

national highways
3 Piccadilly Place
Manchester
M1 3BN

P02	First Issue	CESL	LHAN	MBRE	AMIT	KWHA
		29/03/22	29/03/22	29/03/22	26/04/22	26/04/22
Revision	Created	Checked	Reviewed	Approved	Authorised	

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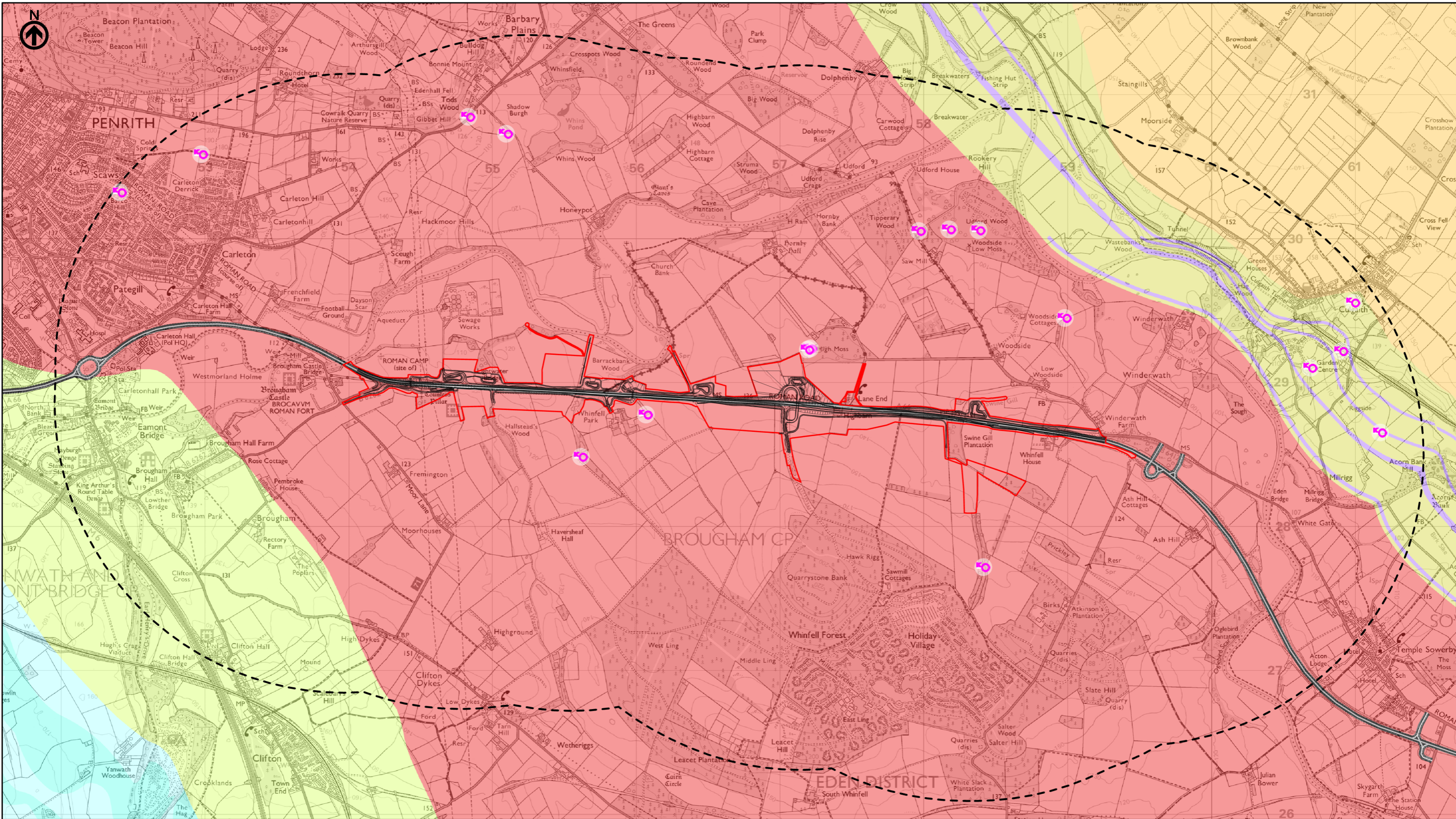
Project Name
A66 Northern Trans-Pennine Project

Map Title
14.8.1

Karst Hazard Map (Features within 2km)
Scheme: 0102, M6 Junction 40 to Kemplay Bank
Sheet 1 of 10

