Alternative

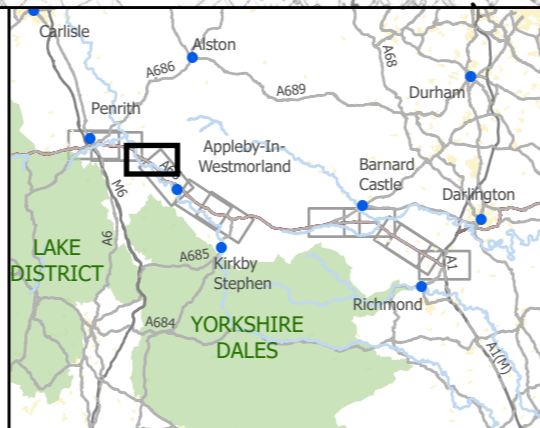
Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP	LG
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 - - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 — Scheme
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative

● Geodiversity Sites
 ■ UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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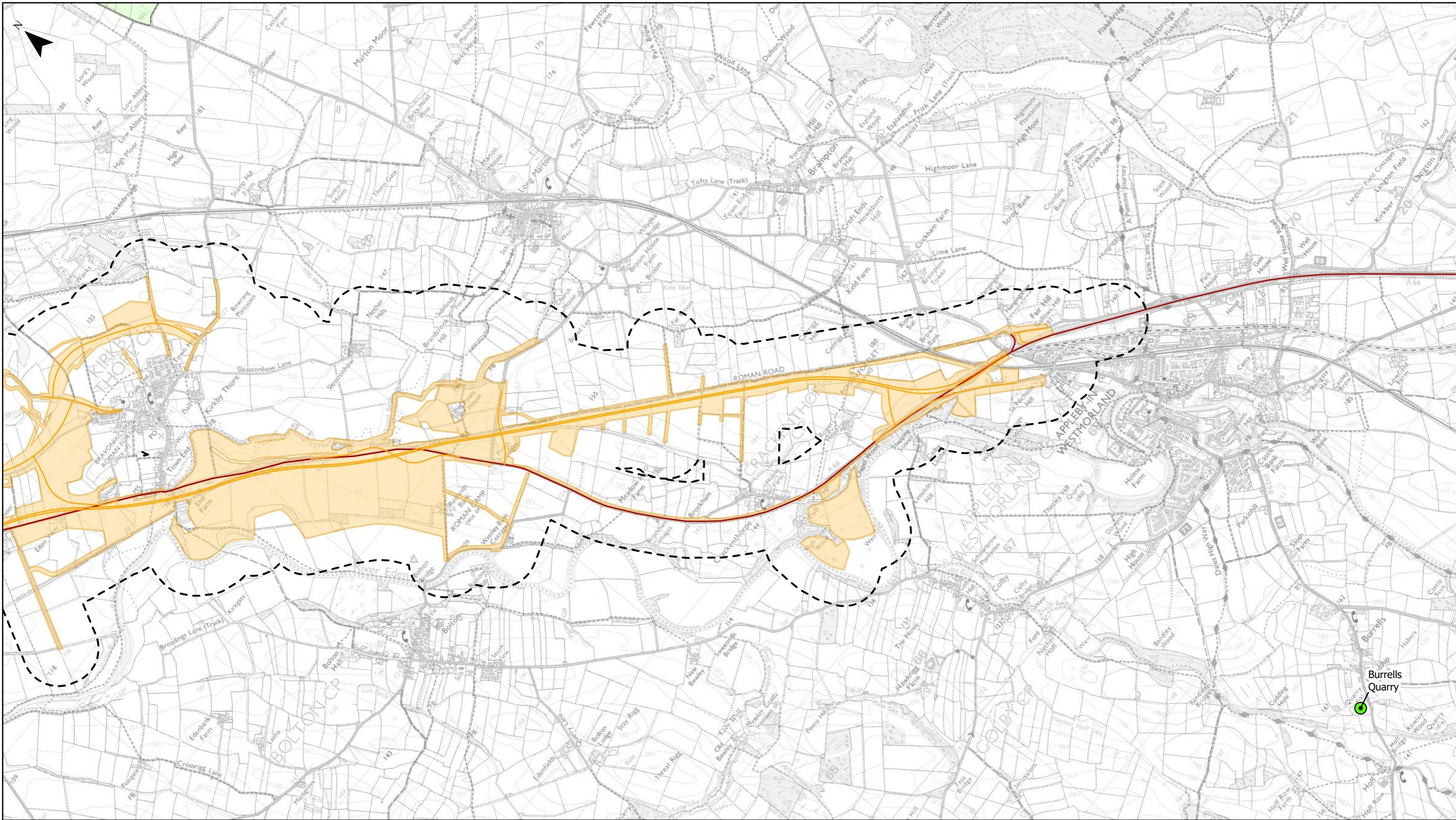
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Geodiversity Sites
 Sheet 5 of 19
Temple Sowerby to Appleby
Orange Alternative

Map Number	Project	Originator	Volume
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S00	-	MP	- LG - 005045
Location		Type	Role

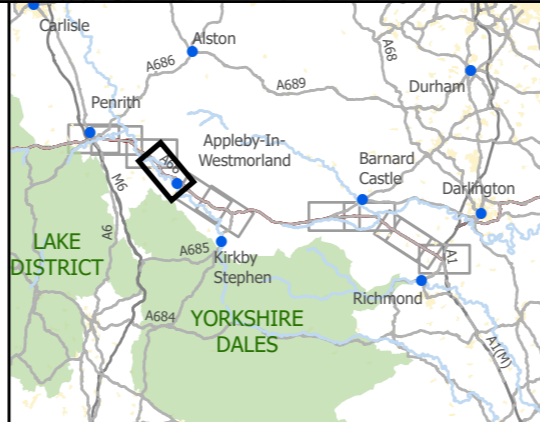
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



— Scheme Centreline
 - - - Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 - - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 — Scheme
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative

● Geodiversity Sites
 ■ UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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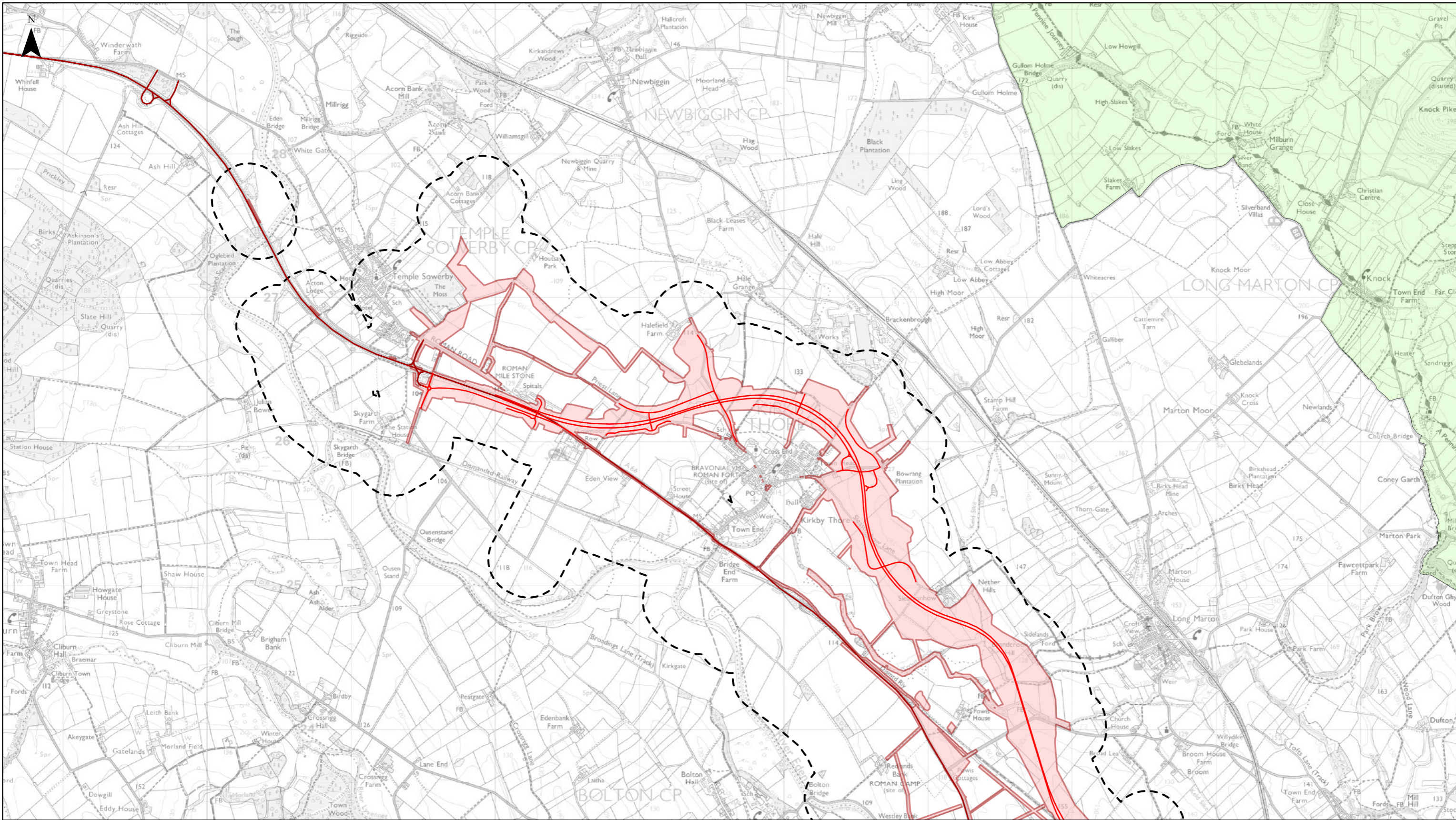
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Geodiversity Sites
 Sheet 6 of 19
 Temple Sowerby to Appleyby
Orange Alternative

Map Number	Project	Originator	Volume
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S00	-	MP	LG
Location	Type	Role	Number

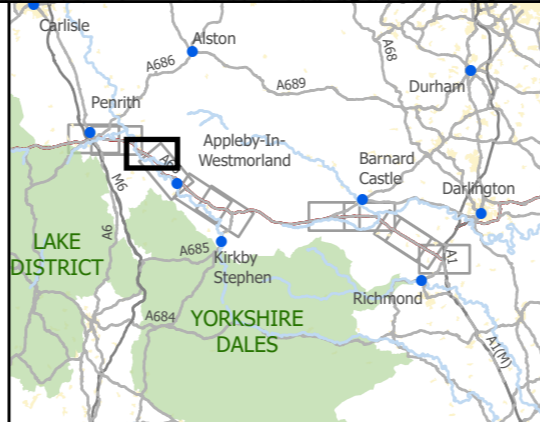
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



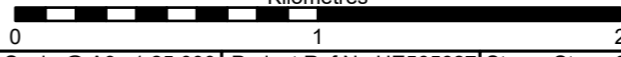
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



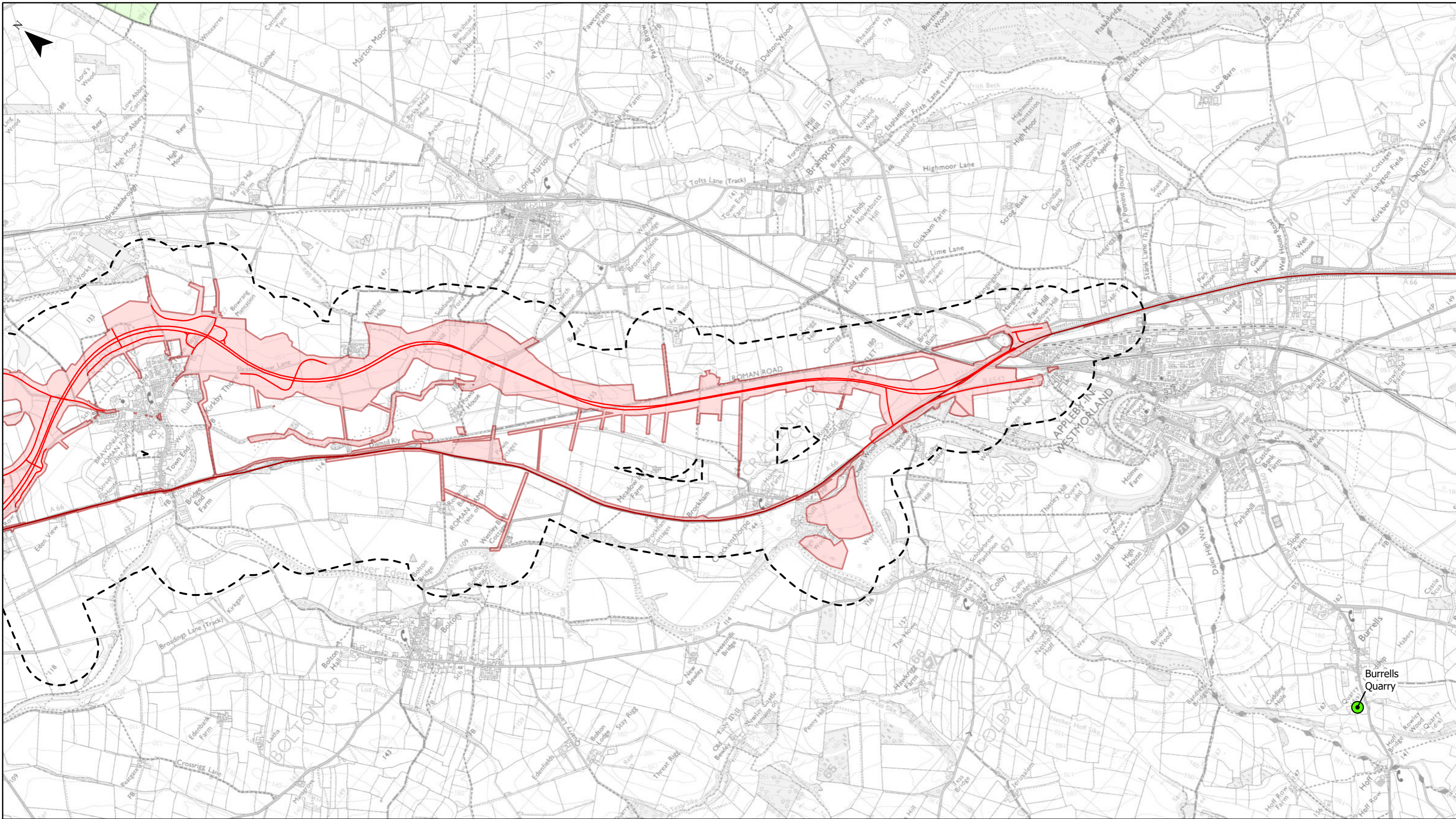
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4
 Geodiversity Sites
 Sheet 7 of 19
 Temple Sowerby to Appleby
Red Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005047
Location	Type	Role	Number

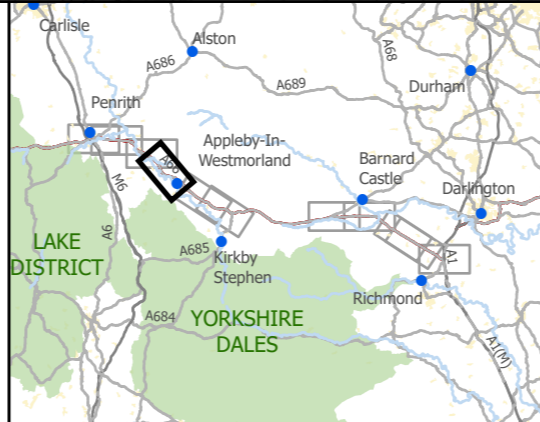
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 - - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 — Scheme
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative

● Geodiversity Sites
 ■ UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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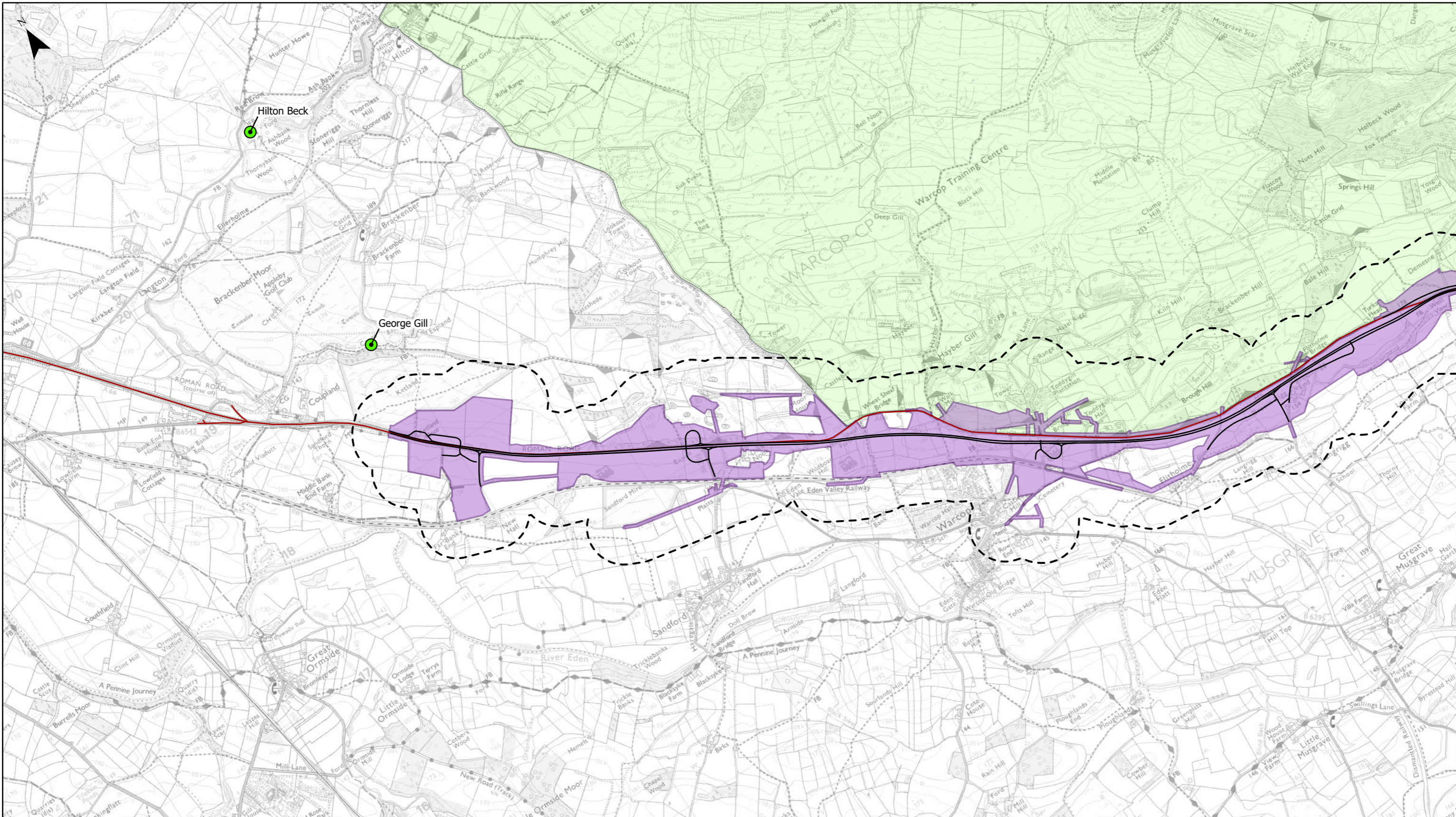
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Geodiversity Sites
 Sheet 8 of 19
 Temple Sowerby to Appleby
Red Alternative

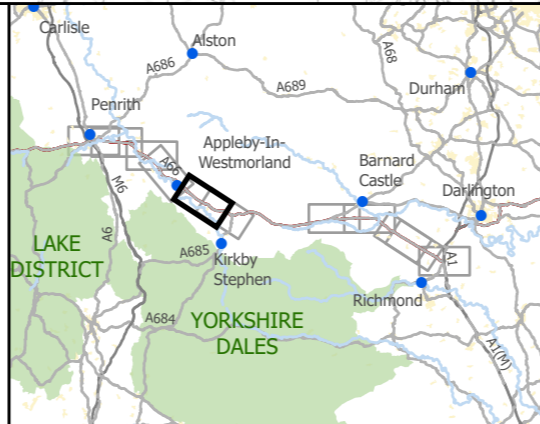
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HE565627	-	AMY	-
S00	-	MP - LG	-
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

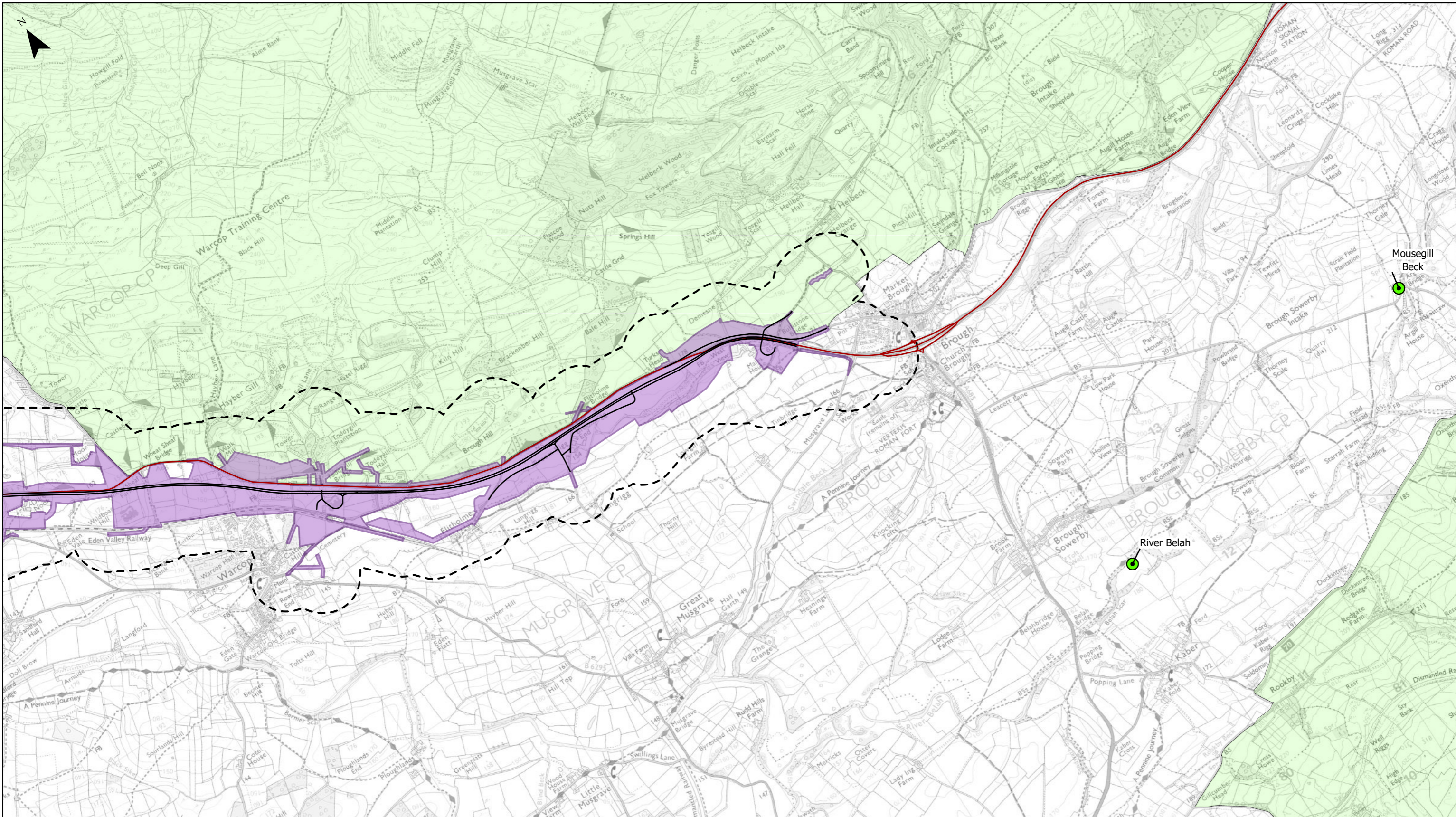
- Geodiversity Sites
- UNESCO Global Geopark



P01	First Issue				
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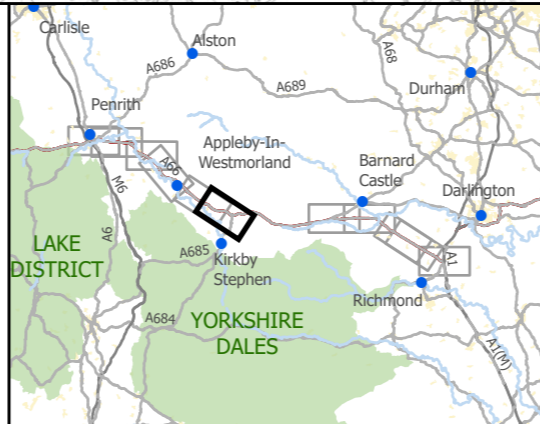
Project Name			
A66 Northern Trans-Pennine			
Map Title			
Figure 9.4			
Geodiversity Sites			
Sheet 9 of 19			
Appley to Brough			
Black-Black-Black Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP	LG - 005049
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 - - - Blue Alternative
 - - - Orange Alternative
 - - - Red Alternative
 — Existing A66
 [] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [] Scheme
 [] Black Alternative
 [] Blue Alternative
 [] Orange Alternative
 [] Red Alternative

● Geodiversity Sites
 [] UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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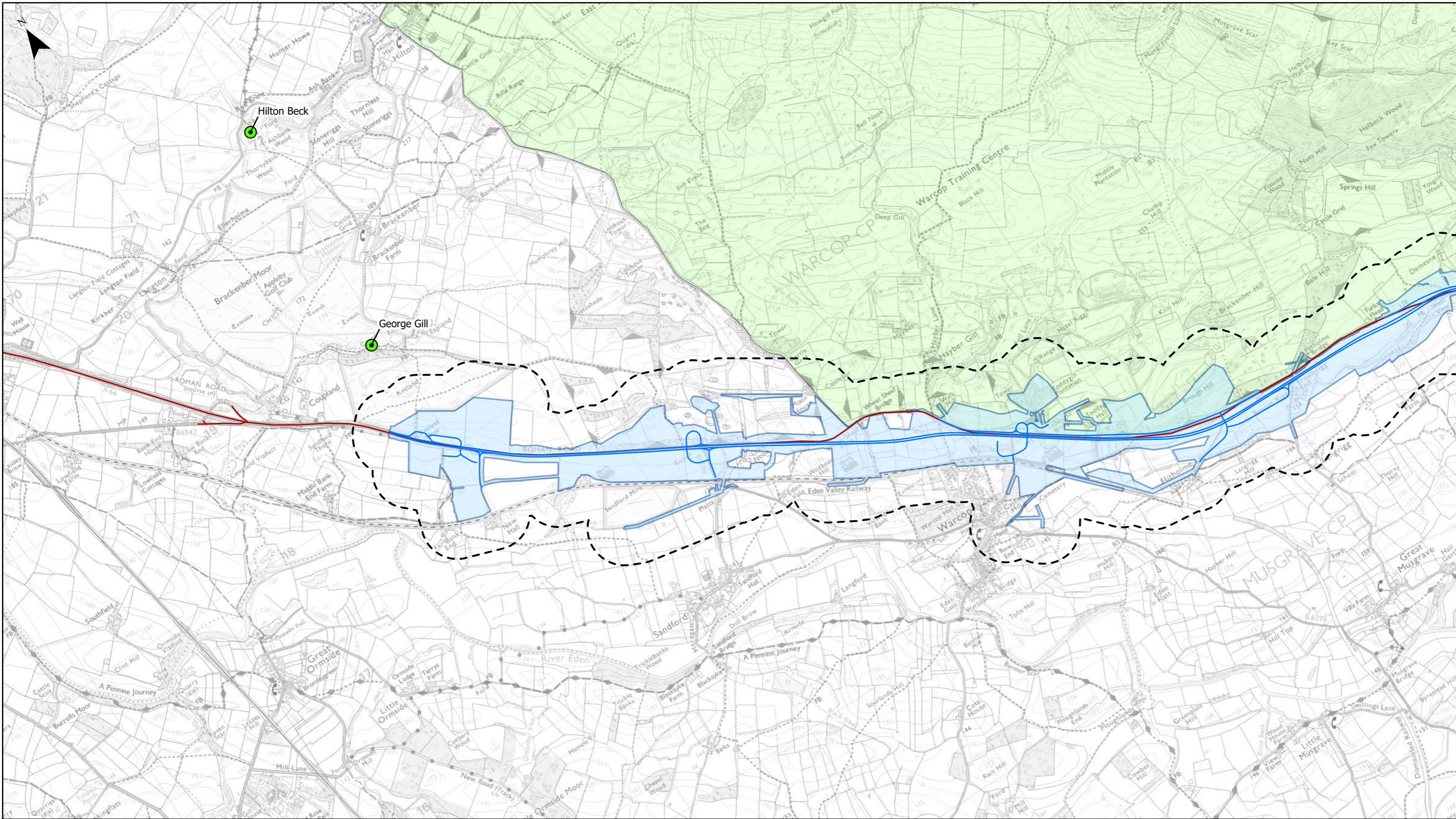
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Sheet 10 of 19
Appleby to Brough
Black-Black-Black Alternative

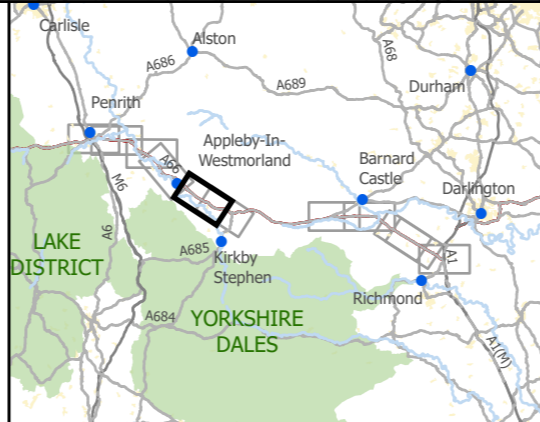
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HE565627	-	AMY	-
S00	-	MP	-
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [Dashed Box] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [Grey Box] Scheme
 [Black Box] Black Alternative
 [Blue Box] Blue Alternative
 [Orange Box] Orange Alternative
 [Red Box] Red Alternative

[Green Circle] Geodiversity Sites
 [Green Shaded Area] UNESCO Global Geopark

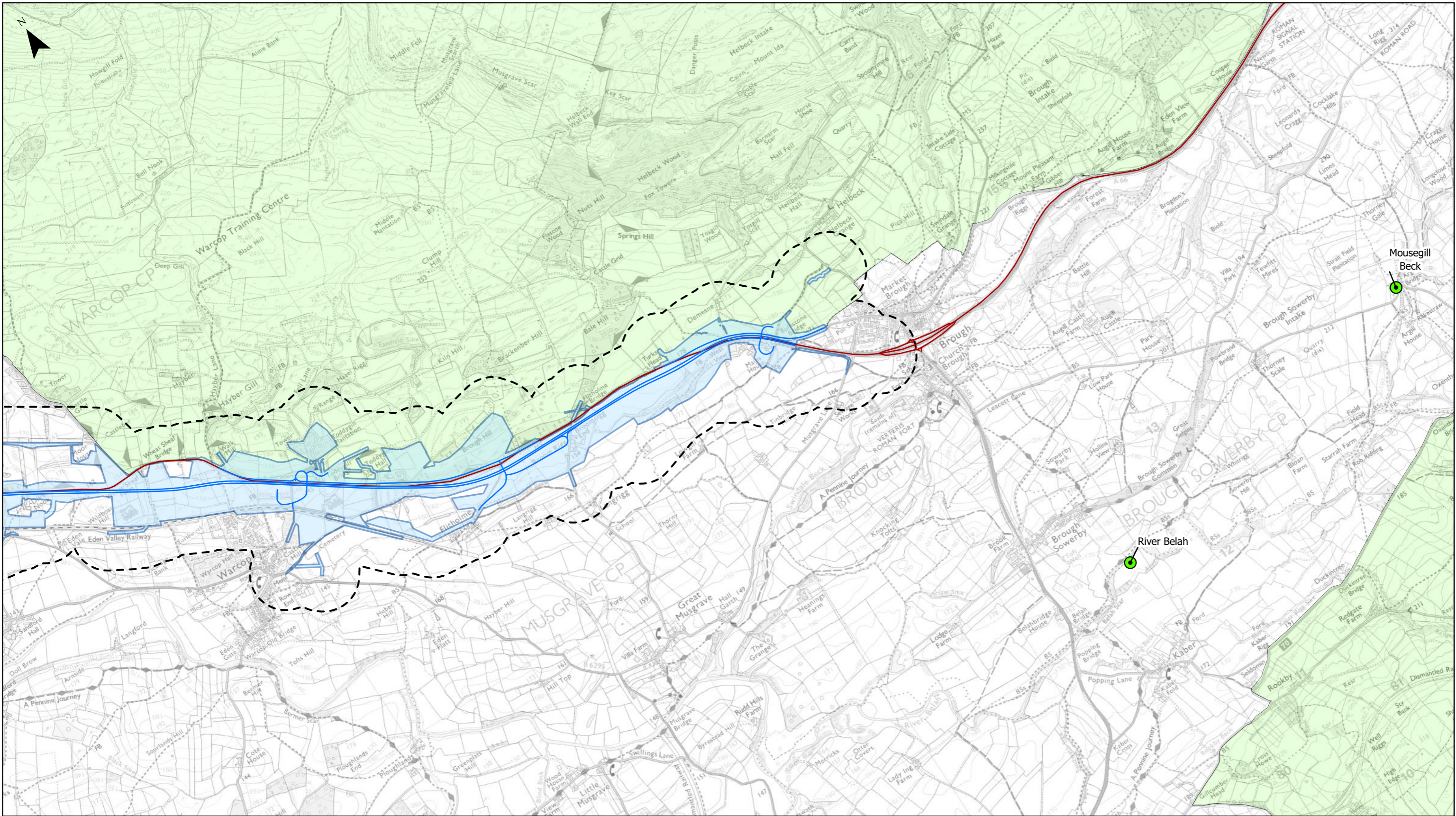


P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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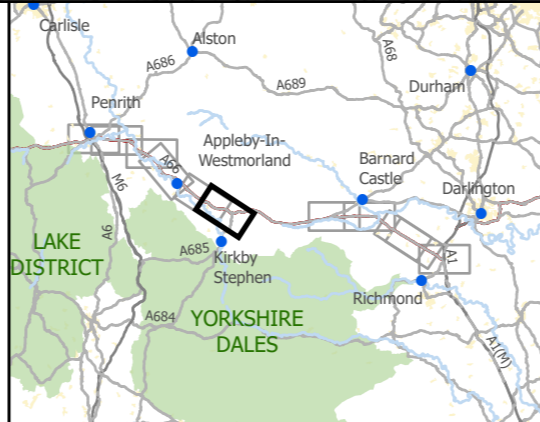
Project Name			
A66 Northern Trans-Pennine			
Map Title			
Figure 9.4			
Geodiversity Sites			
Sheet 11 of 19			
Appley to Brough			
Black-Blue-Black Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP	- LG - 005051
Location	Type	Role	Number
Suitability	Suitability Description		Revision
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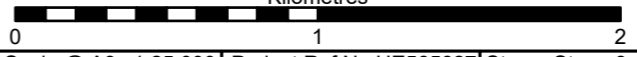
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

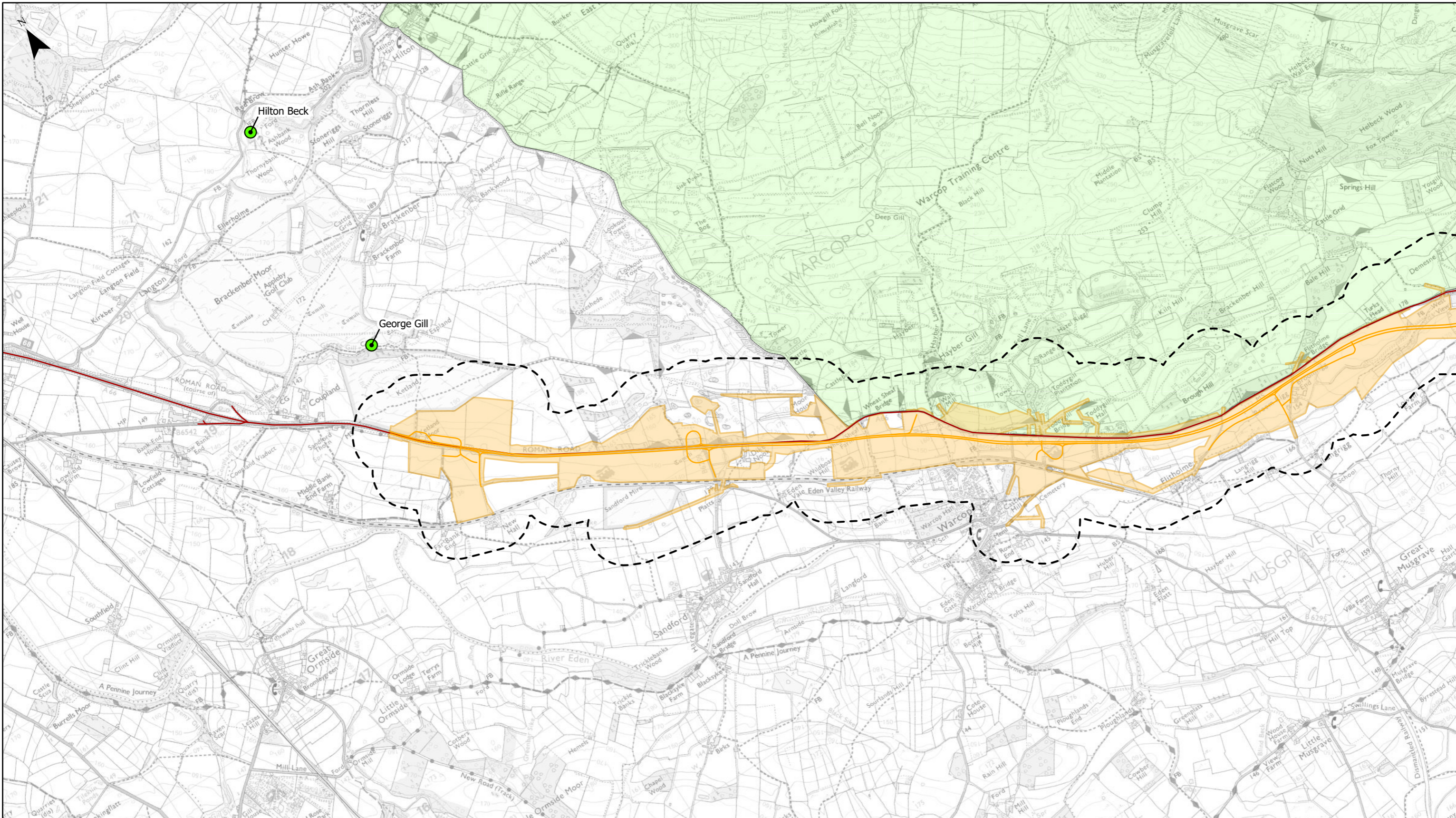
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Geodiversity Sites
 Sheet 12 of 19

Appley to Brough
 Black-Blue-Black Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP	LG
Location	Type	Role	Number

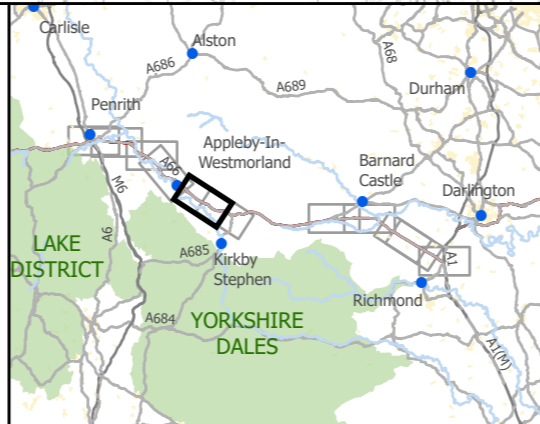
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01





- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- ▭ Study Area 250m

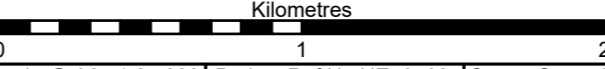
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- ▭ Scheme
 - ▭ Black Alternative
 - ▭ Blue Alternative
 - ▭ Orange Alternative
 - ▭ Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark



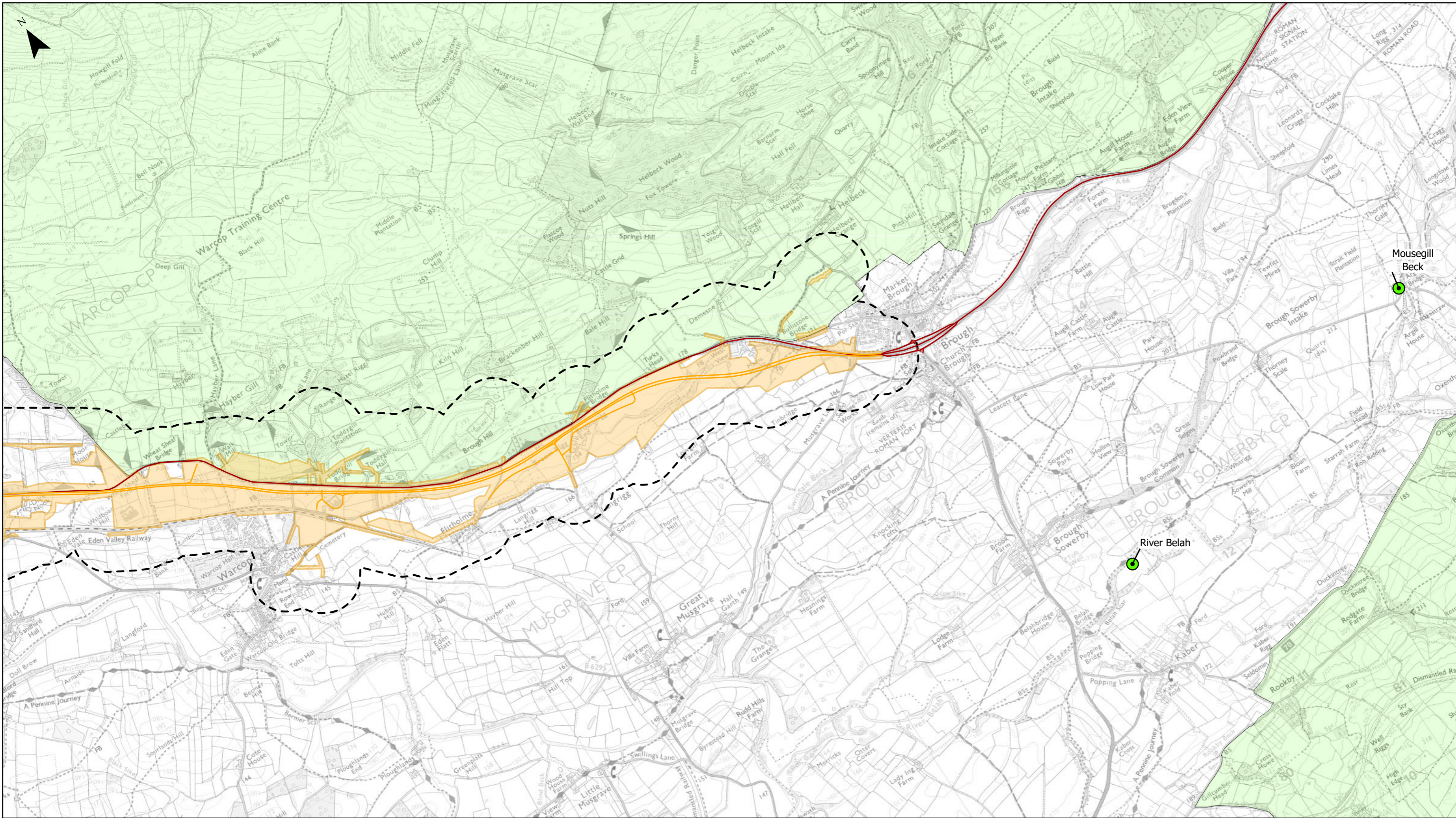
P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



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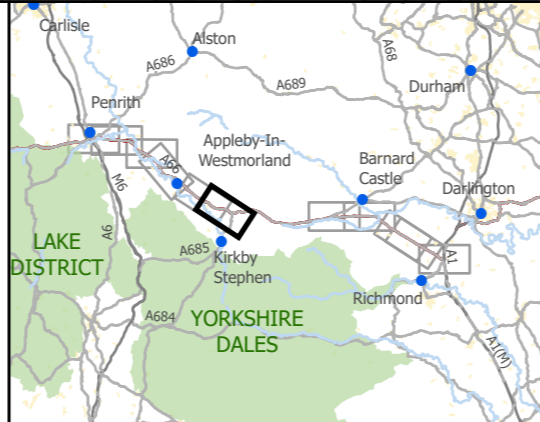
Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.4			
Geodiversity Sites Sheet 13 of 19			
Appley to Brough Black-Black-Orange Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005053
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01





- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

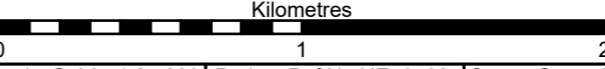
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark



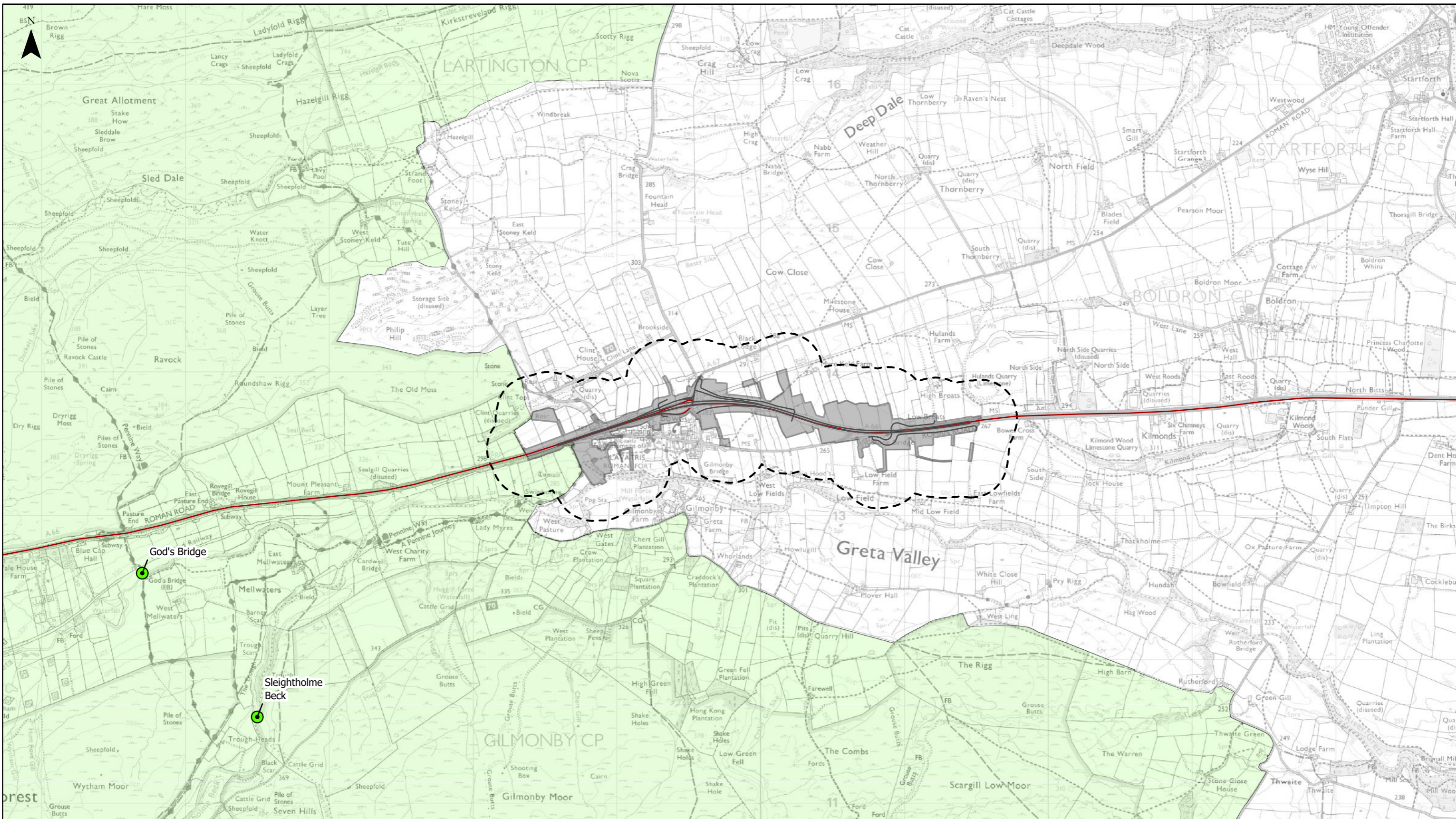
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	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



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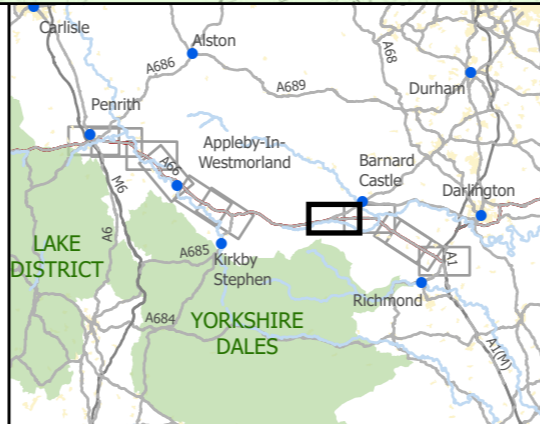
Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.4			
Sheet 14 of 19			
Appley to Brough			
Black-Black-Orange Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005054
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01





- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

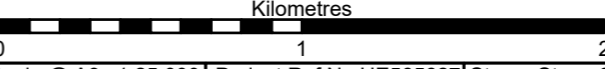
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark