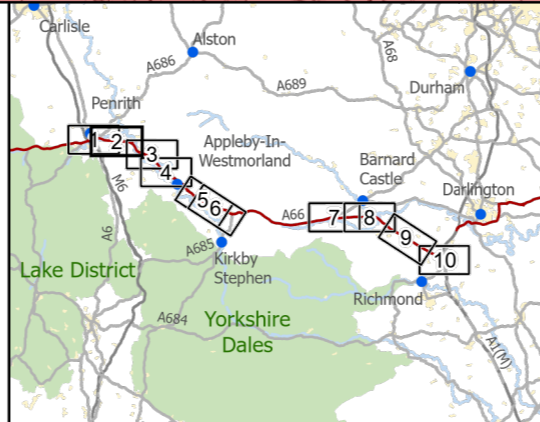
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EWE
S00	-	MP - LD	- 011250
Location		Type	Role

Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02



- Route Alignment
- Existing A66
- Order Limits
- - - Study Area 2000m
- Potential Springs
- △ Known Cave
- ★ Potential Enclosed Depressions
- ★ Historical Mine
- 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

- Belah Dolomite
- Brockram Breccia
- Crag Limestone
- Eden Shales
- Evaporite - Gypsum
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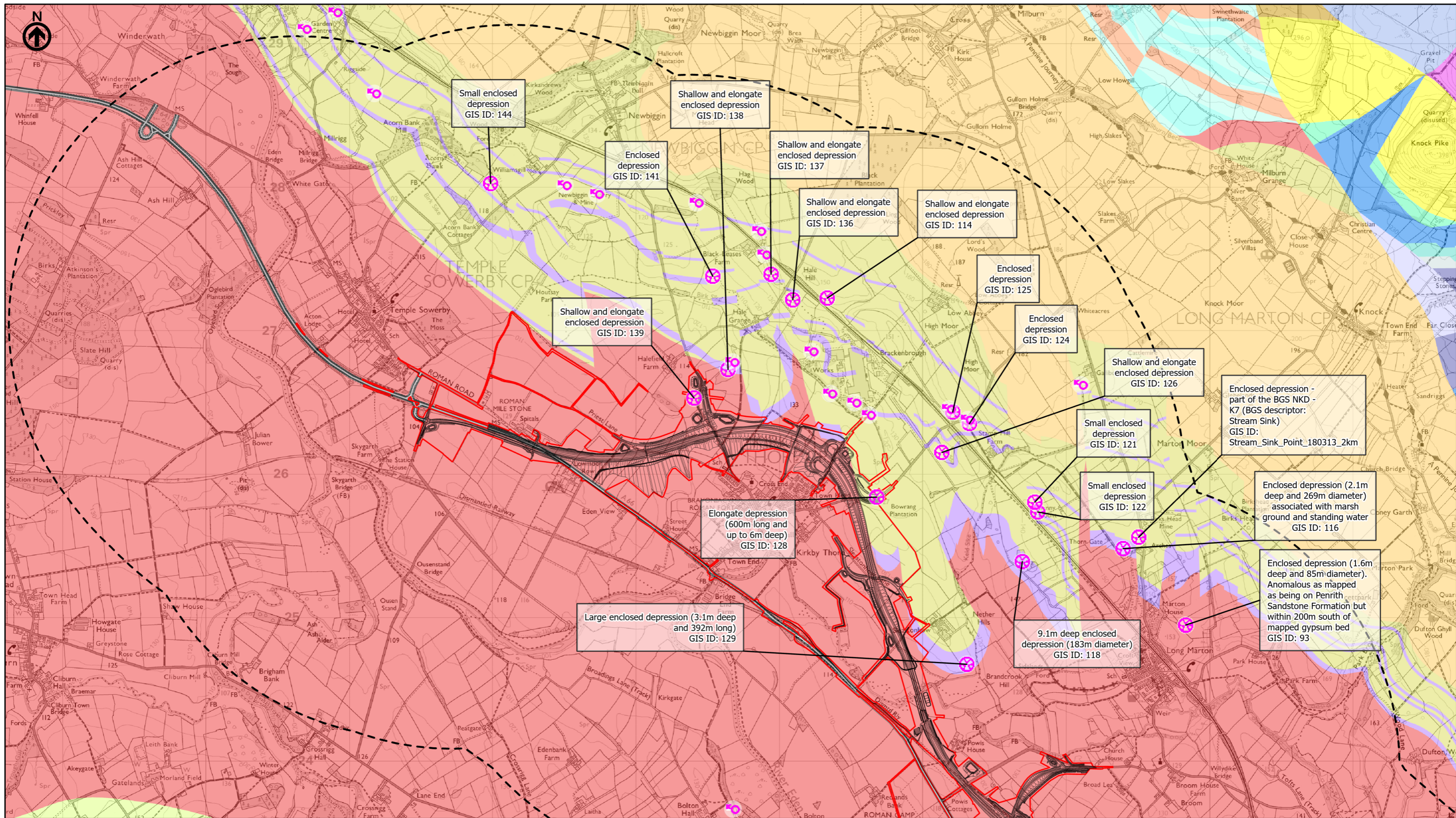
Kilometres