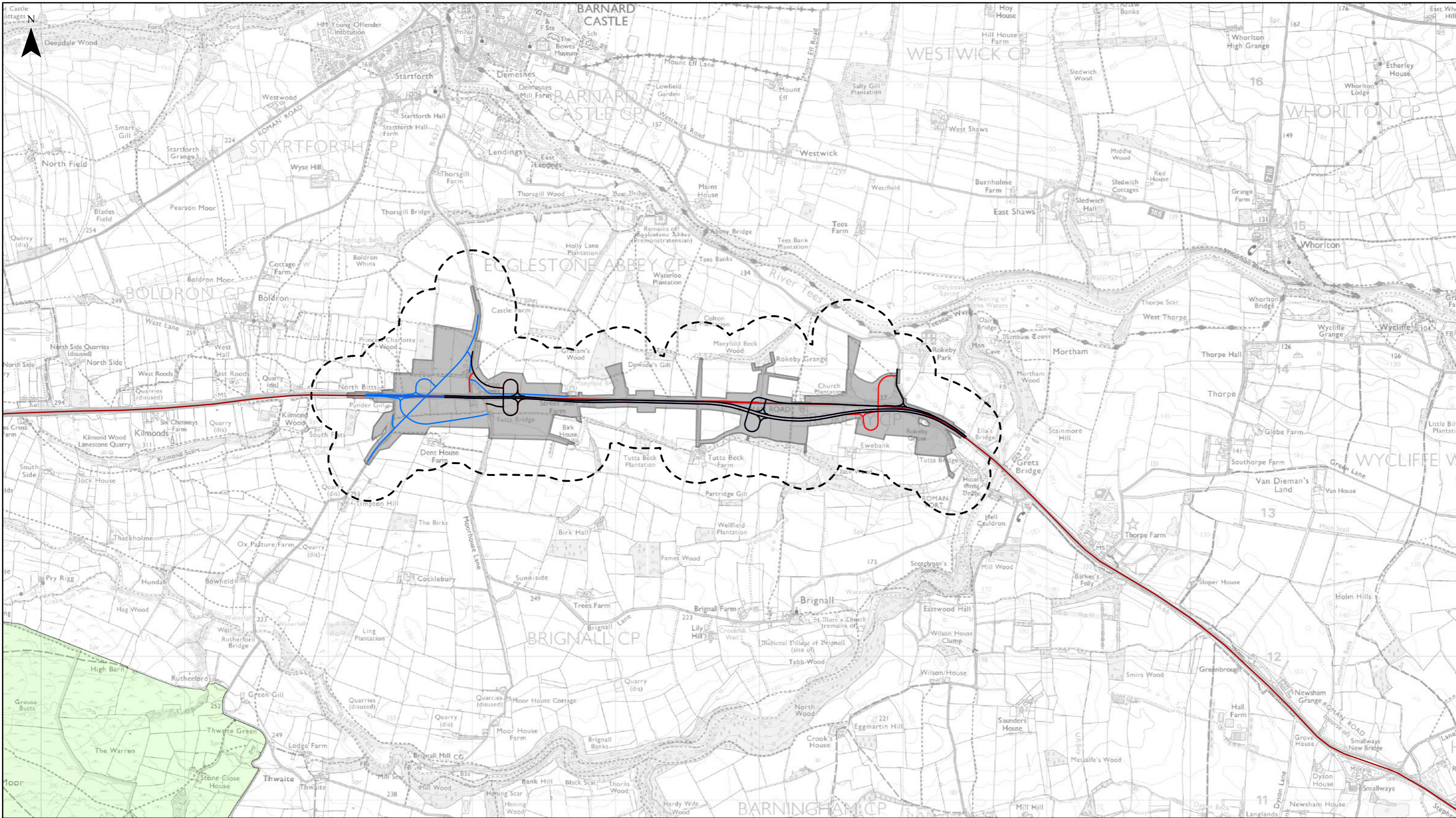



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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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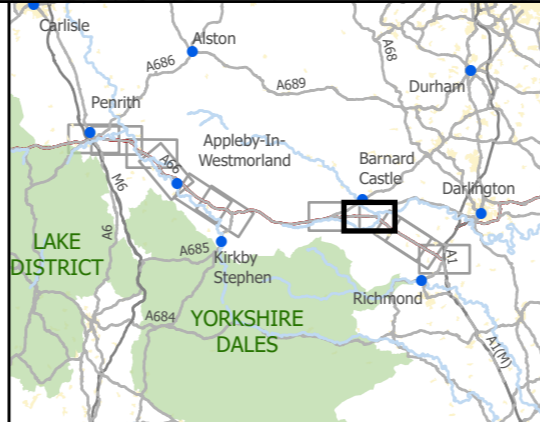
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Map Title Figure 9.4			
Geodiversity Sites Sheet 15 of 19			
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Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005055
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark

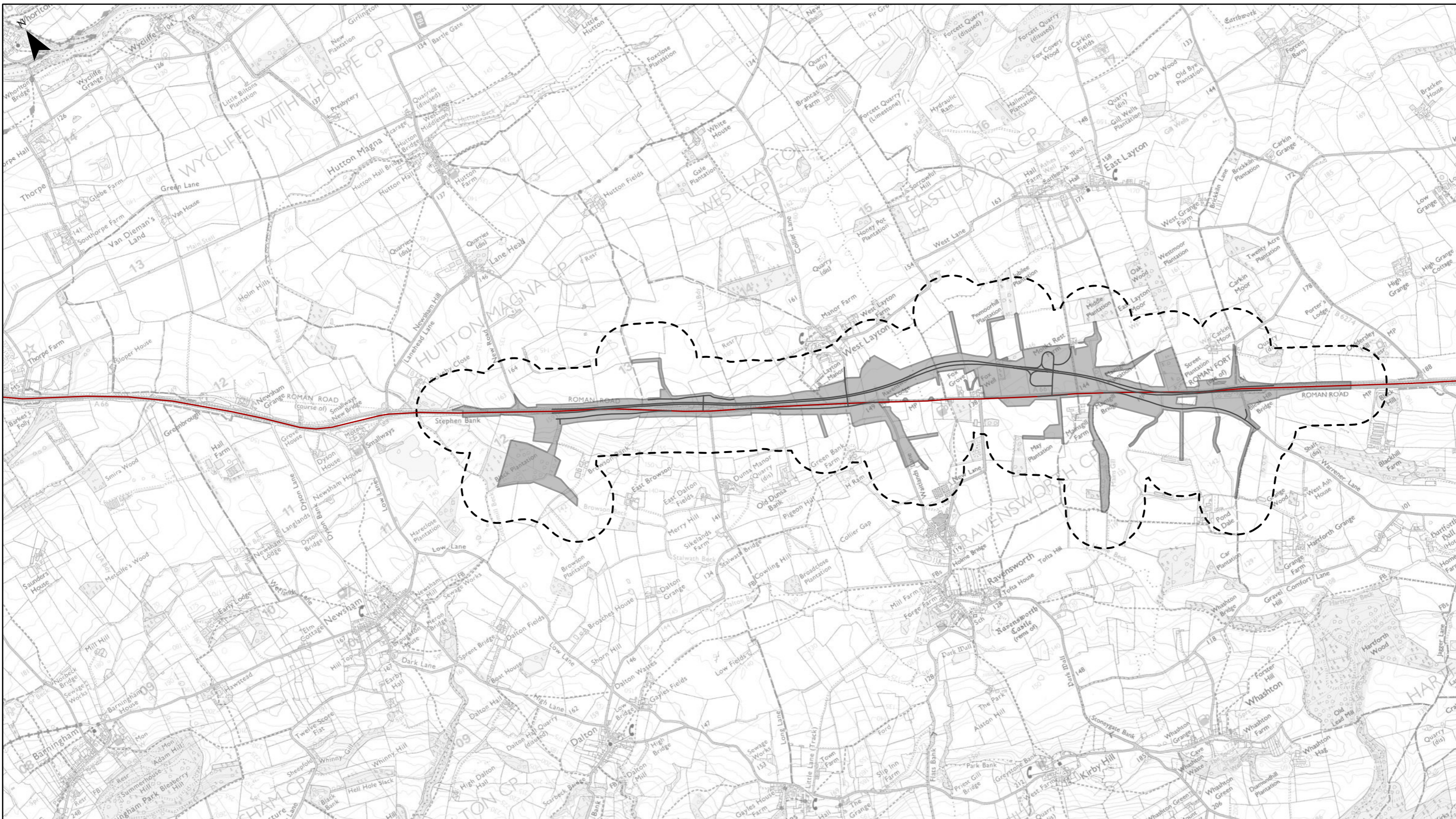


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Revision	Created	Checked	Reviewed	Approved	Authorised

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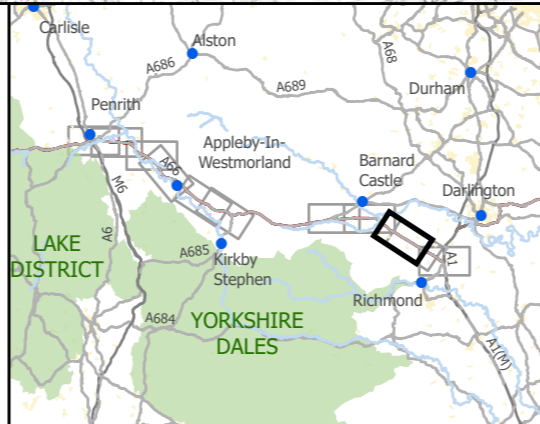
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Map Title Figure 9.4			
Geodiversity Sites Sheet 16 of 19			
Cross Lanes to Rokeby All Alternatives			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00		- MP - LG - 005056	
Location		Type	Role
S4		FIT FOR STAGE APPROVAL	
Suitability Description			Revision
S4			P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [] Scheme
 [] Black Alternative
 [] Blue Alternative
 [] Orange Alternative
 [] Red Alternative

● Geodiversity Sites
 [] UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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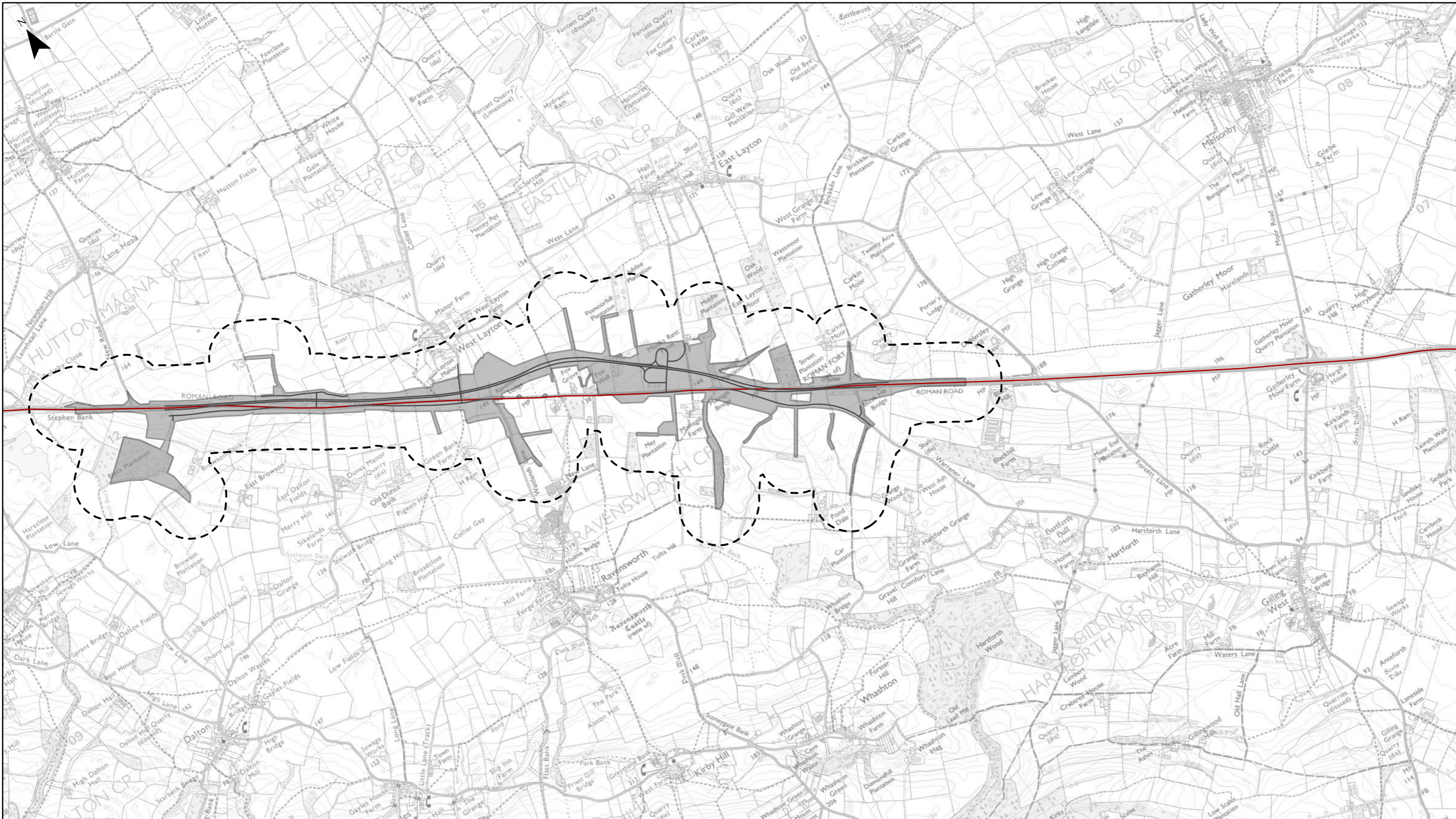
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.4

Geodiversity Sites
 Sheet 17 of 19
 Stephen Bank to Carkin Moor
 Scheme Centreline

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LG	-
Location	Type	Role	Number

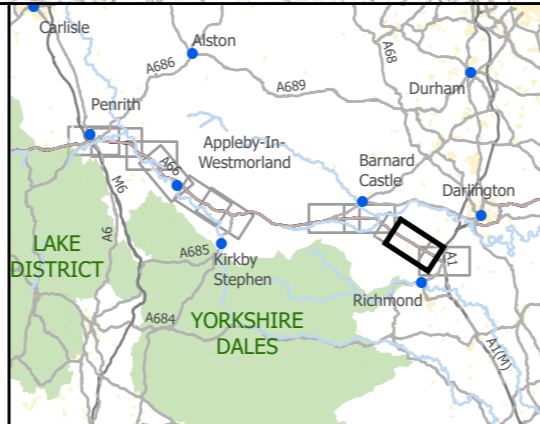
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Geodiversity Sites
- UNESCO Global Geopark

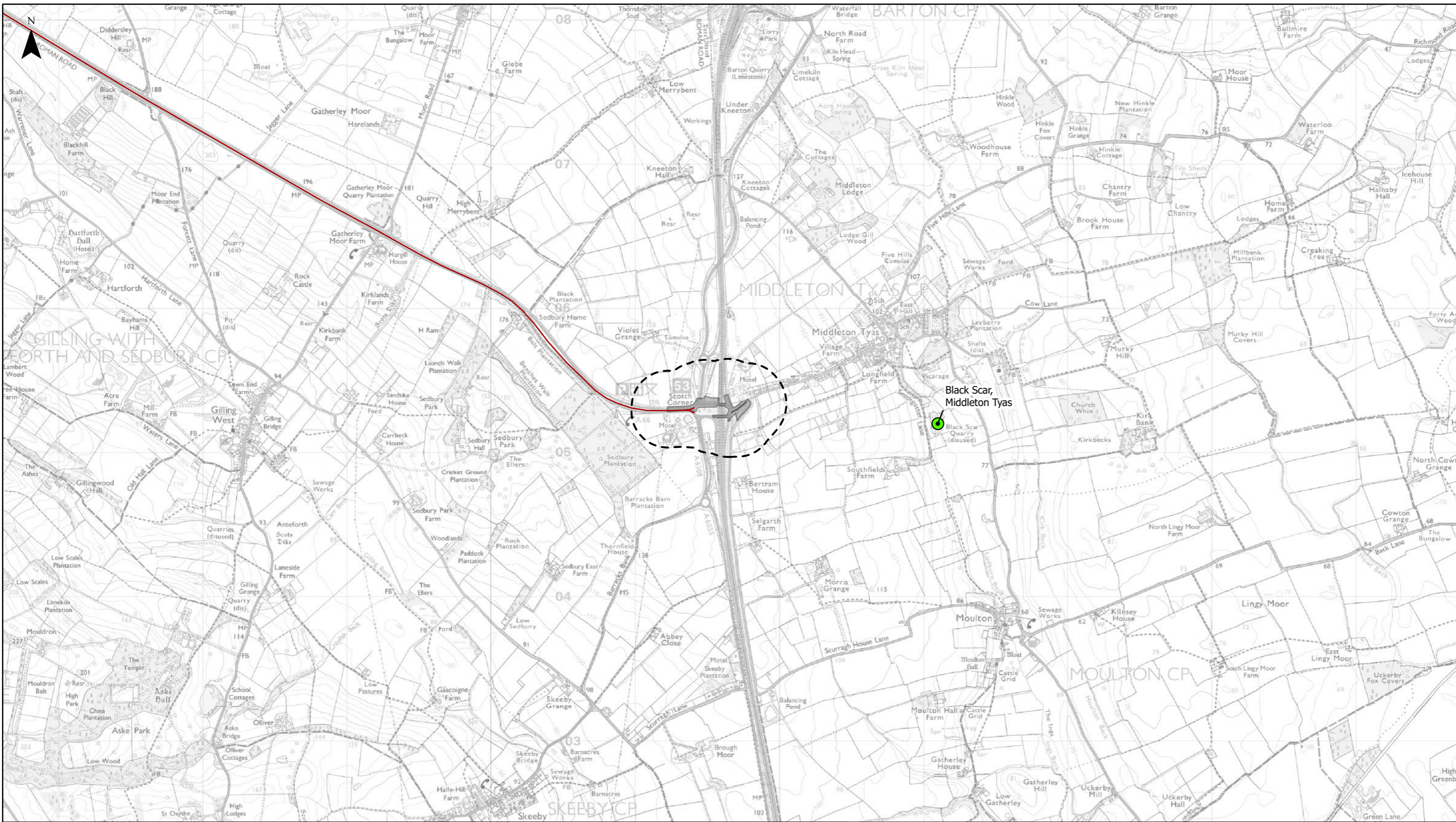


P01	First Issue				
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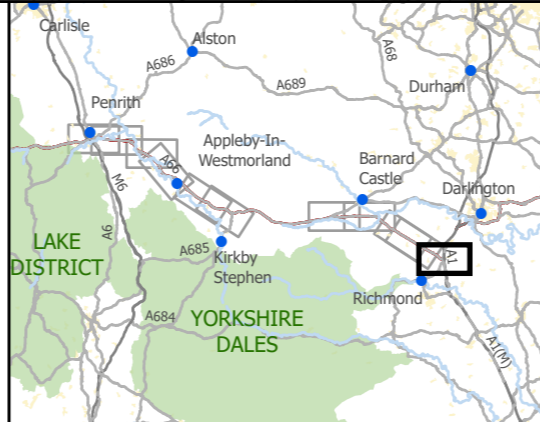
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Map Title Figure 9.4			
Geodiversity Sites Sheet 18 of 19			
Stephen Bank to Carkin Moor Scheme Centreline			
Map Number	Project	Originator	Volume
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S00	-	MP - LG	- 005058
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



— Scheme Centreline
 — Black Alternative
 — Blue Alternative
 — Orange Alternative
 — Red Alternative
 — Existing A66
 [] Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation
 [] Scheme
 [] Black Alternative
 [] Blue Alternative
 [] Orange Alternative
 [] Red Alternative

● Geodiversity Sites
 [] UNESCO Global Geopark



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
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Revision	Created	Checked	Reviewed	Approved	Authorised

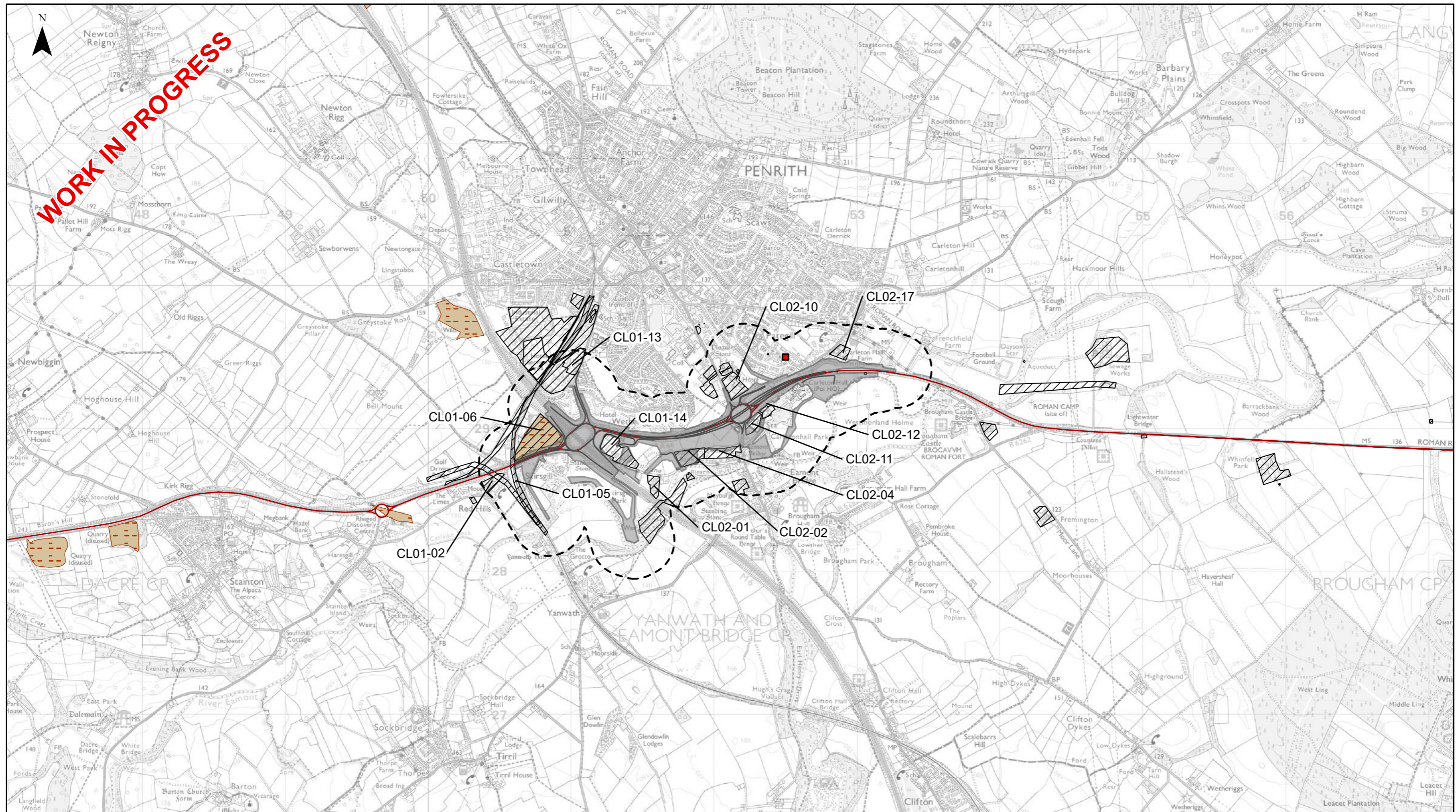
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.4			
Geodiversity Sites Sheet 19 of 19			
A1(M) Junction 53 Scotch Corner			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
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Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01



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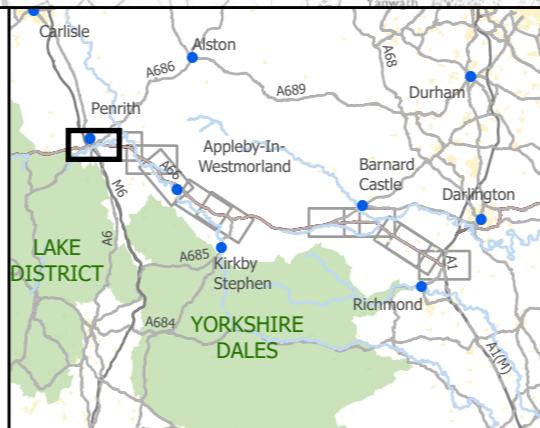


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

- Local Authority Recorded Landfills
- ▨ Potential Land Contaminated Sites
- ▨ Registered Landfill Sites
- ▨ Historic Landfill Site

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



highways england **A66 NTP** Integrated Project Team

P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.5			
Potential Contamination Sources			
Sheet 1 of 19			
M6 Junction 40 to Kemplay Bank			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005060
Location	Type	Role	Number
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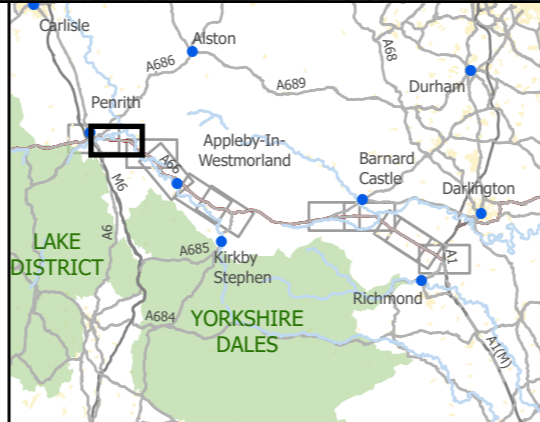


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- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

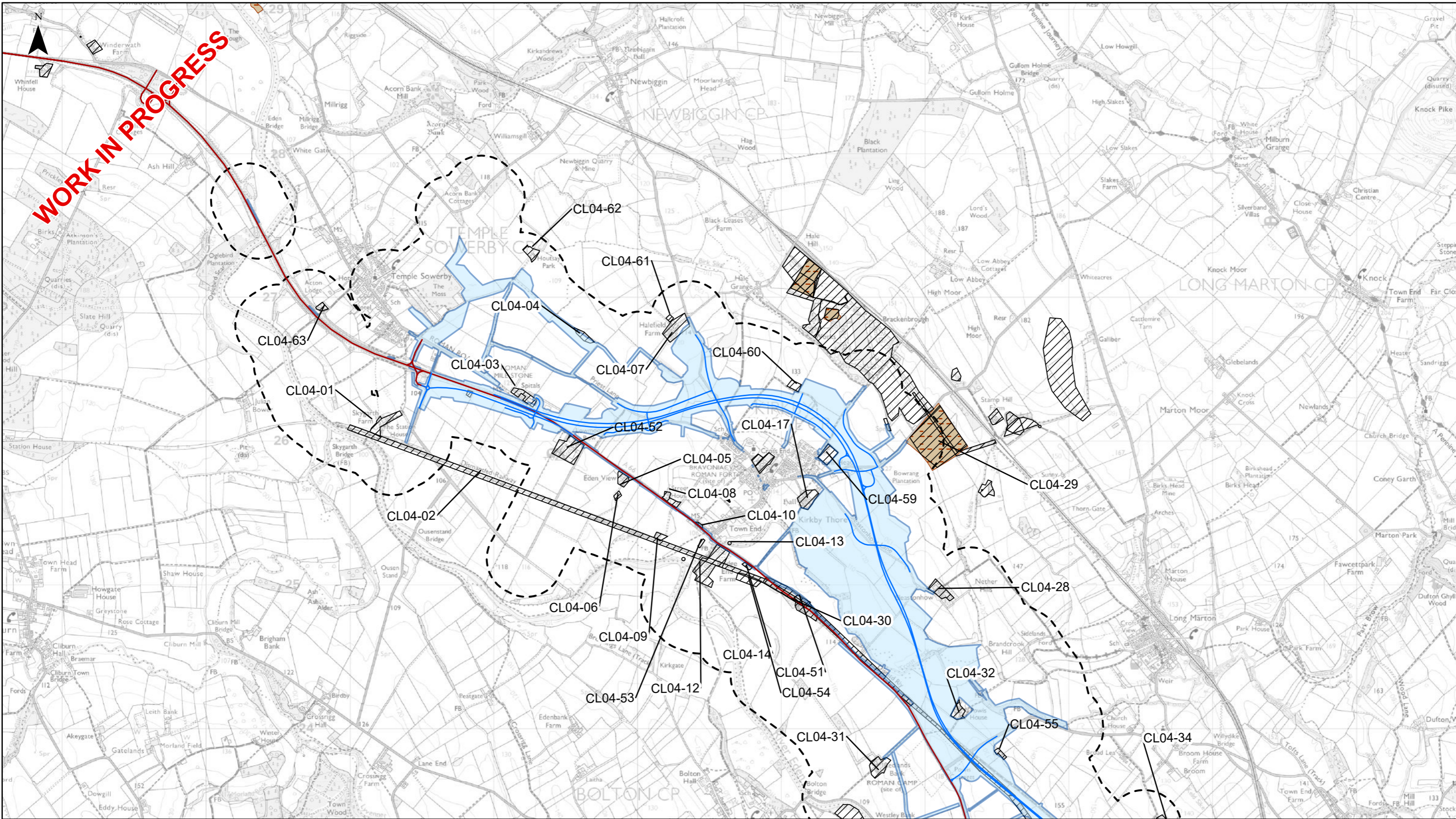
- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised
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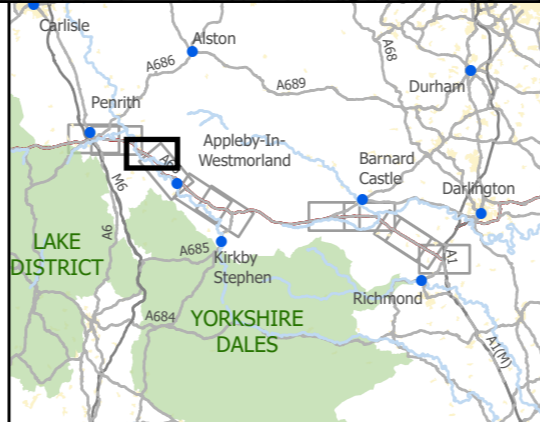
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Map Title Figure 9.5			
Potential Contamination Sources			
Sheet 2 of 19			
Penrith to Temple Sowerby			
Scheme Centreline			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005061
Location	Type	Role	Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



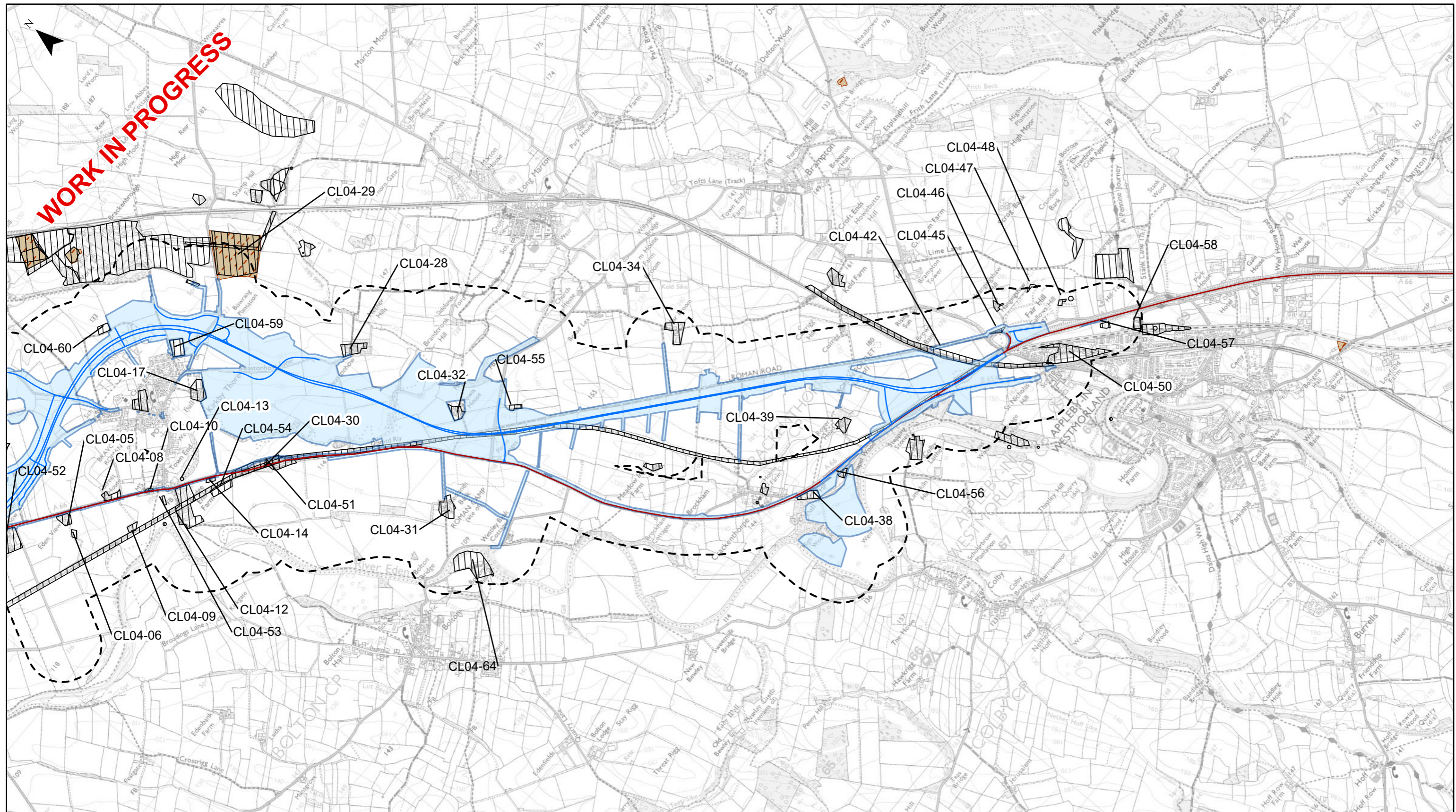
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Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.5			
Potential Contamination Sources			
Sheet 3 of 19			
Temple Sowerby to Appleby			
Blue Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005062
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Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01

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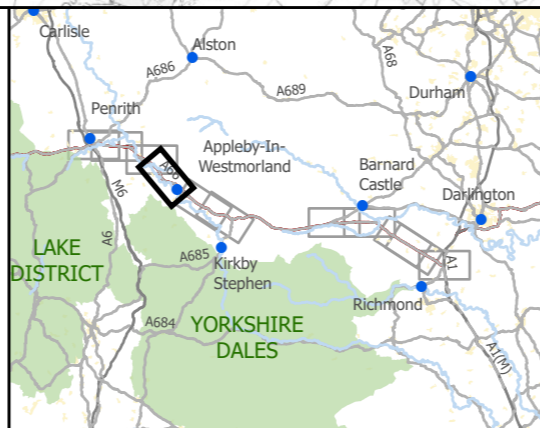
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

Landfill Sites

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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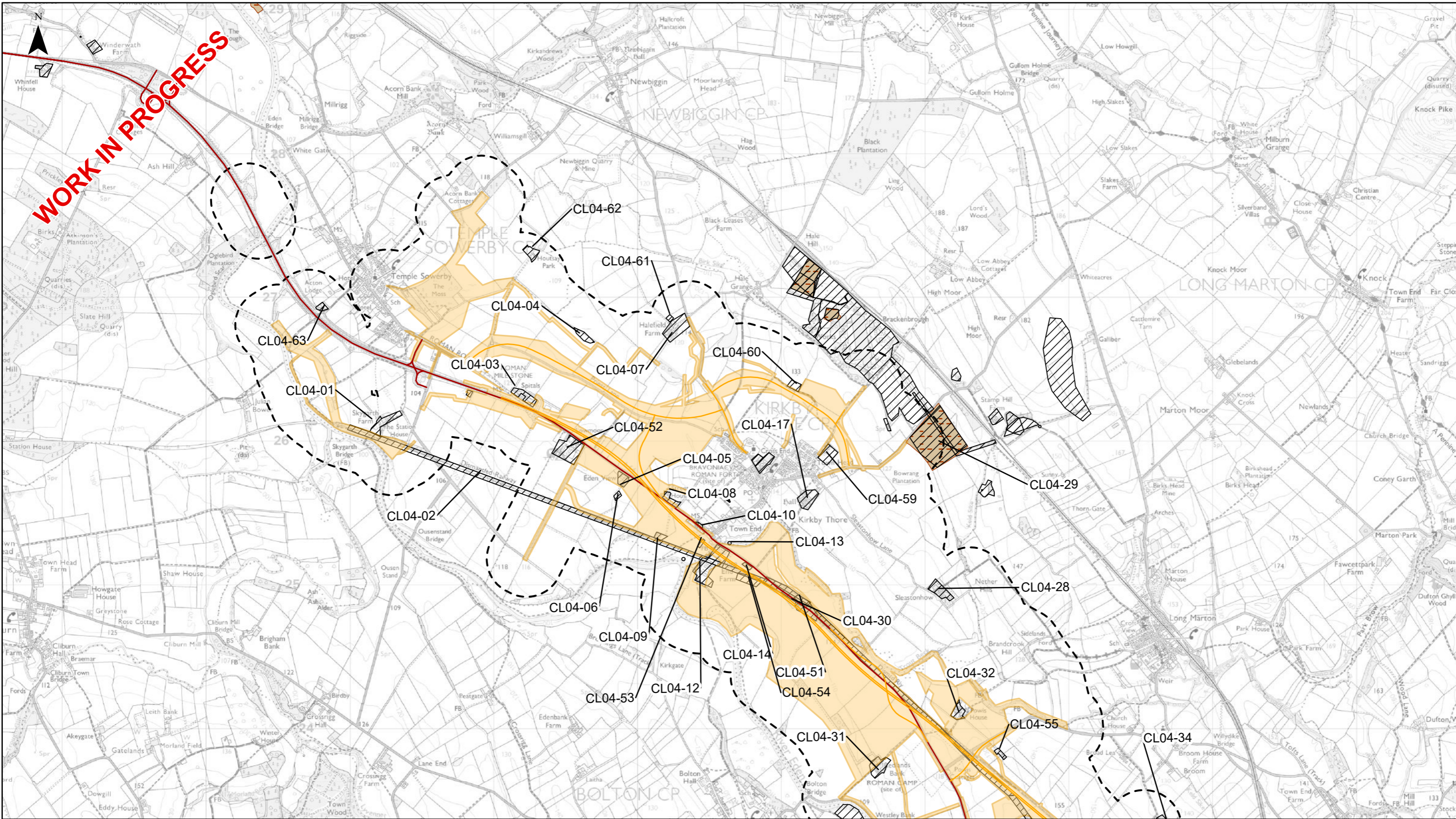
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources
Sheet 4 of 19
Temple Sowerby to Appleby
Blue Alternative

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
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MP - LG	-	-	005063

Suitability	Suitability Description	Revision
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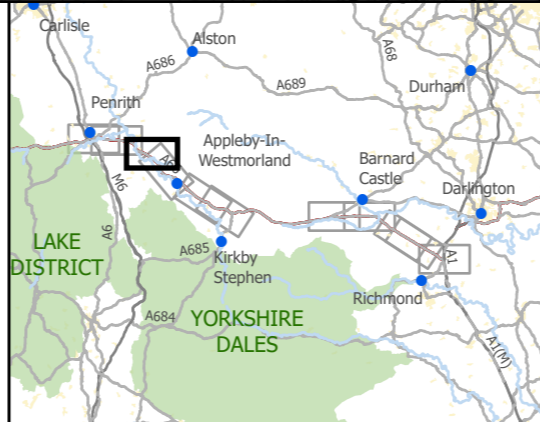


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Legend:

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



highways england **A66 NTP** Integrated Project Team

P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

Kilometres

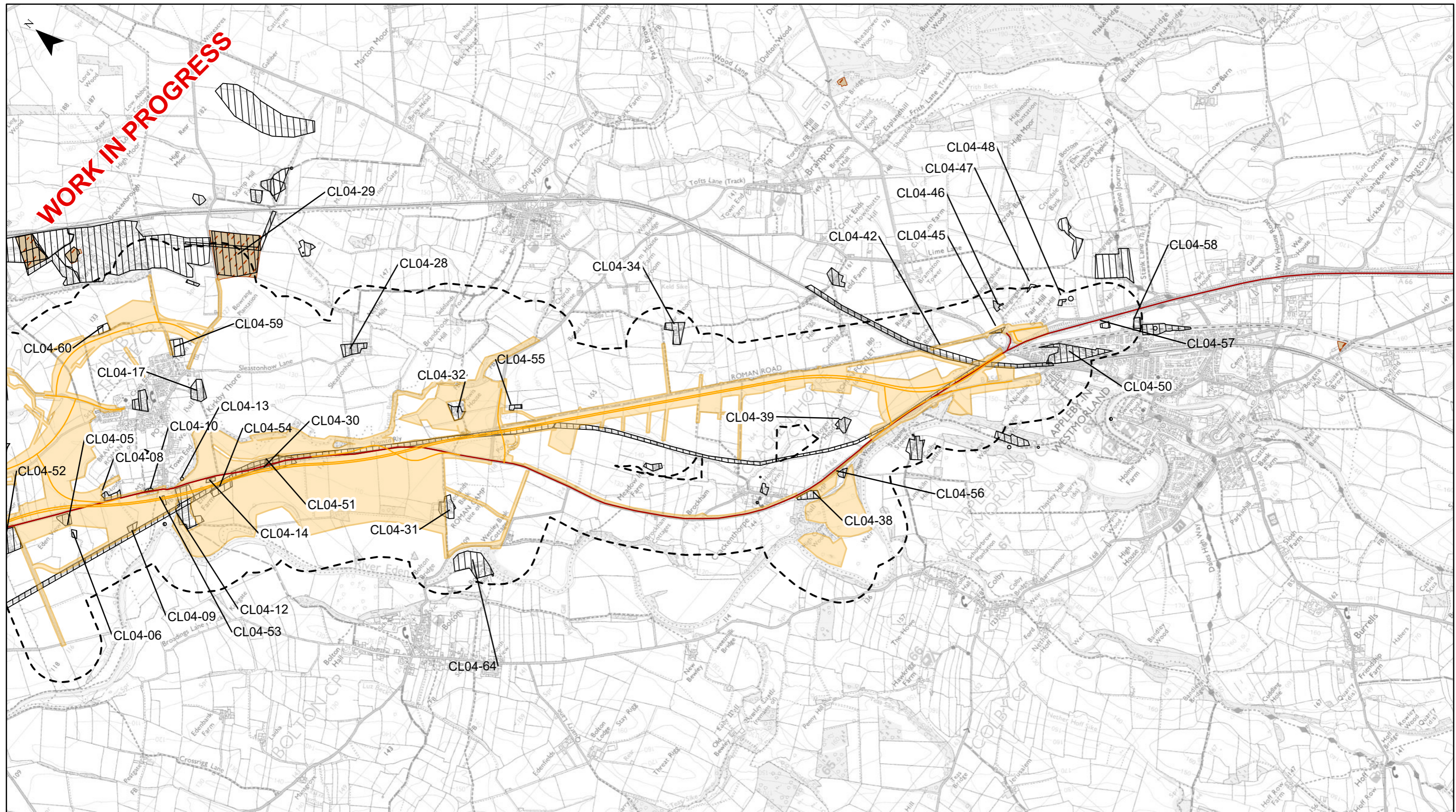
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.5			
Potential Contamination Sources			
Sheet 5 of 19			
Temple Sowerby to Appleby			
Orange Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
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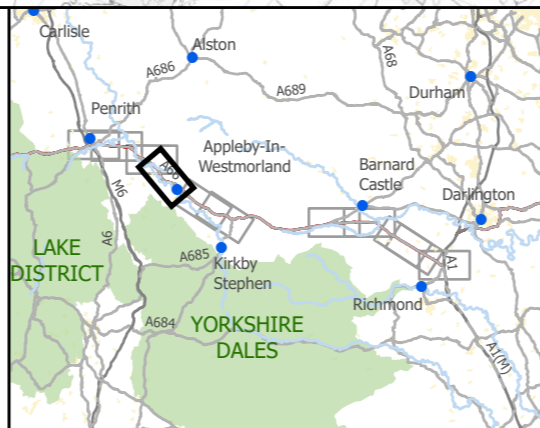
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- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

- Local Authority Recorded Landfills
- ▨ Potential Land Contaminated Sites
- Registered Landfill Sites
- ▨ Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources

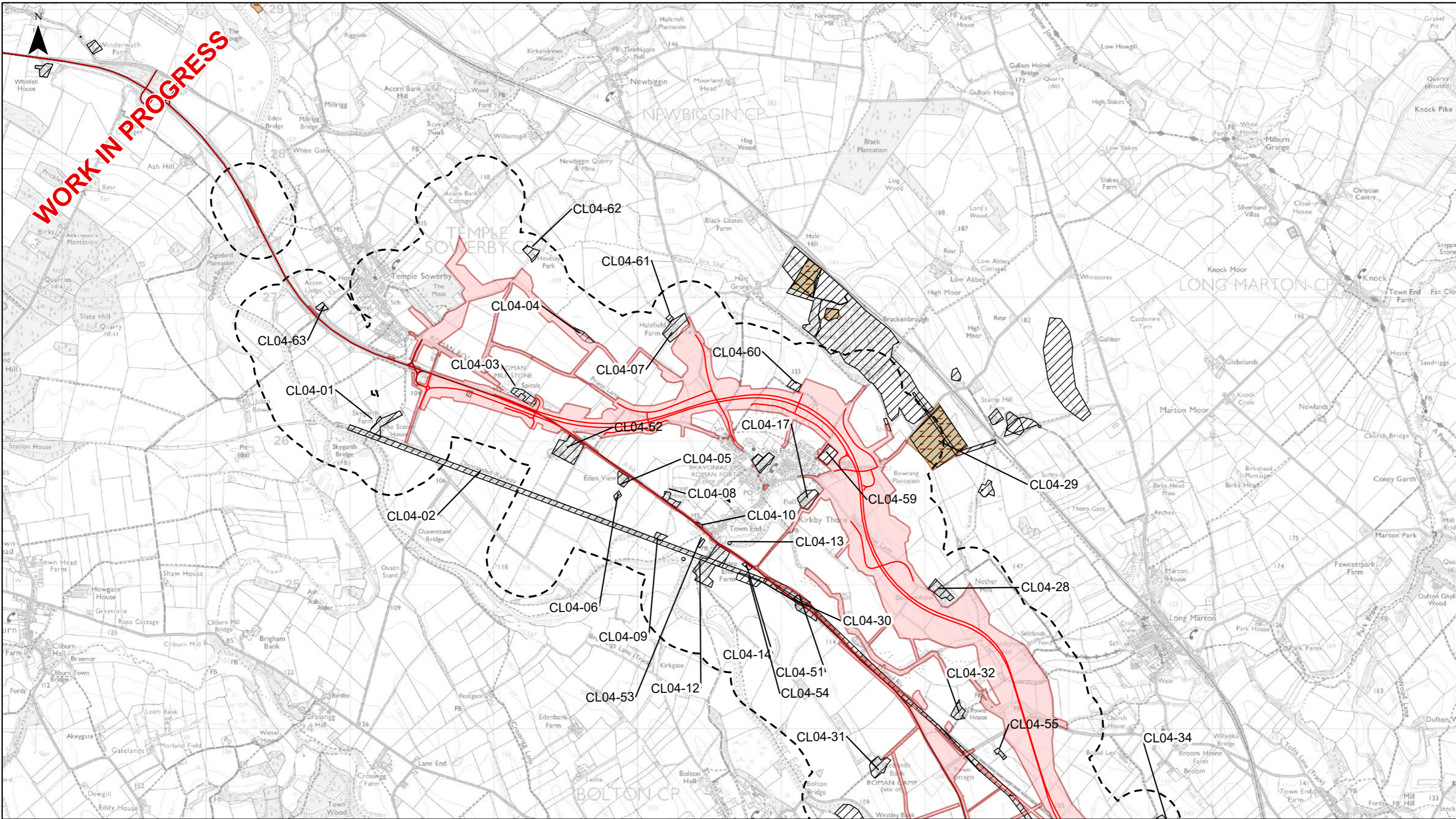
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Temple Sowerby to Appleyby

Orange Alternative

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
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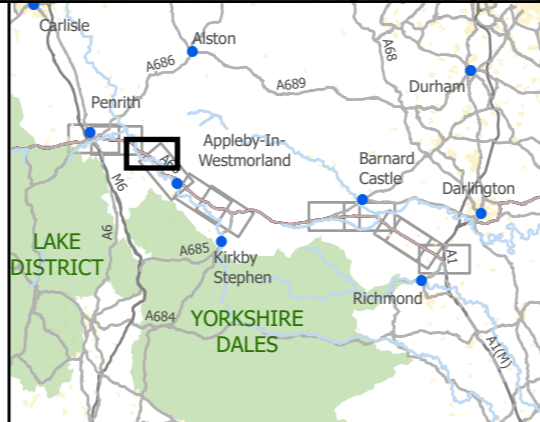
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Proposed Draft DCO Boundary for the Purpose of Consultation**
- Scheme
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



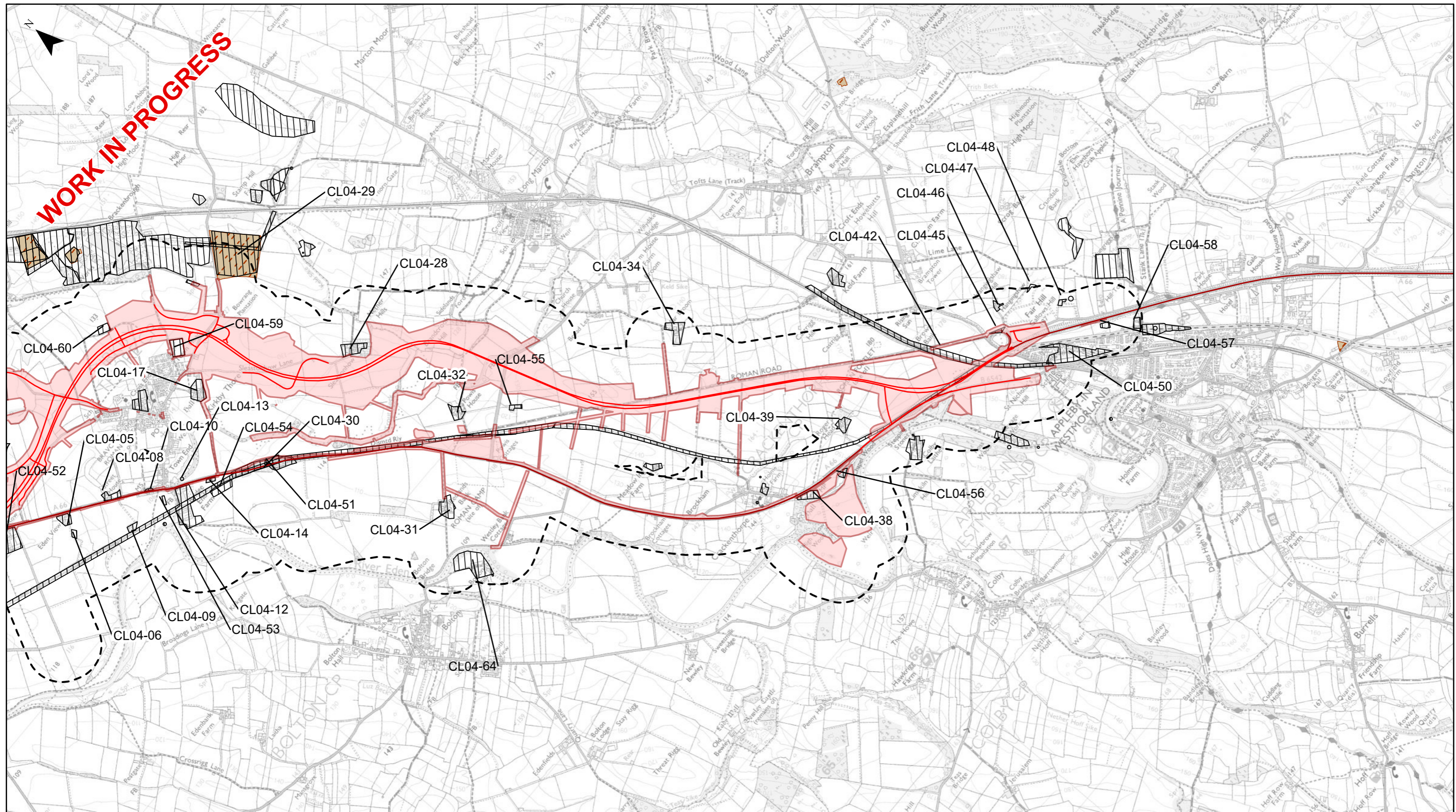
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.5			
Potential Contamination Sources			
Sheet 7 of 19			
Temple Sowerby to Appleby			
Red Alternative			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005066
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01

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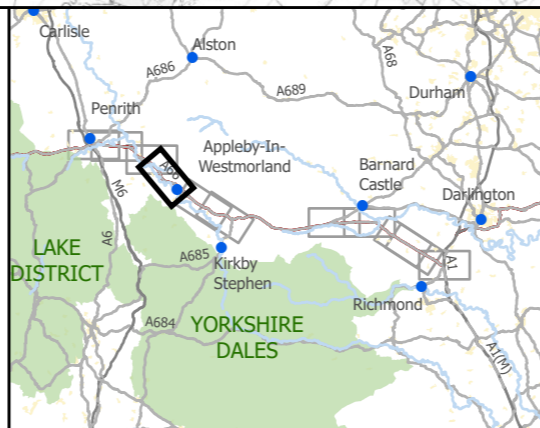
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

Landfills

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
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Kilometres

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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources
Sheet 8 of 19
Temple Sowerby to Appleby
Red Alternative

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
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Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01

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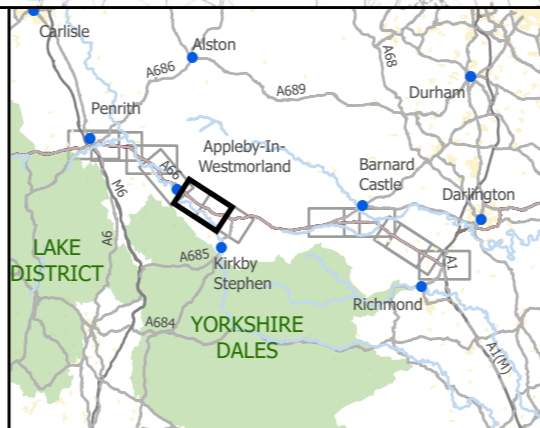


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Legend:

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name: **A66 Northern Trans-Pennine**

Map Title: **Figure 9.5**

Potential Contamination Sources

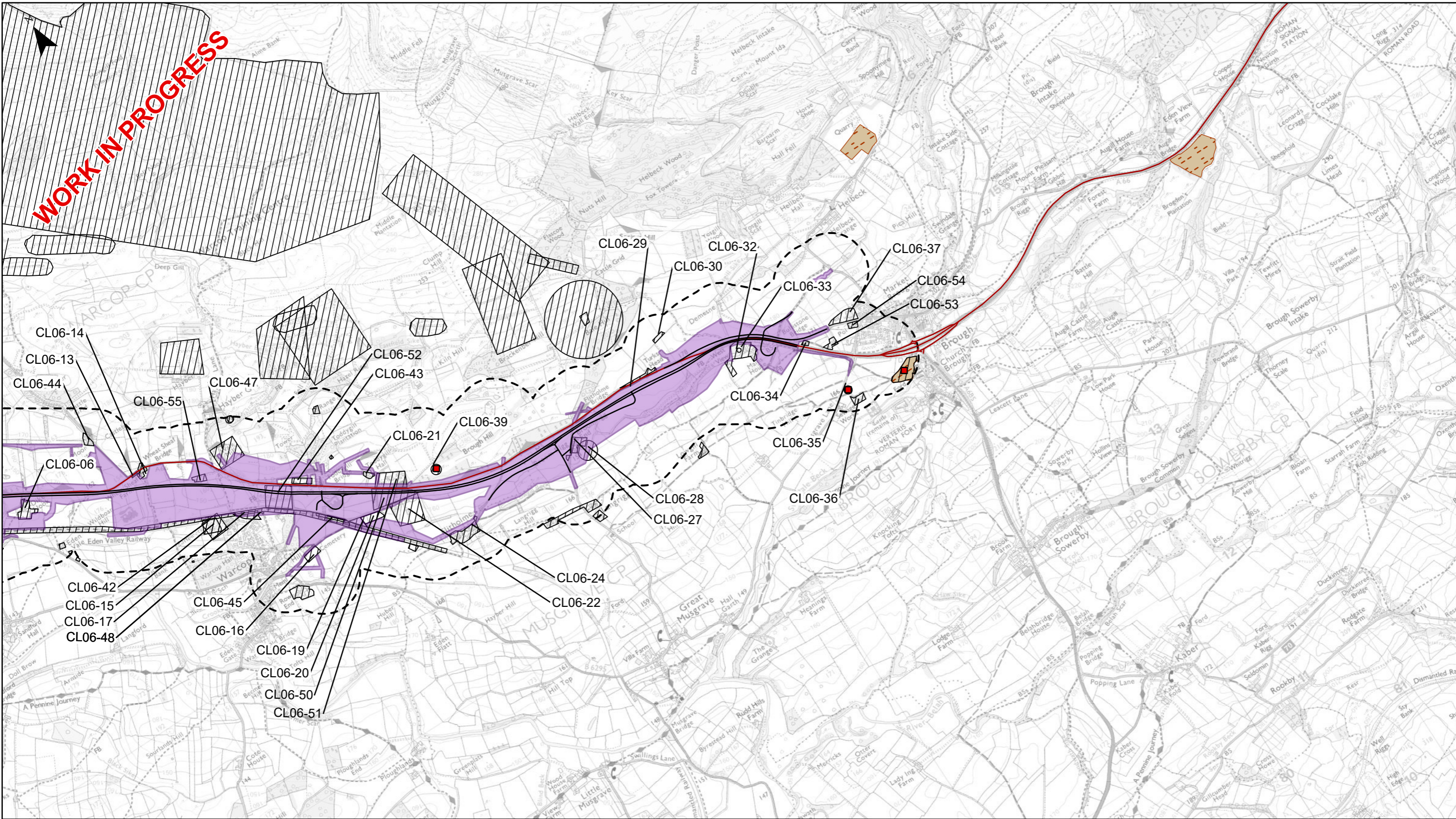
Sheet 9 of 19

Appleby to Brough

Black-Black-Black Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP	- LG - 005068
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



Legend

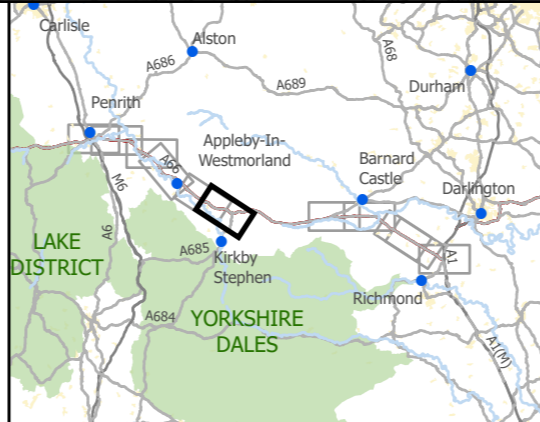
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

Landfill Sites

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



highways england **A66 NTP Integrated Project Team**

P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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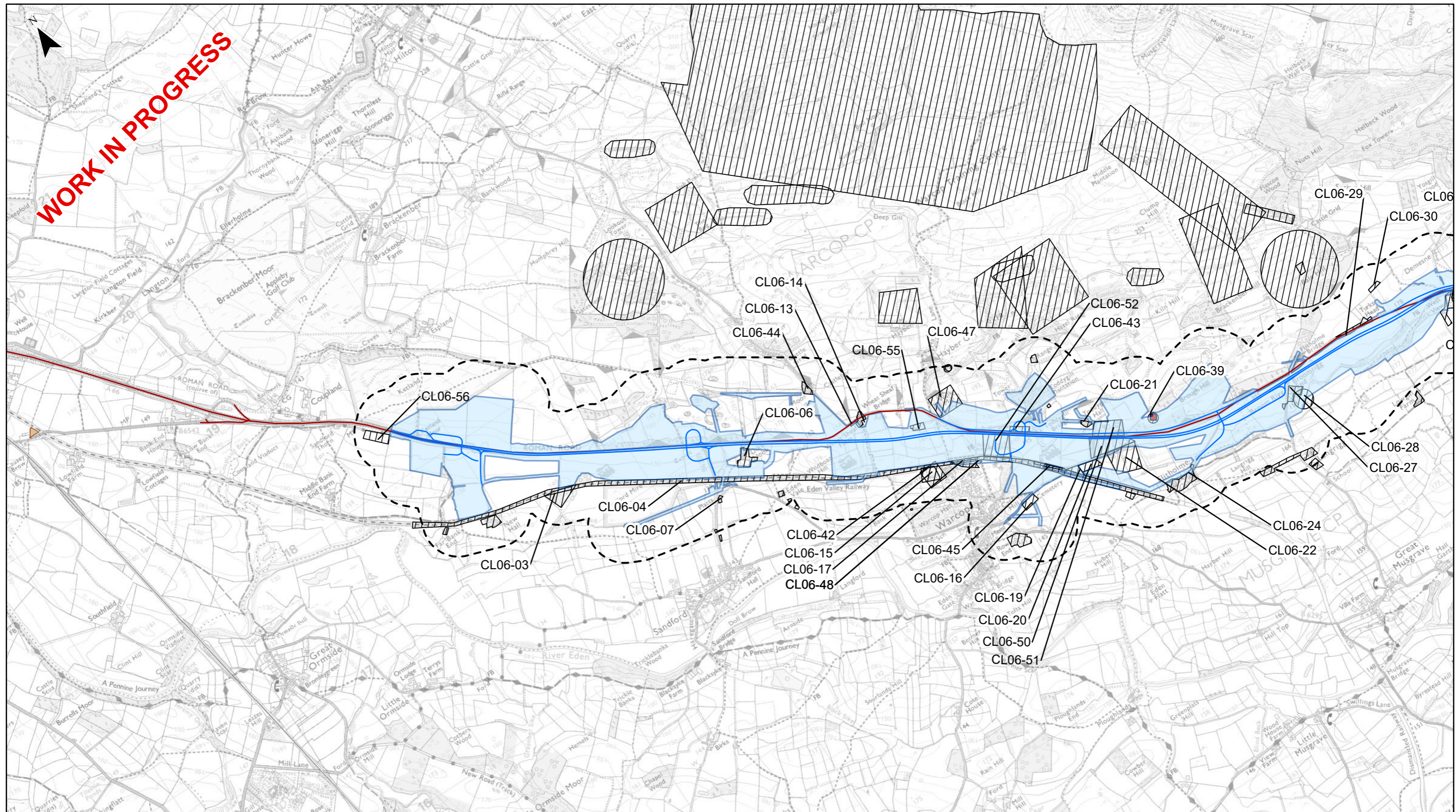
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources
Sheet 10 of 19
Appley to Brough
Black-Black-Black Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LG	-
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01

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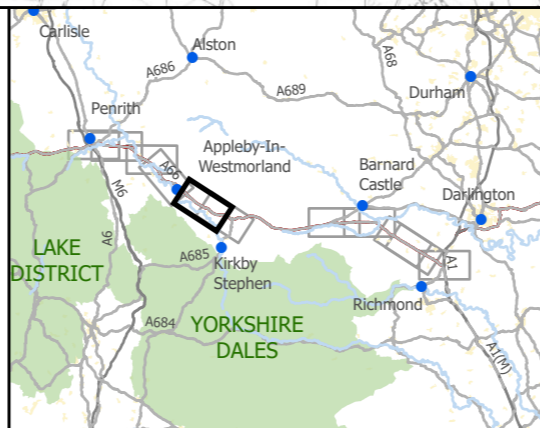


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

Legend:

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name: **A66 Northern Trans-Pennine**

Map Title: **Figure 9.5**

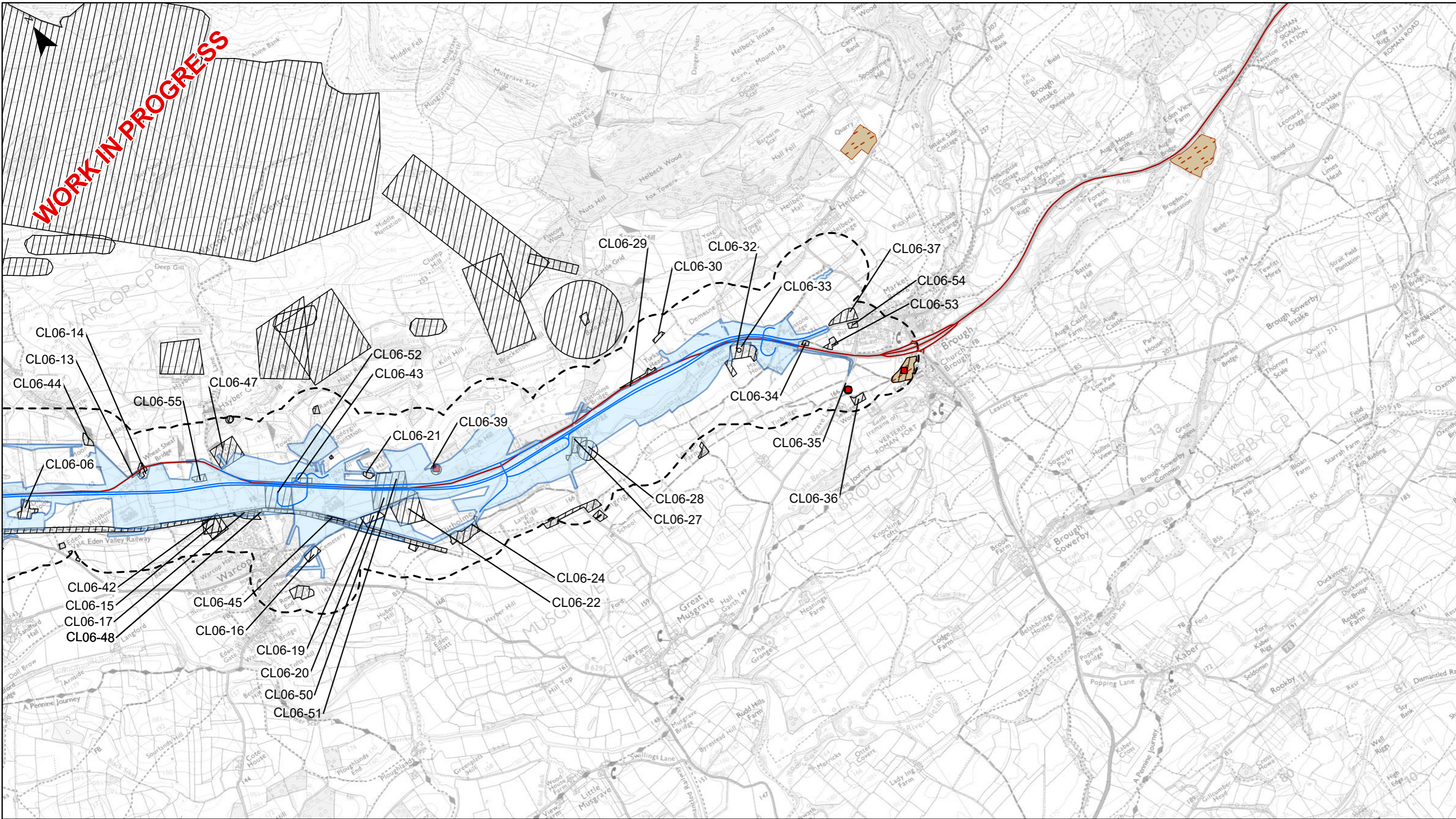
Potential Contamination Sources

Sheet 11 of 19

Appleby to Brough

Black-Blue-Black Alternative

Map Number	Project	Originator	Volume
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S00	-	MP	LG
Location	Type	Role	Number
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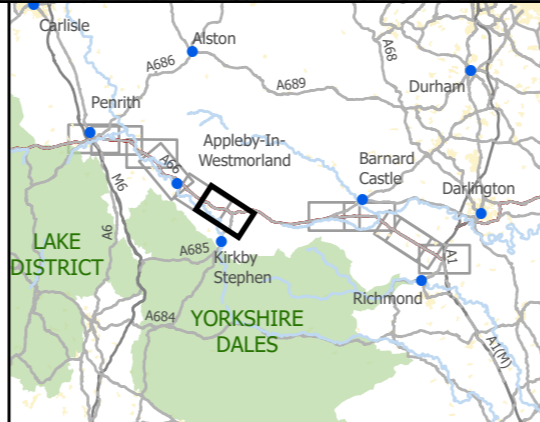


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Legend:

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name: **A66 Northern Trans-Pennine**

Map Title: **Figure 9.5**

Potential Contamination Sources

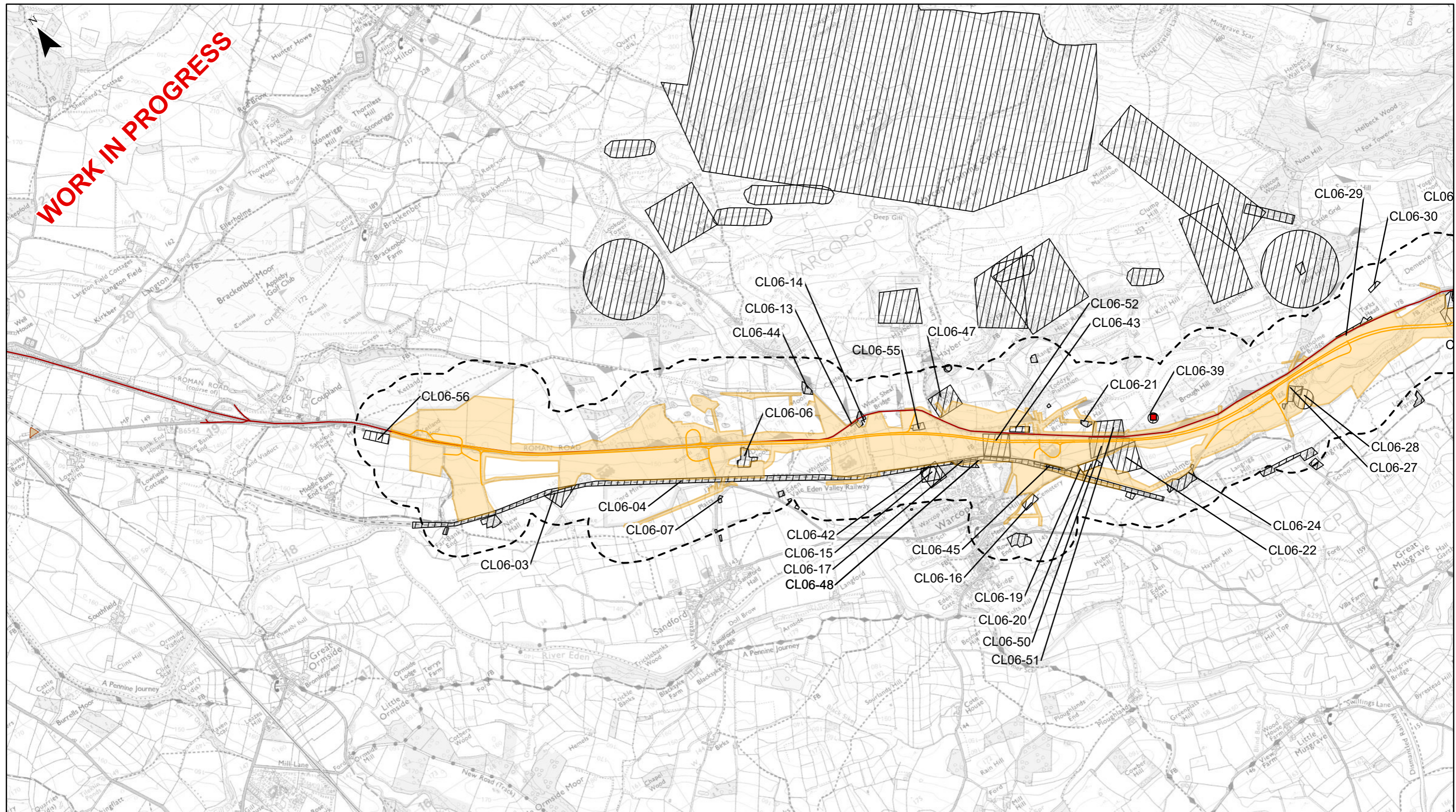
Sheet 12 of 19

Appleby to Brough

Black-Blue-Black Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LG	-
Location	Type	Role	Number
Suitability S4	Suitability Description: FIT FOR STAGE APPROVAL		Revision P01

WORK IN PROGRESS



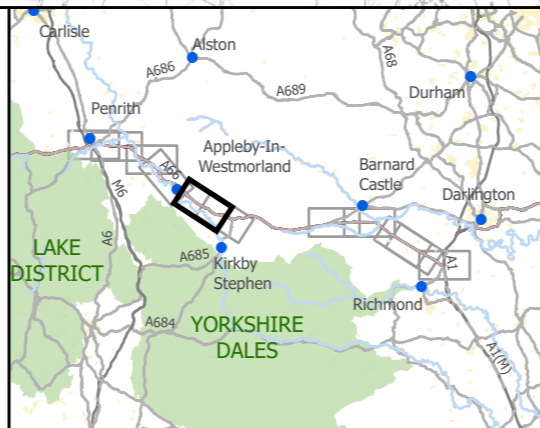
Legend

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

- Local Authority Recorded Landfills
- ▨ Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Kilometres

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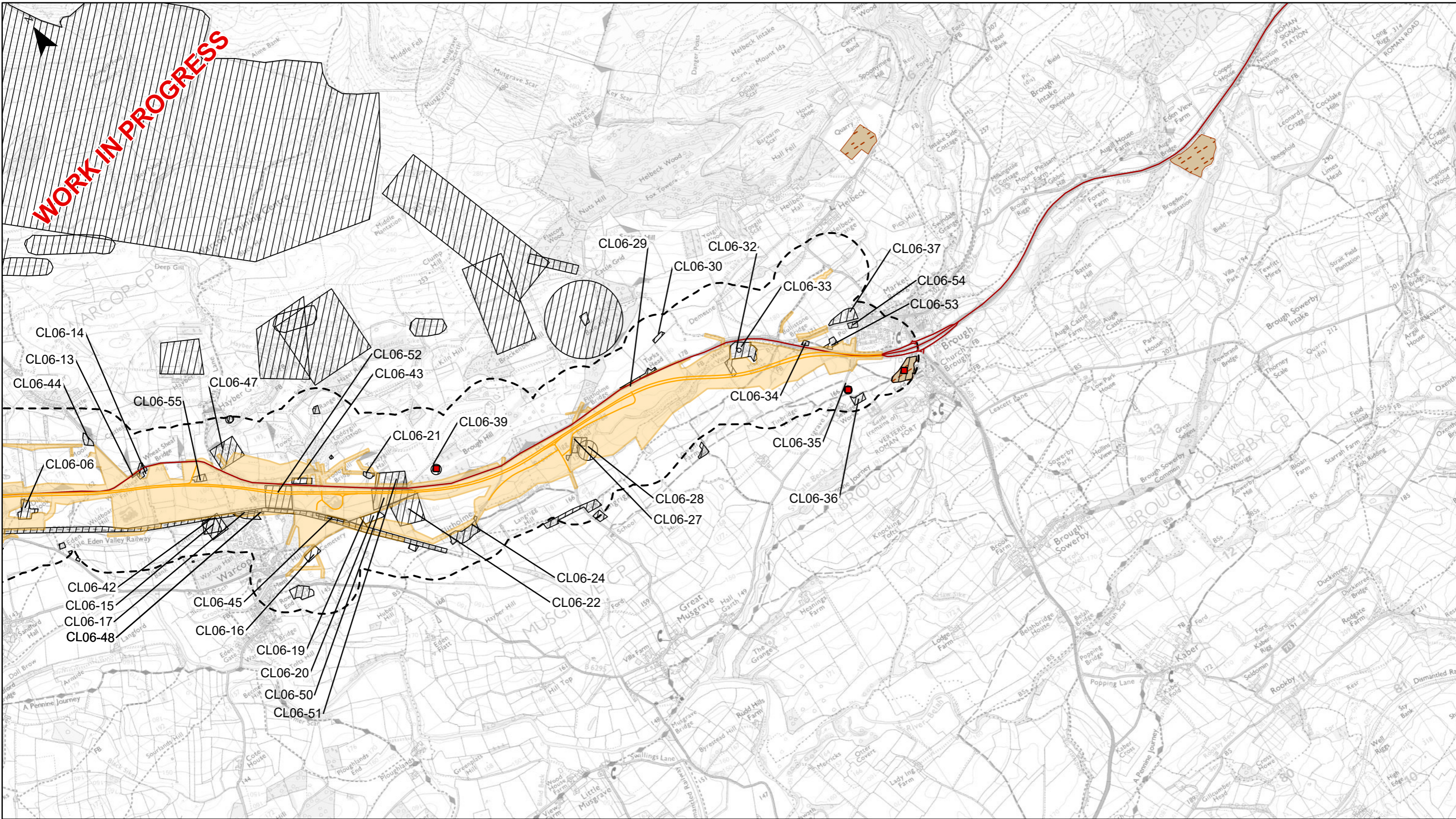
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources
Sheet 13 of 19
Appley to Brough
Black-Black-Orange Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP	LG
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



Proposed Draft DCO Boundary for the Purpose of Consultation

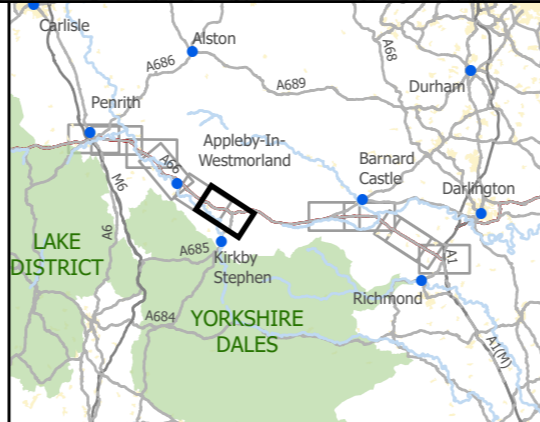
- Scheme Centrelines
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Legend:

- Local Authority Recorded Landfills
- ▨ Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site

Alternative Colors:

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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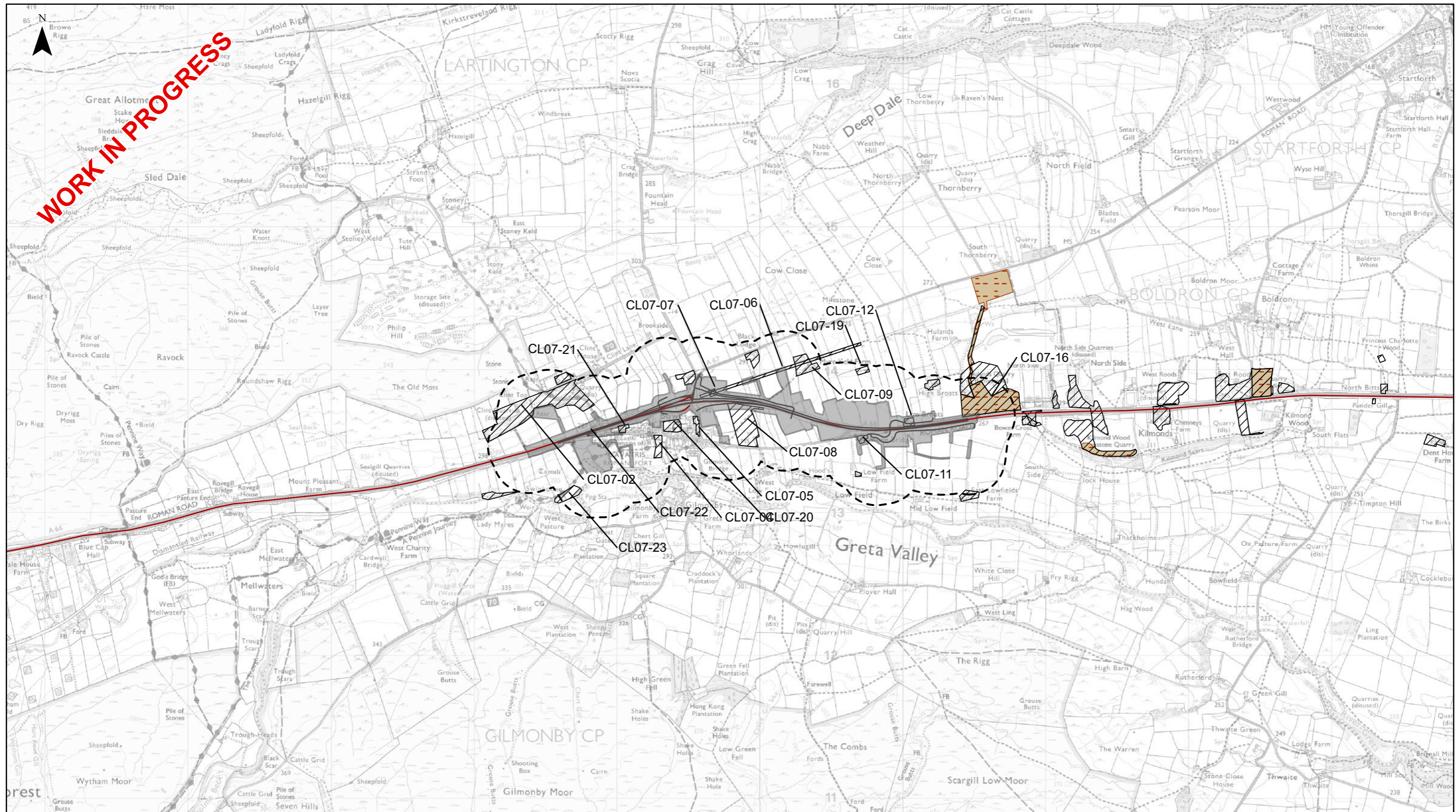
Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources
Sheet 14 of 19
Appleby to Brough
Black-Black-Orange Alternative

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LG	-
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P01

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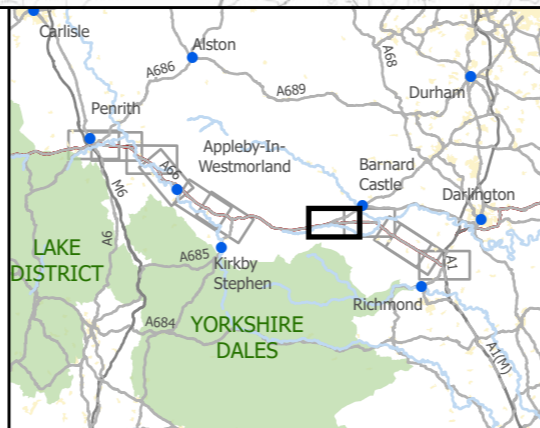
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

Landfills and Contaminated Sites

- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name: **A66 Northern Trans-Pennine**

Map Title: **Figure 9.5**

Potential Contamination Sources

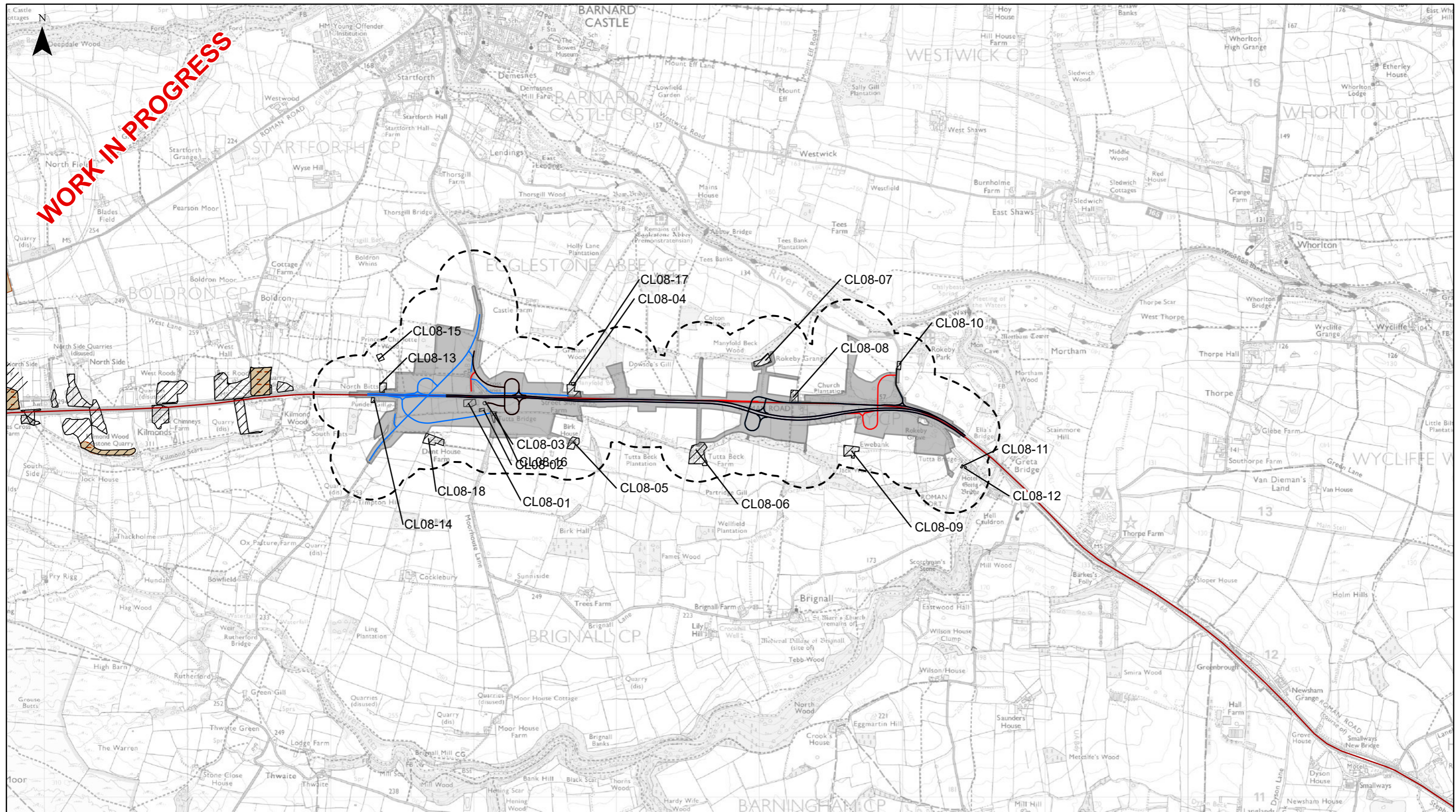
Sheet 15 of 19

Bowes Bypass

Scheme Centreline

Map Number	Project	Originator	Volume
HE565627	-	AMY	-
S00	-	MP - LG	-
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01

WORK IN PROGRESS

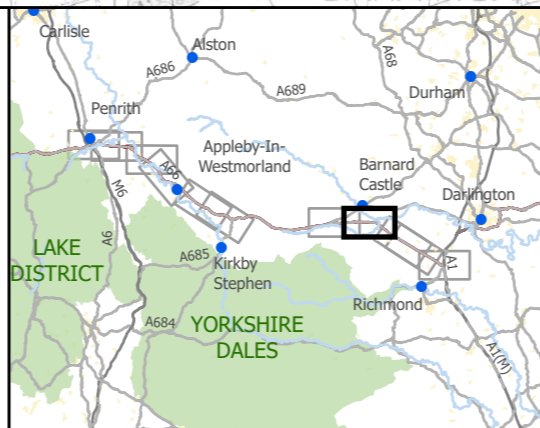


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Legend:

- Scheme
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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name: **A66 Northern Trans-Pennine**

Map Title: **Figure 9.5**

Potential Contamination Sources

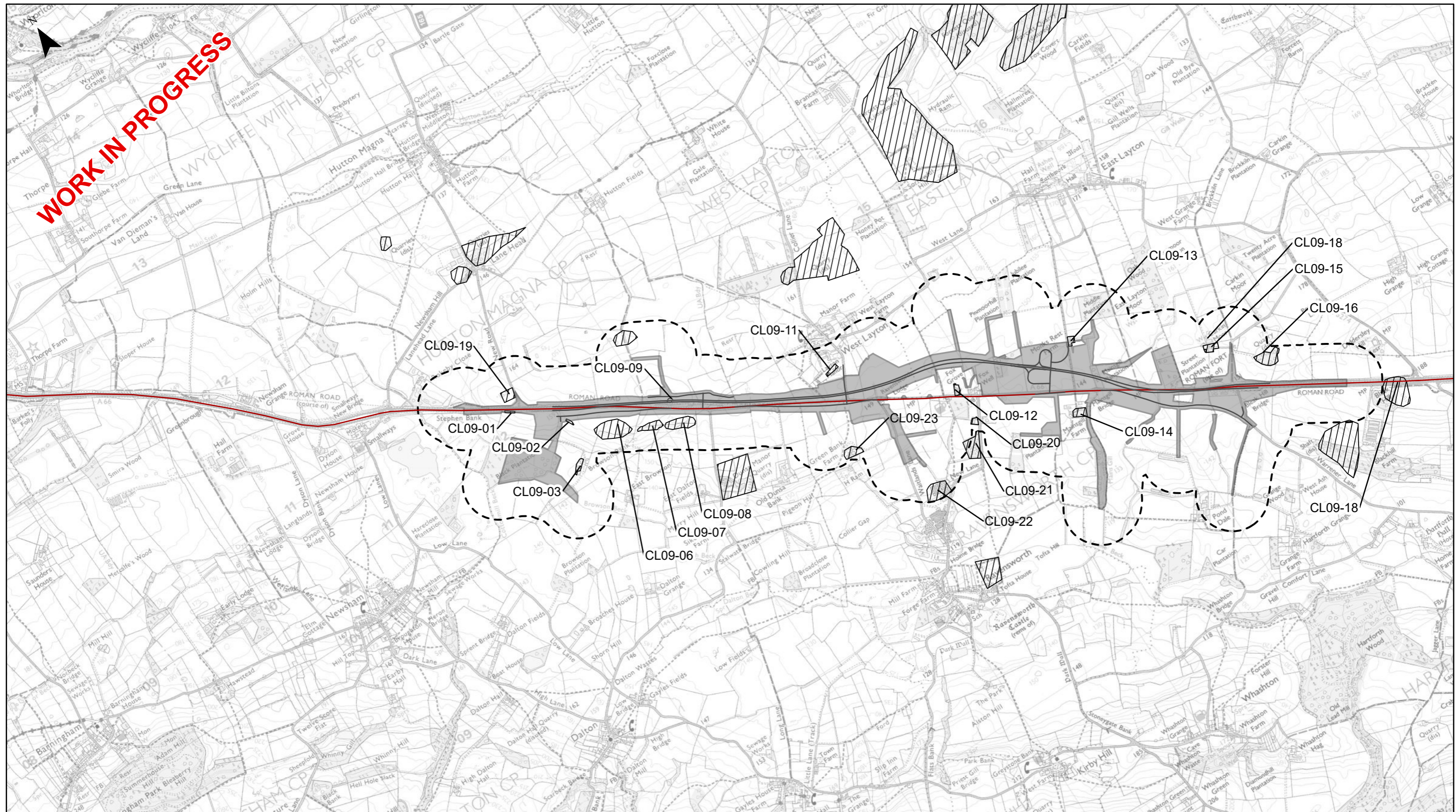
Sheet 16 of 19

Cross Lanes to Rokeby

All Alternatives

Map Number	Project	Originator	Volume
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S00	-	MP - LG	-
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL		P01

WORK IN PROGRESS



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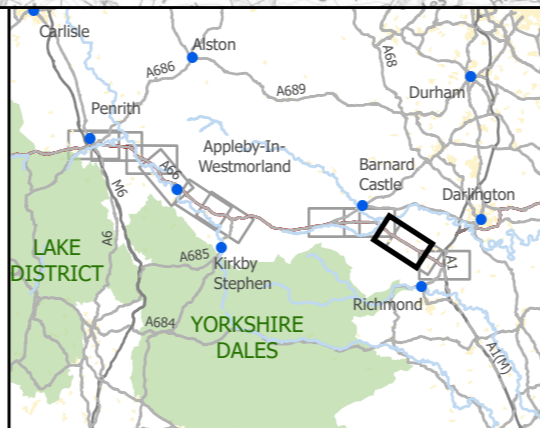
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

Local Authority Recorded Landfills

- ▨ Potential Land Contaminated Sites
- ▨ Registered Landfill Sites
- ▨ Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

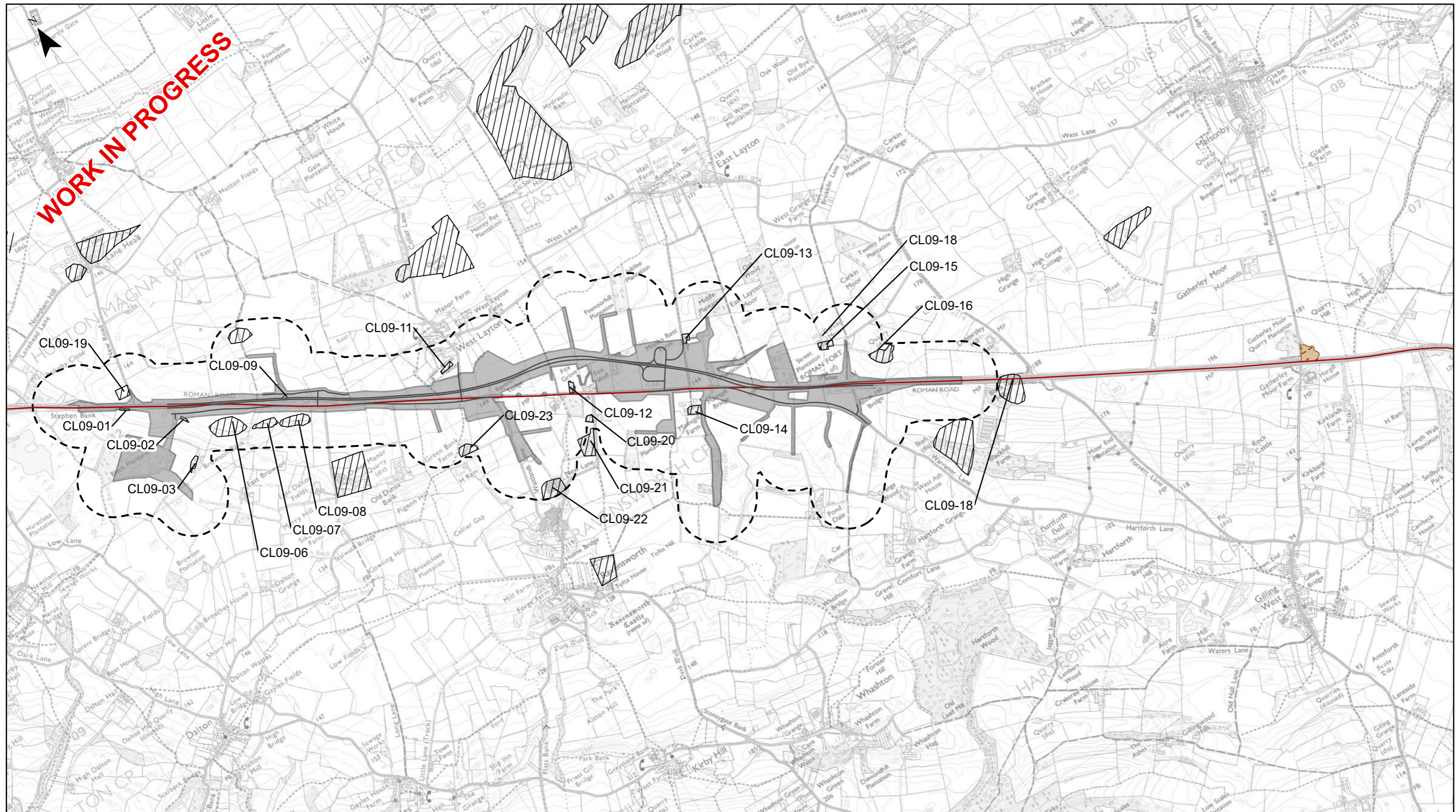
Map Title
Figure 9.5

Potential Contamination Sources
Sheet 17 of 19
Stephen Bank to Carkin Moor
Scheme Centreline

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01

WORK IN PROGRESS

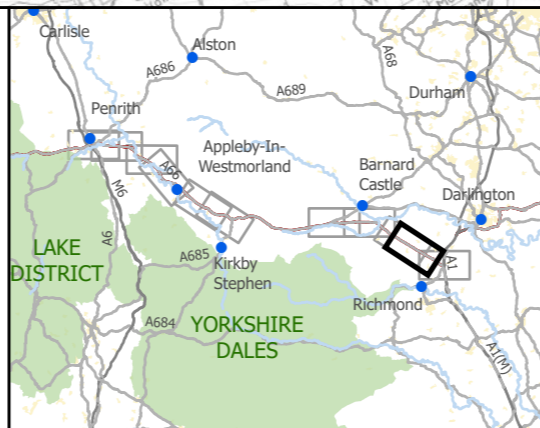


Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Legend:

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Local Authority Recorded Landfills
- Potential Land Contaminated Sites
- Registered Landfill Sites
- Historic Landfill Site



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Kilometres

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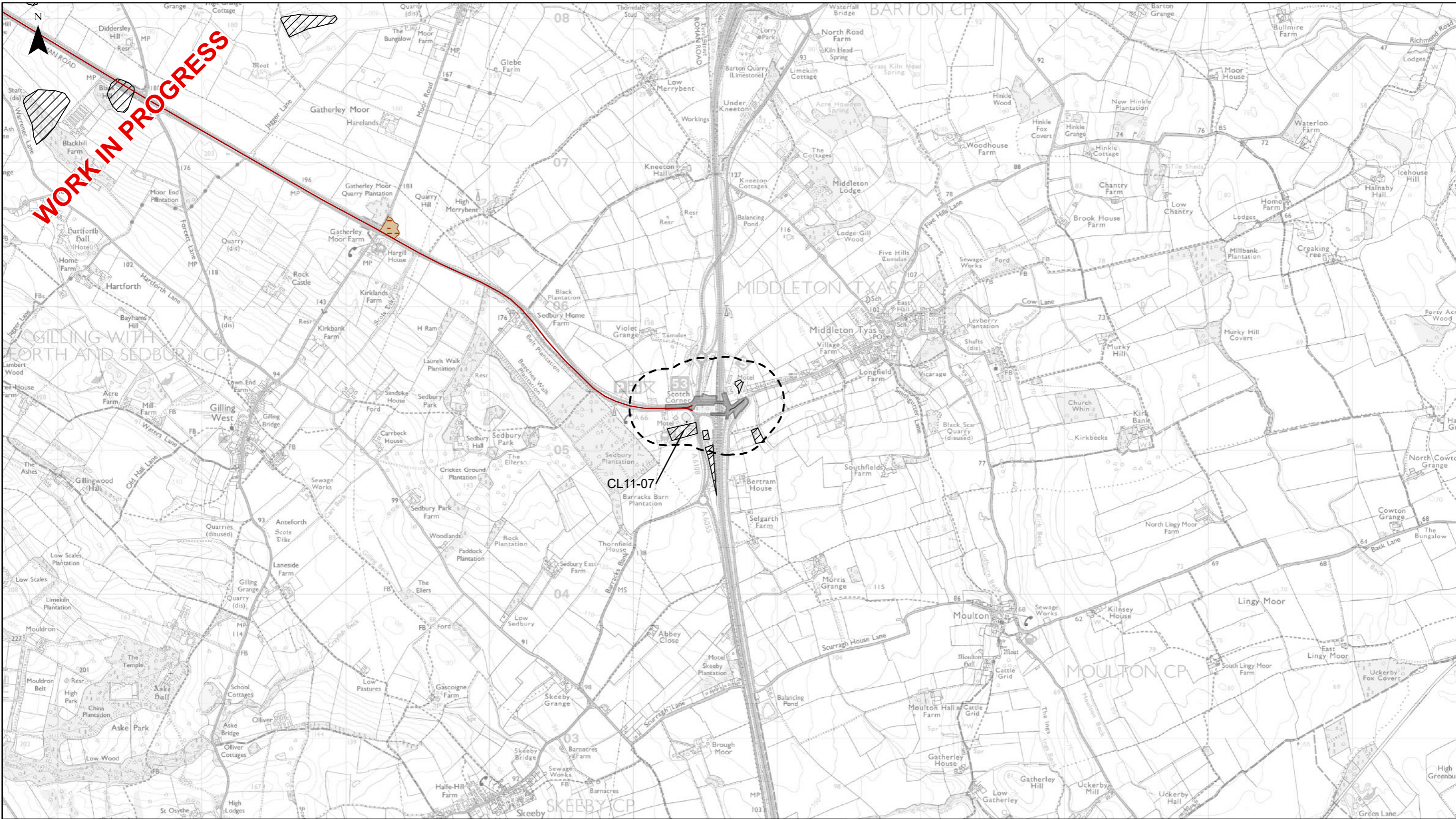
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.5

Potential Contamination Sources
Sheet 18 of 19
Stephen Bank to Carkin Moor
Scheme Centreline

Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00	-	MP - LG	- 005077
Location	Type	Role	Number
Suitability S4	Description FIT FOR STAGE APPROVAL		Revision P01



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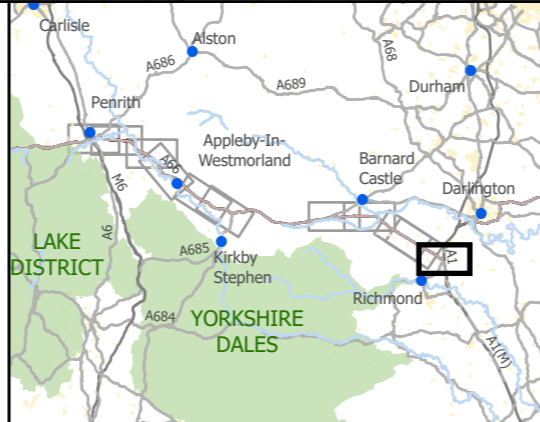
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

Proposed Draft DCO Boundary for the Purpose of Consultation

- Scheme
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative

Local Authority Recorded Landfills

- ▨ Potential Land Contaminated Sites
- ▨ Registered Landfill Sites
- ▨ Historic Landfill Site



highways england **A66 NTP Integrated Project Team**

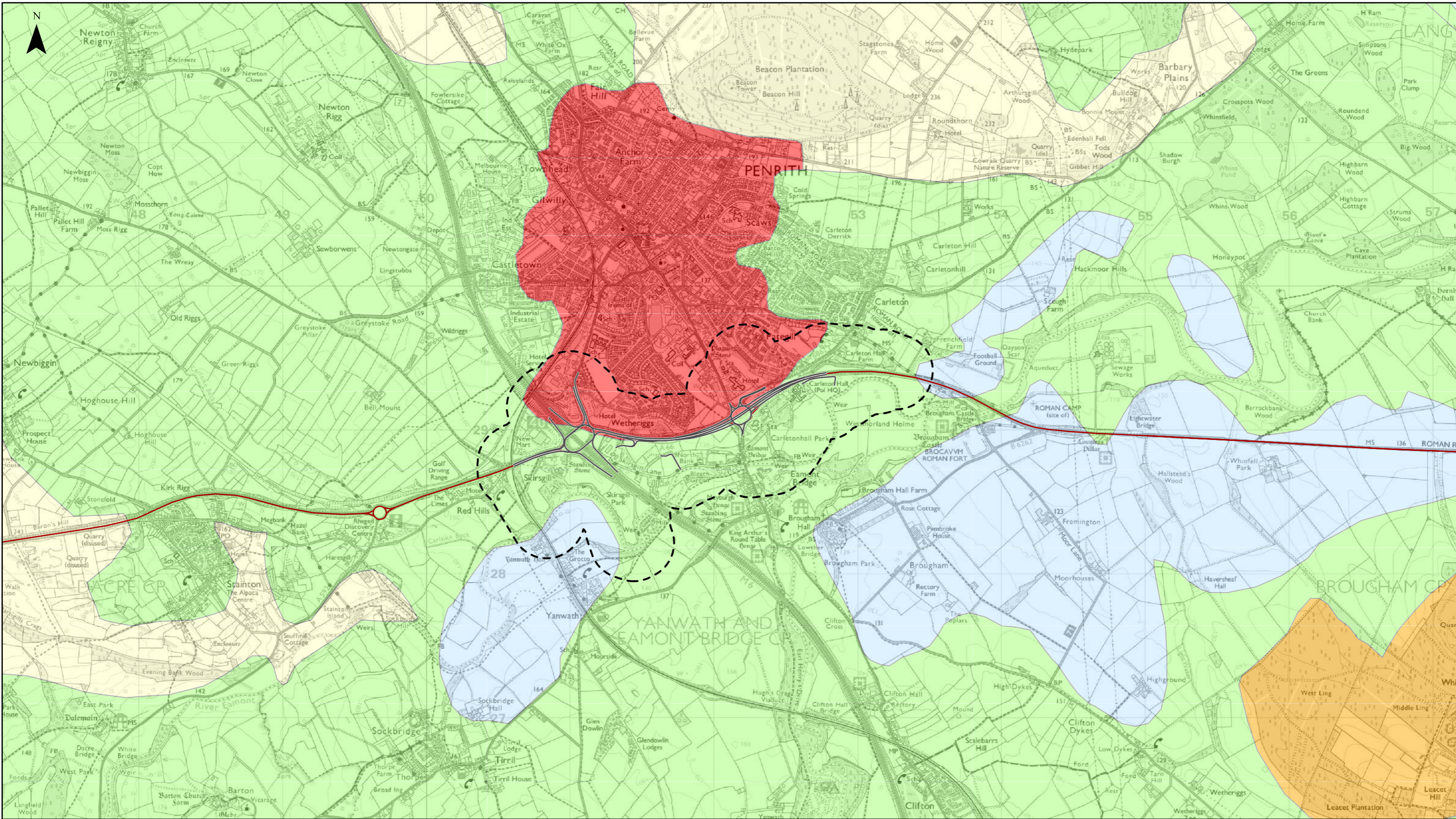
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Revision	Created	Checked	Reviewed	Approved	Authorised

Kilometres

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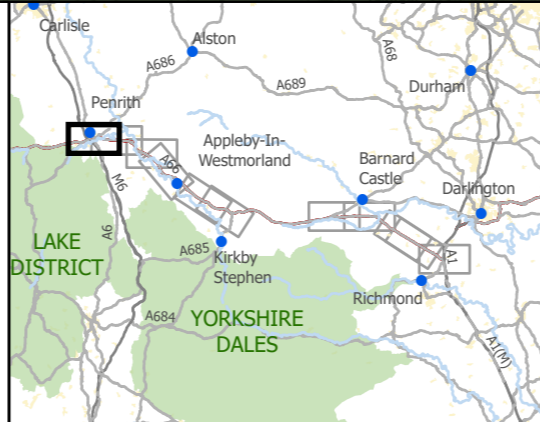
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.5			
Potential Contamination Sources			
Sheet 19 of 19			
A1(M) Junction 53 Scotch Corner			
Black Route			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
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Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P01

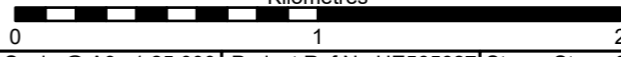


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.6

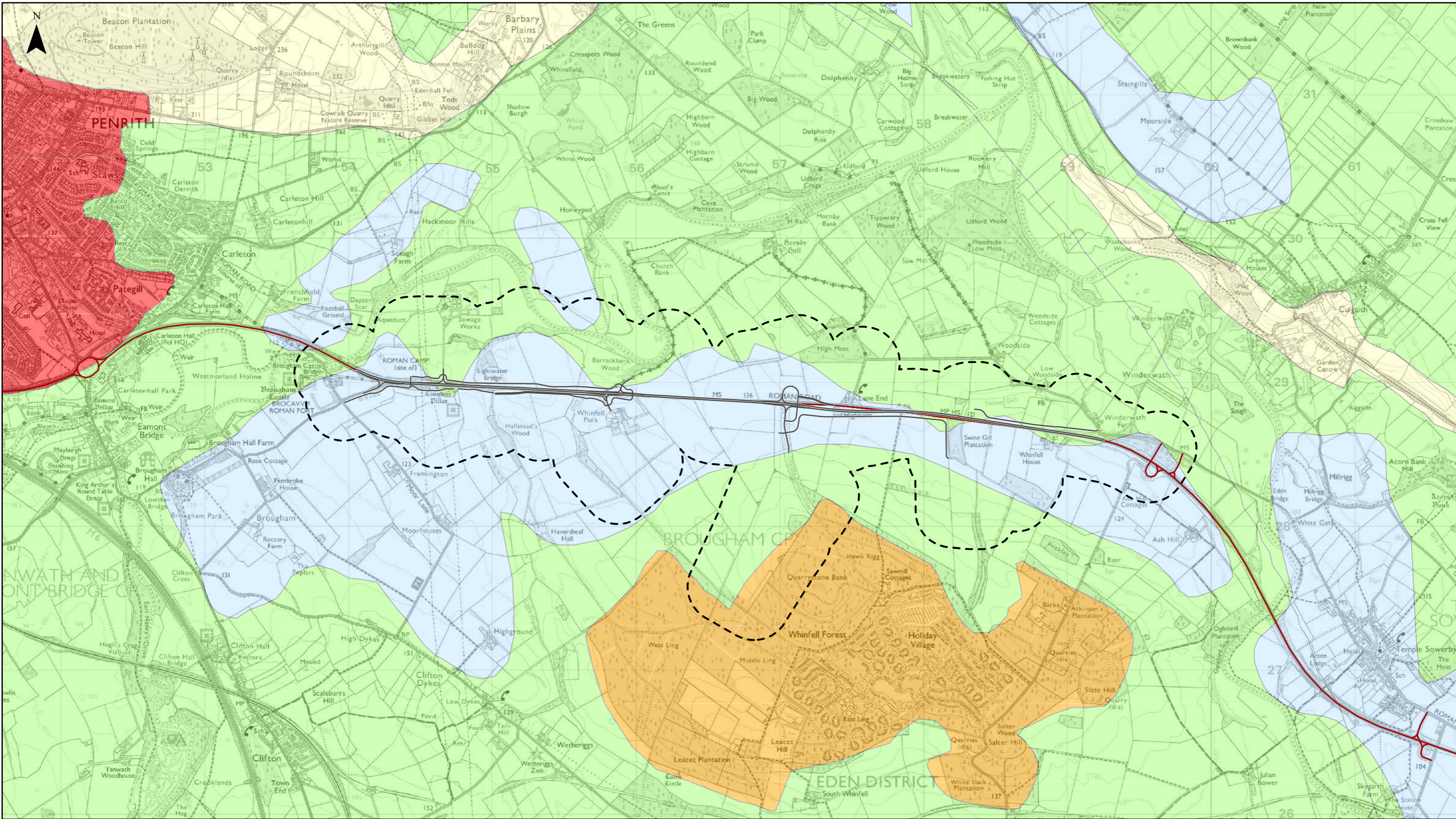
Agricultural Land Classification

Sheet 1 of 11

M6 Junction 40 to Kemplay Bank

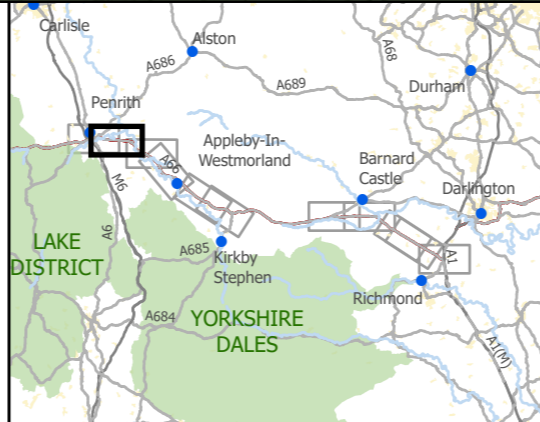
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HE565627	S00	AMY	EGT
Location	Type	Role	Number
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Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban

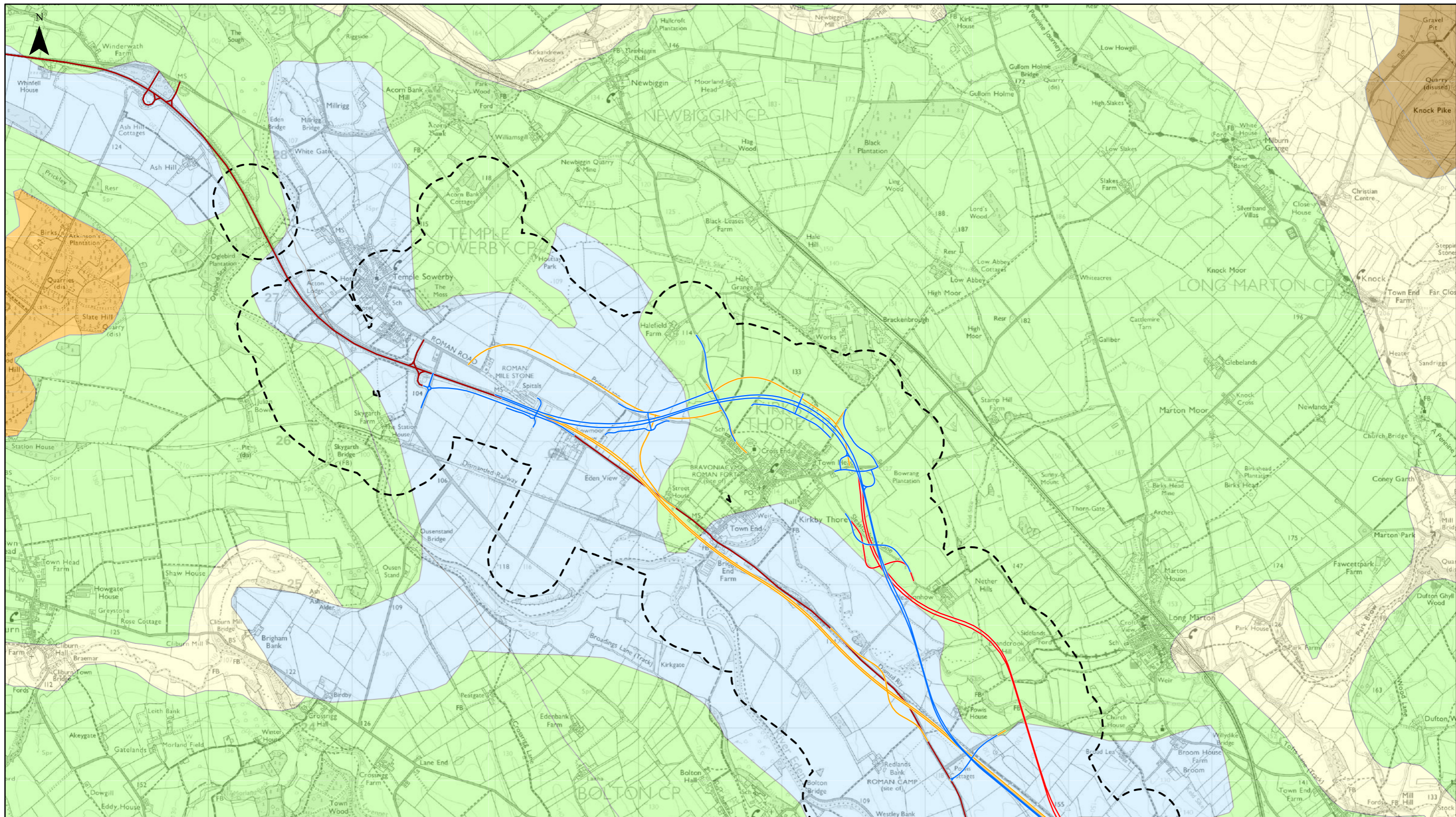


P01	First Issue				
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Revision	Created	Checked	Reviewed	Approved	Authorised

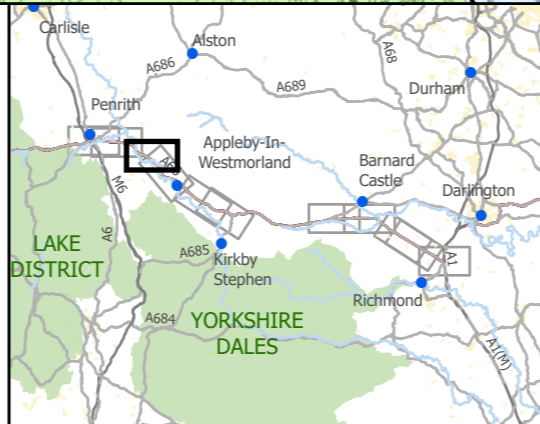
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Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.6			
Agricultural Land Classification			
Sheet 2 of 11			
Penrith to Temply Sowerby			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL	MP - LG	005080
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P01	



- Scheme Centreline
 - Black Alternative
 - Blue Alternative
 - Orange Alternative
 - Red Alternative
 - Existing A66
 - - - Study Area 250m
- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban

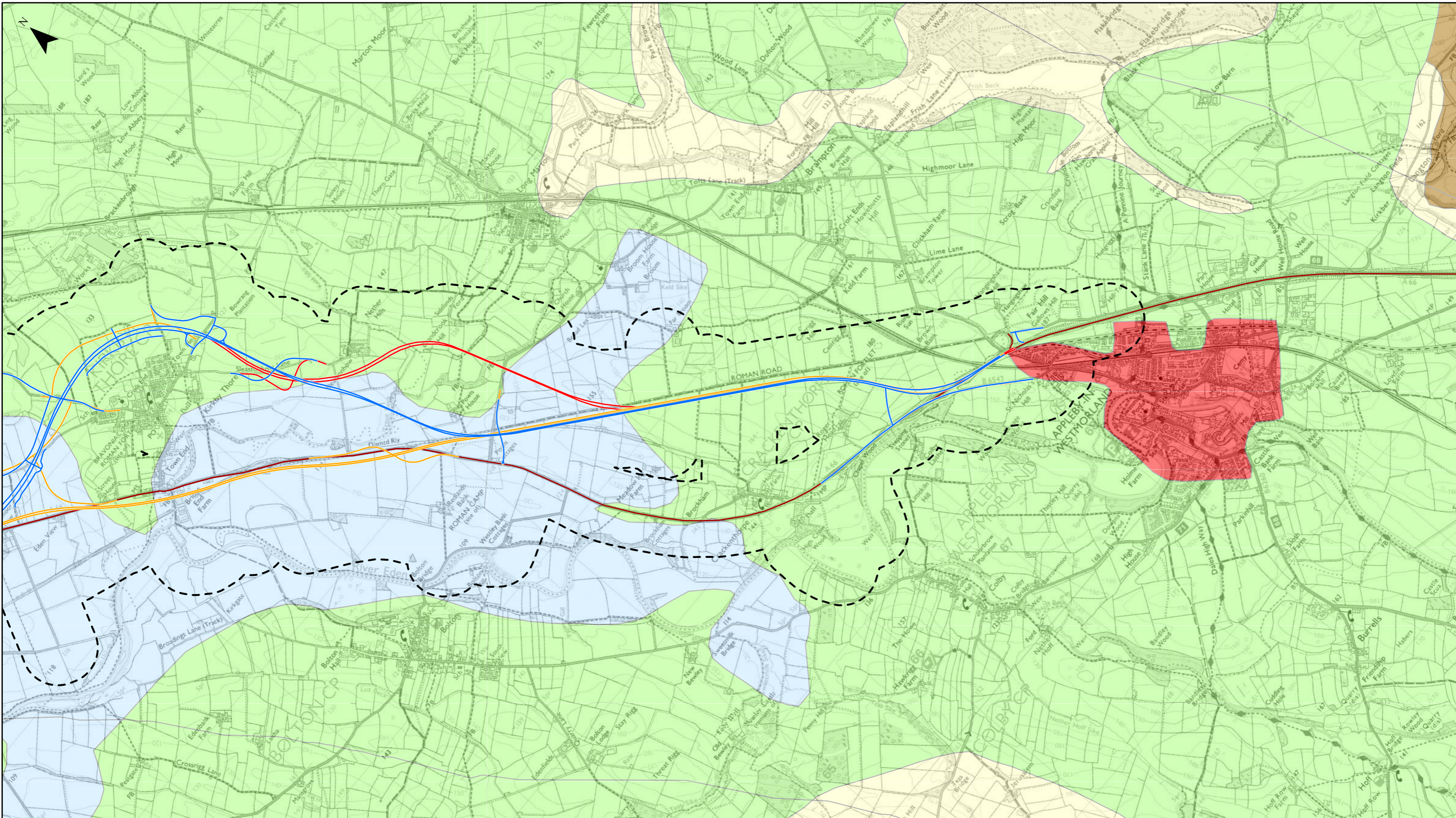


P01	First Issue				
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Revision	Created	Checked	Reviewed	Approved	Authorised

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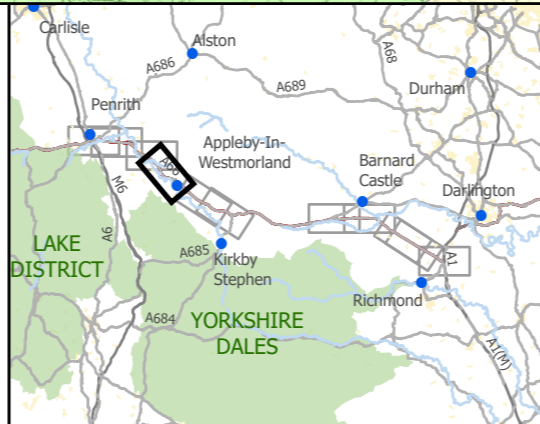
Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.6			
Agricultural Land Classification			
Sheet 3 of 11			
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Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
S00		- MP - LG -	005081
Location		Type	Role
S4		FIT FOR STAGE APPROVAL	Number
			P01



- Scheme Centreline
- - - Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Provisional Agricultural Land Classification

	Grade 2
	Grade 3
	Grade 4
	Grade 5
	Non Agricultural
	Urban

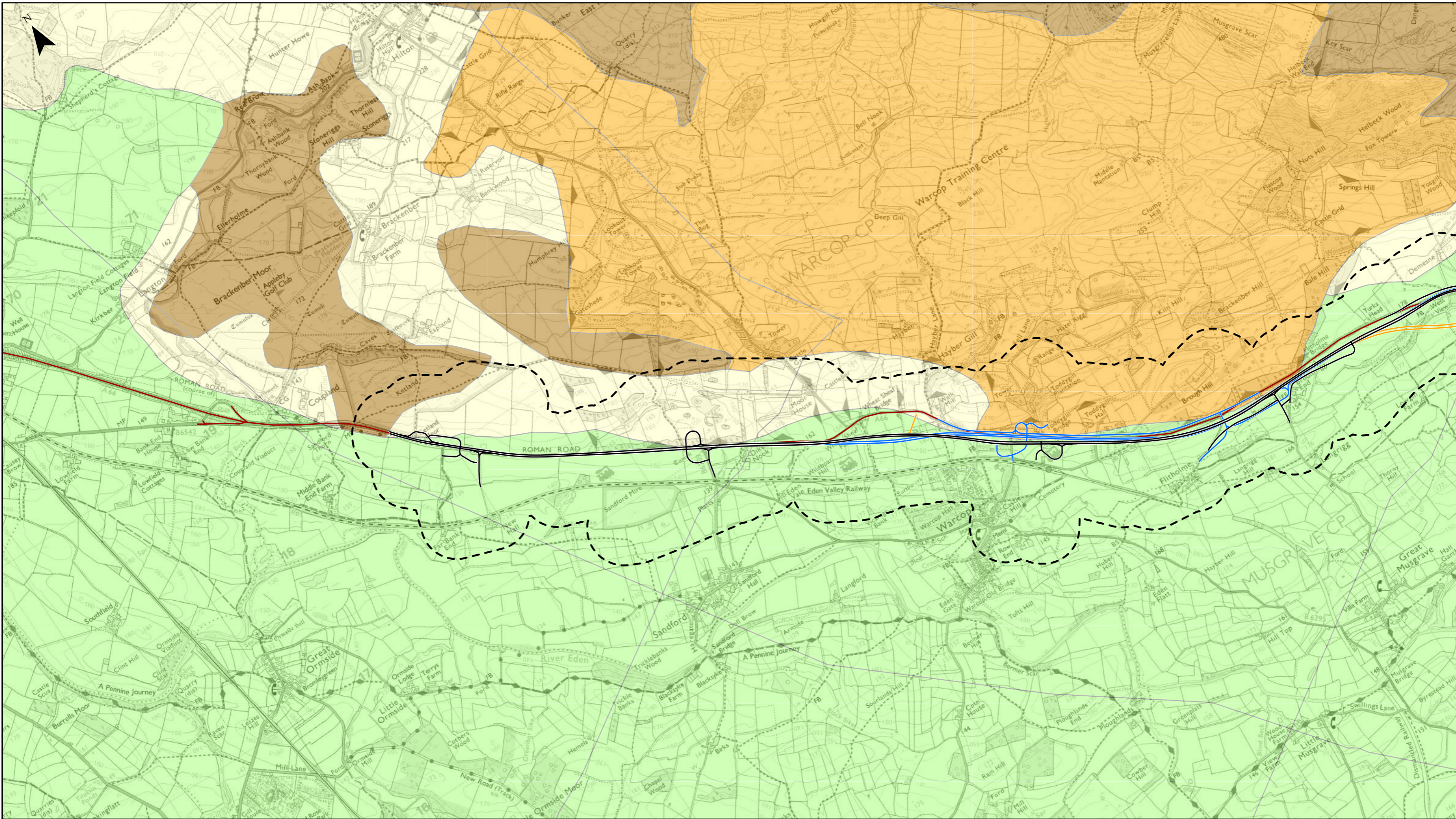


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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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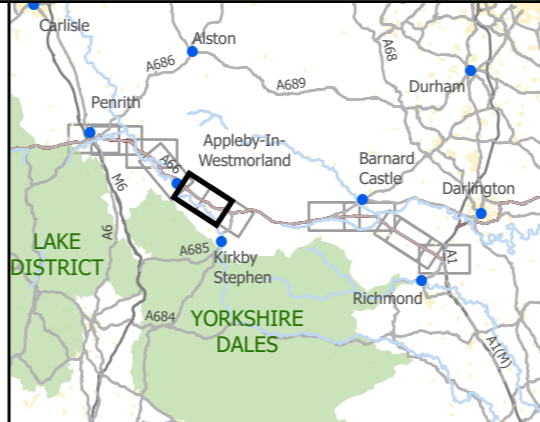
Project Name A66 Northern Trans-Pennine			
Map Title Figure 9.6			
Agricultural Land Classification			
Sheet 4 of 11			
Temple Sowerby to Appleby			
Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
S4	FIT FOR STAGE APPROVAL	MP - LG	005082
Suitability	Suitability Description	Revision	
S4	FIT FOR STAGE APPROVAL	P01	



- Scheme Centrelines
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Provisional Agricultural Land Classification

 Grade 2
 Grade 3
 Grade 4
 Grade 5
 Non Agricultural
 Urban



highways england **A66 NTP** Integrated Project Team

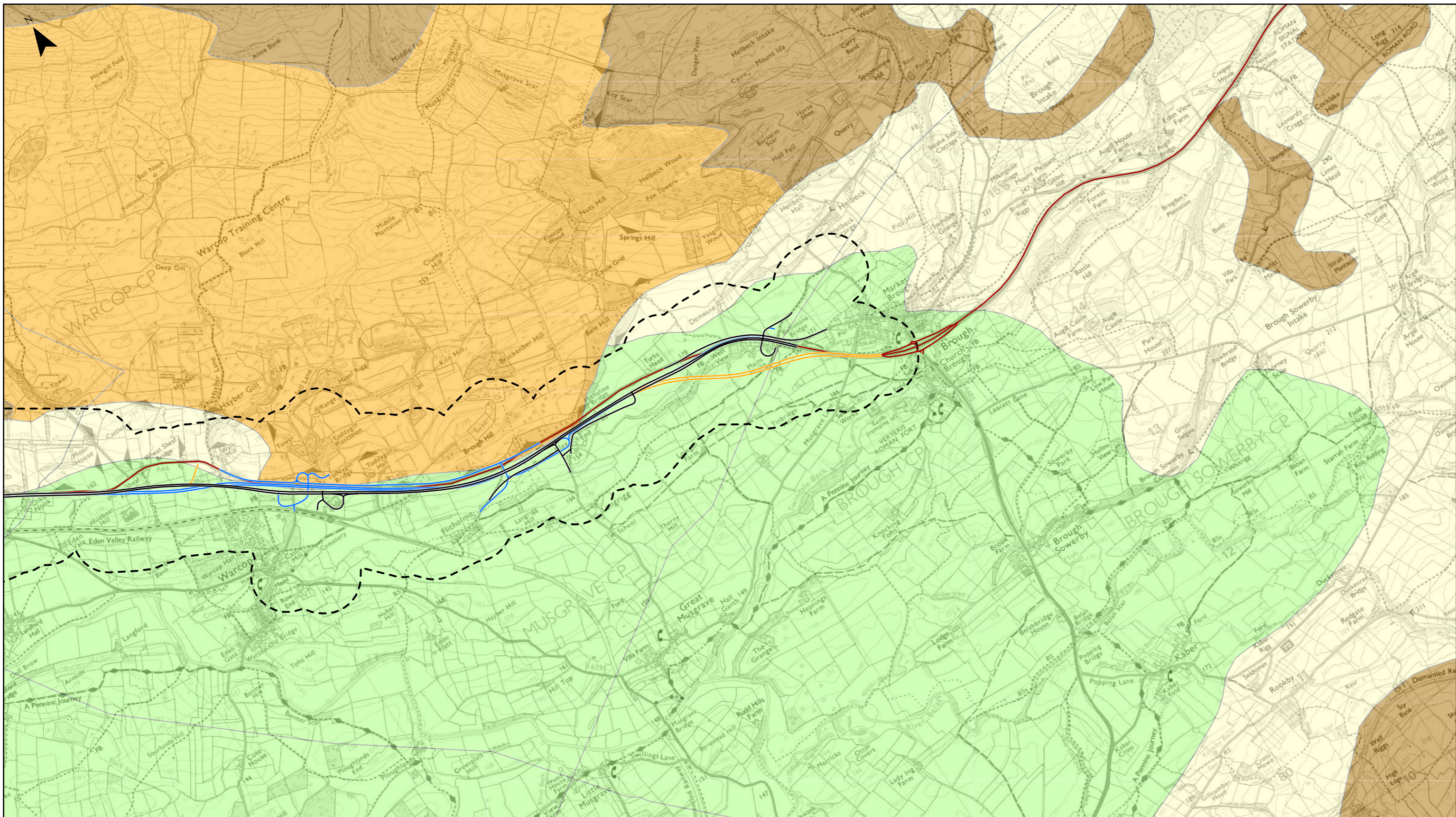
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised

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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.6
Agricultural Land Classification
 Sheet 5 of 11
Appleby to Brough

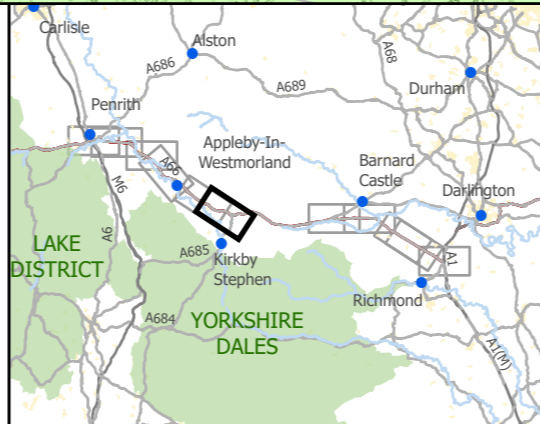
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S4	FIT FOR STAGE APPROVAL		P01



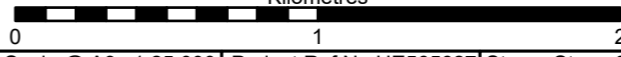
- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

Provisional Agricultural Land Classification

- Grade 2
- Grade 3
- Grade 4
- Grade 5
- Non Agricultural
- Urban



P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

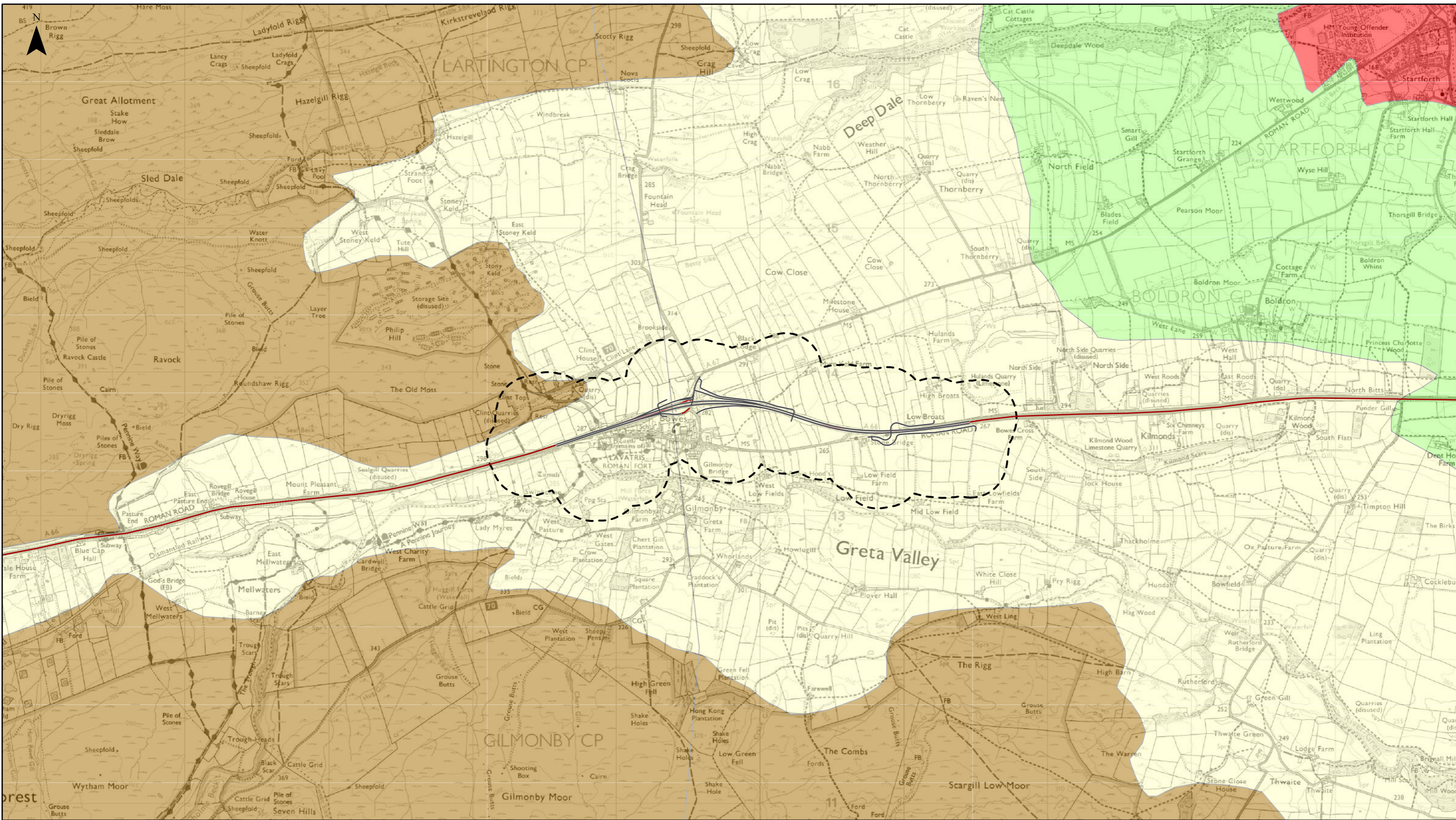
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Agricultural Land Classification

Sheet 6 of 11
Appleby to Brough

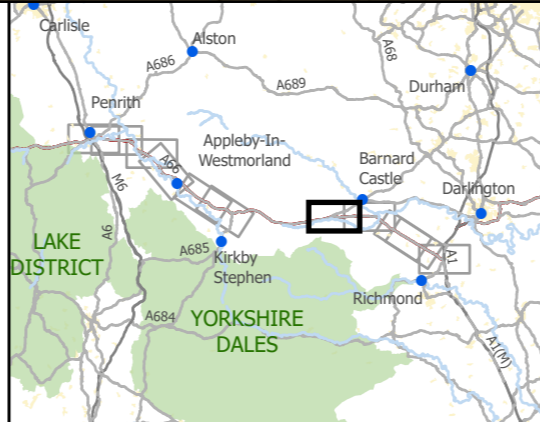
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Location	Type	Role	Number

Suitability	Suitability Description	Revision
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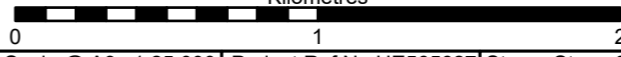


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban



P01	First Issue	ACAR	MMAT	LHAN	DHAR	AWAR
		23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

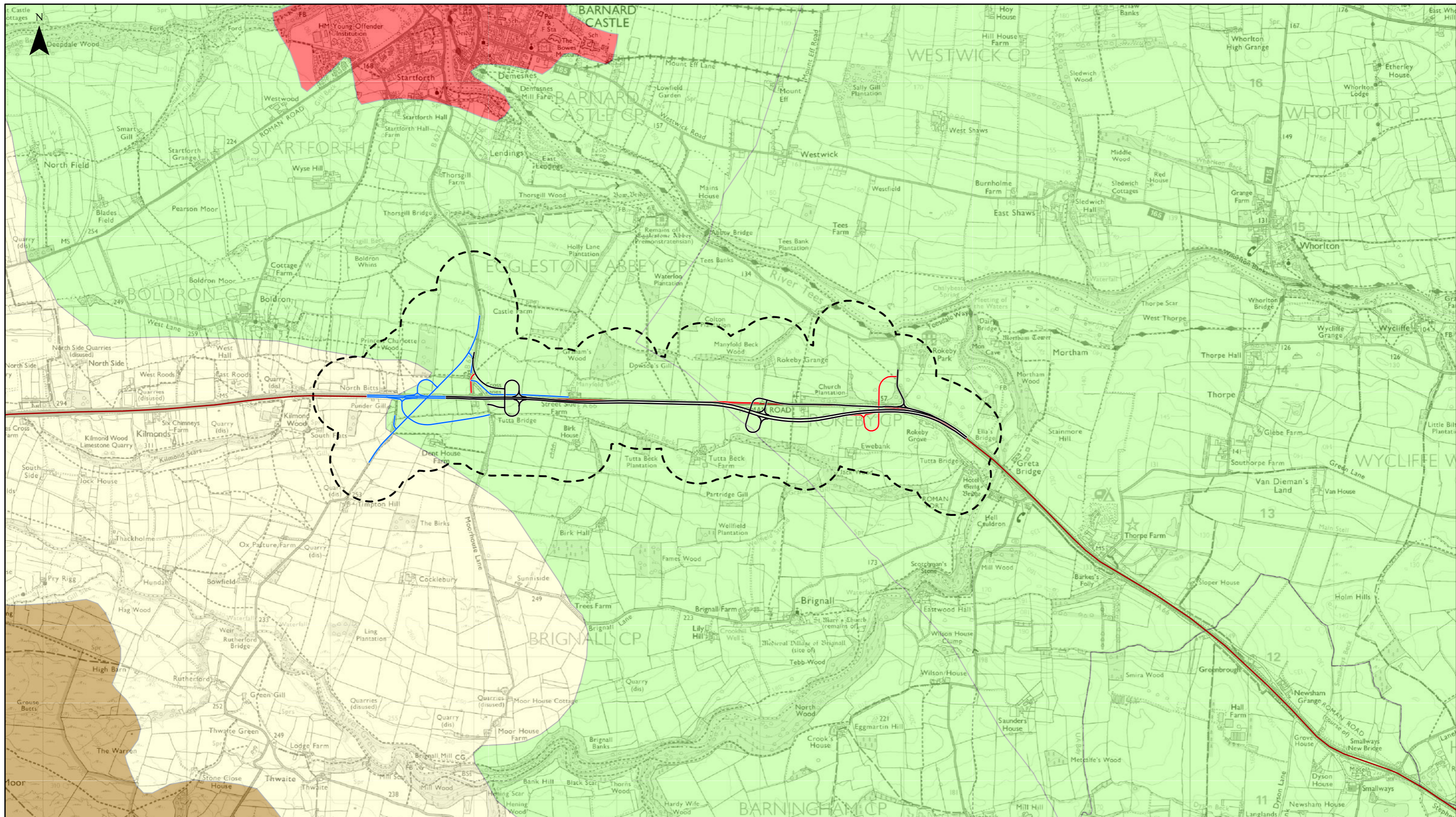
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Agricultural Land Classification

Sheet 7 of 11
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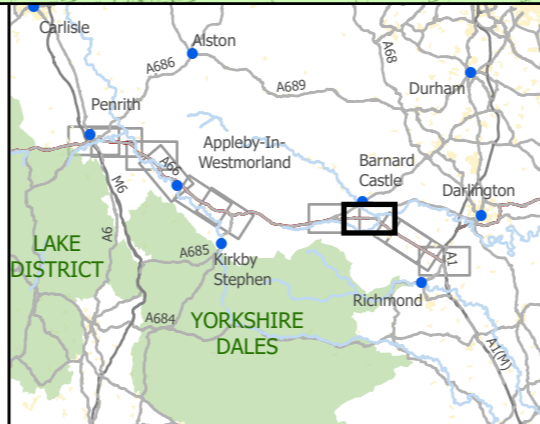
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Suitability	Suitability Description	Revision
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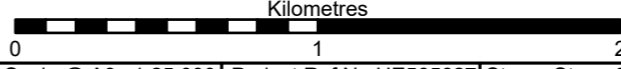


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban



P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised



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Project Name
A66 Northern Trans-Pennine

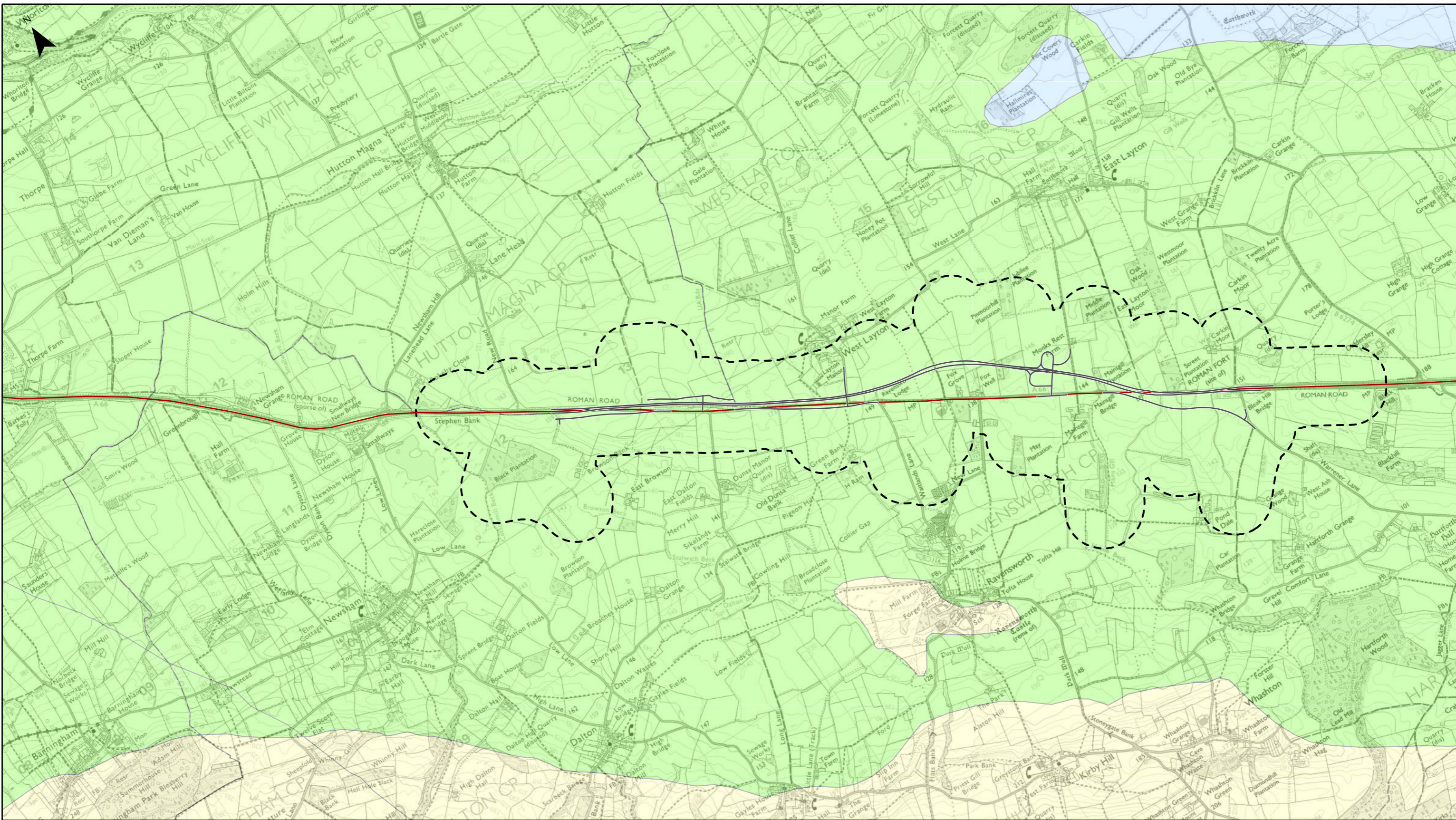
Map Title
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Agricultural Land Classification

Sheet 8 of 11
Cross Lanes to Rokeby

Map Number	Project	Originator	Volume
HE565627	-	AMY	- EGT
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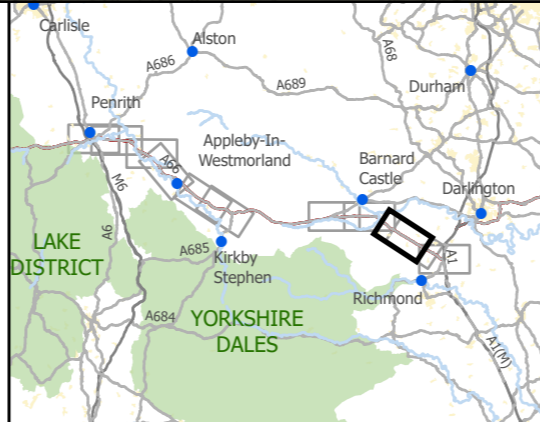
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

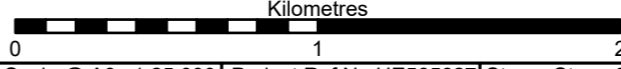
Provisional Agricultural Land Classification

 Grade 2
 Grade 3
 Grade 4
 Grade 5
 Non Agricultural
 Urban



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P01	First Issue	ACAR	MMAT	LHAN	DHAR	AWAR
		23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
Revision	Created	Checked	Reviewed	Approved	Authorised	



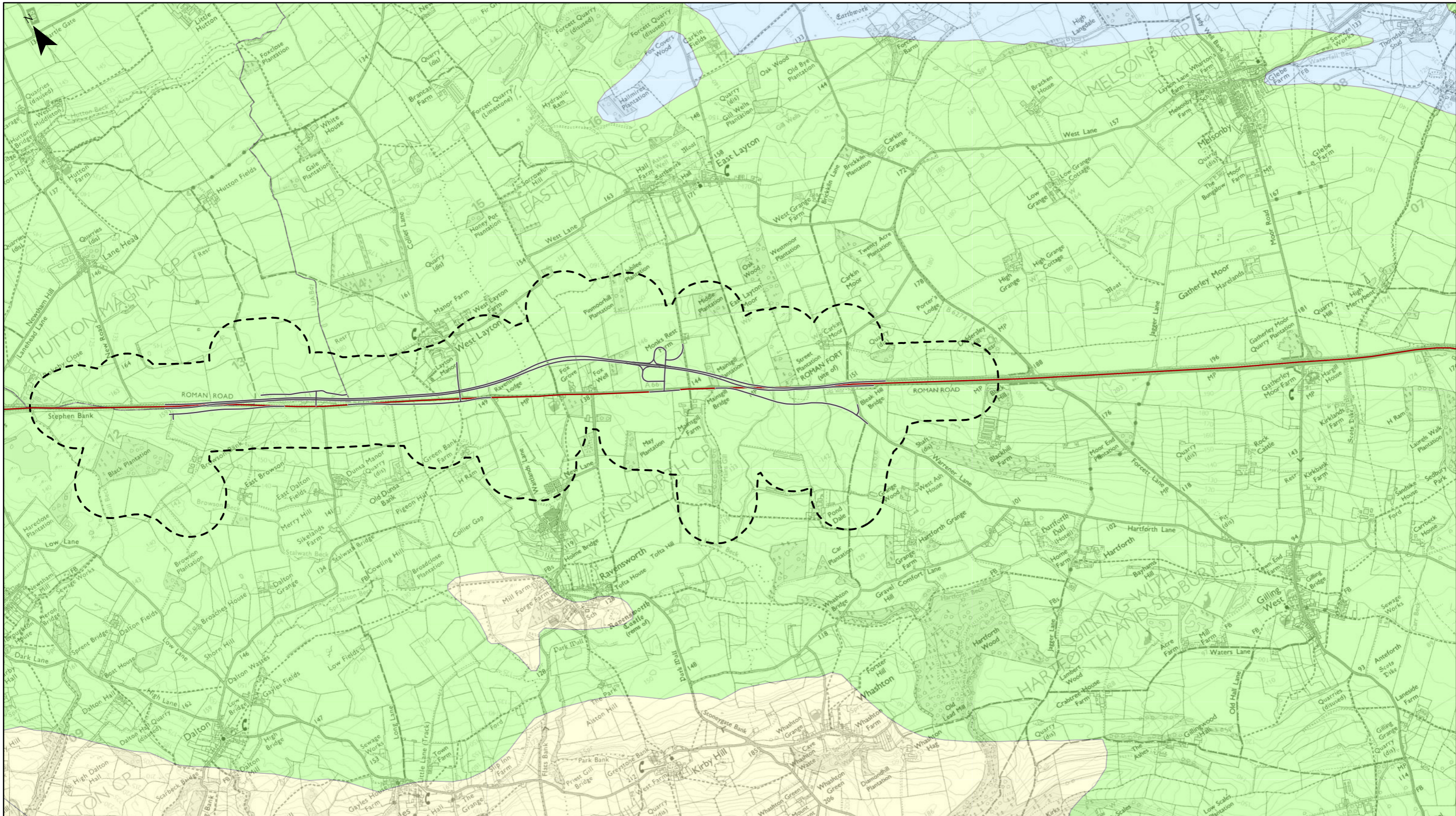
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.6
Agricultural Land Classification
 Sheet 9 of 11
Stephen Bank to Carkin Moor

Map Number	Project	Originator	Volume
HE565627	S00	AMY	EGT
Location	Type	Role	Number
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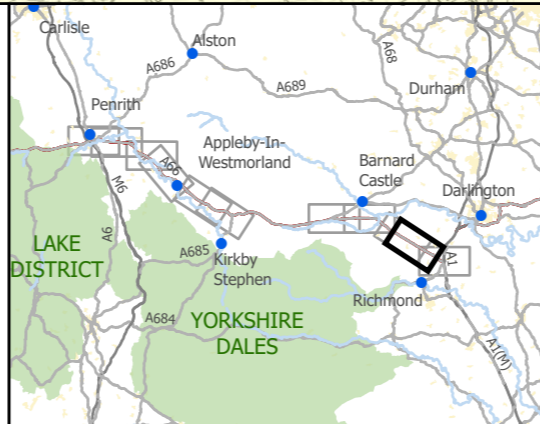
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S4	FIT FOR STAGE APPROVAL	P01



- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- - - Study Area 250m

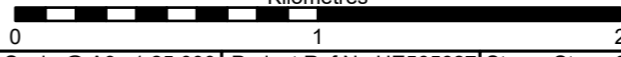
Provisional Agricultural Land Classification

 Grade 2
 Grade 3
 Grade 4
 Grade 5
 Non Agricultural
 Urban



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P01	First Issue				
	ACAR	MMAT	LHAN	DHAR	AWAR
	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine

Map Title
Figure 9.6

Agricultural Land Classification

Sheet 10 of 11

Stephen Bank to Carkin Moor

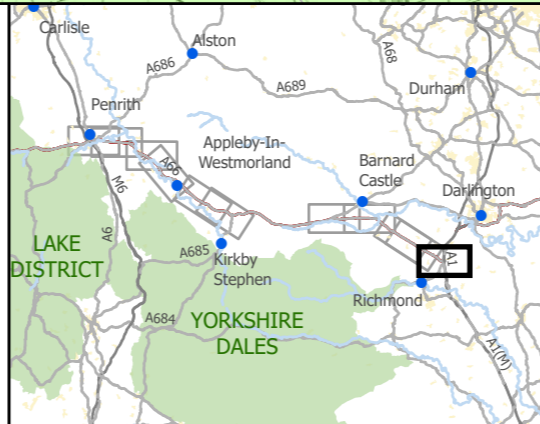
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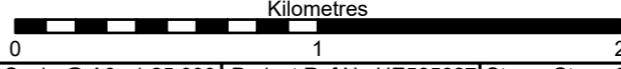


- Scheme Centreline
- Black Alternative
- Blue Alternative
- Orange Alternative
- Red Alternative
- Existing A66
- Study Area 250m

- Provisional Agricultural Land Classification**
- Grade 2
 - Grade 3
 - Grade 4
 - Grade 5
 - Non Agricultural
 - Urban



P01	First Issue				
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	23/07/21	02/08/21	09/08/21	11/08/21	13/08/21
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Project Name
A66 Northern Trans-Pennine
 Map Title
Figure 9.6
Agricultural Land Classification
 Sheet 11 of 11
A1(M) Junction 53 Scotch Corner

Map Number	Project	Originator	Volume
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