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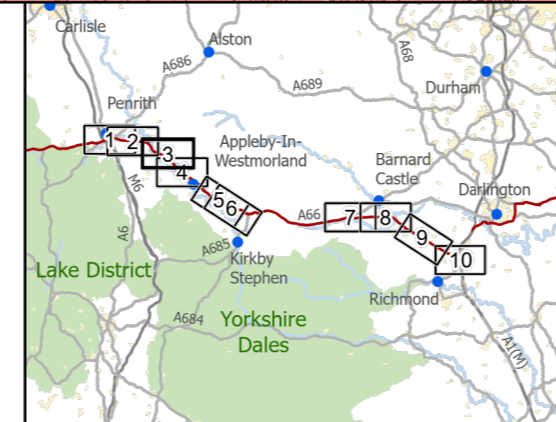
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Project Name A66 Northern Trans-Pennine Project			
Map Title 14.8.1			
Karst Hazard Map (Features within 2km)			
Scheme: 03, Penrith to Temple Sowerby			
Sheet 2 of 10			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EWE
S00		-	MP - LD - 011251
Location		Type	Role Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02



- Route Alignment
- Existing A66
- Order Limits
- - - Study Area 2000m
- ⊗ Potential Springs
- ⊕ Known Cave
- ⊗ Potential Enclosed Depressions
- ★ Historical Mine
- 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

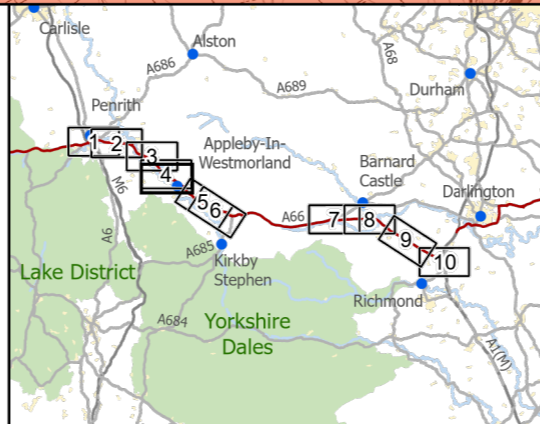
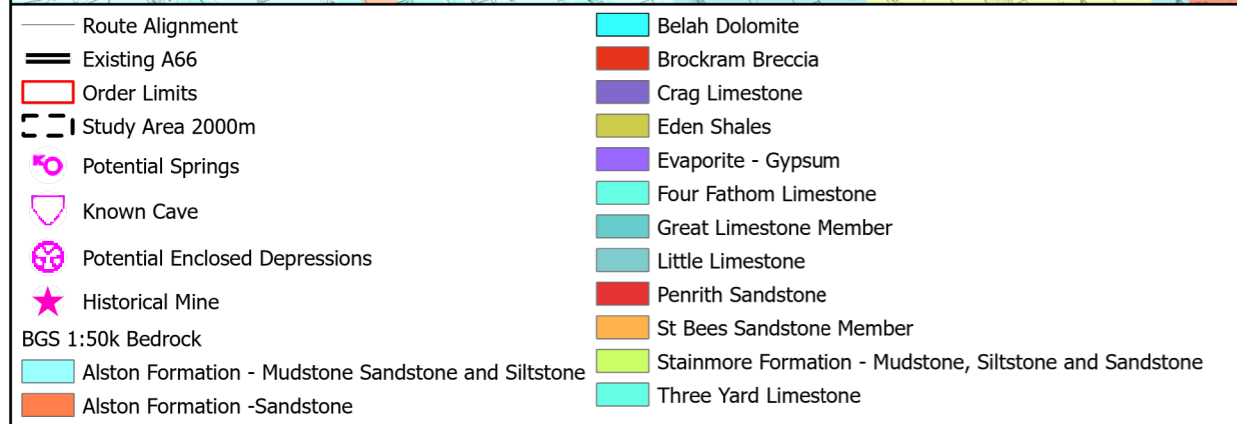
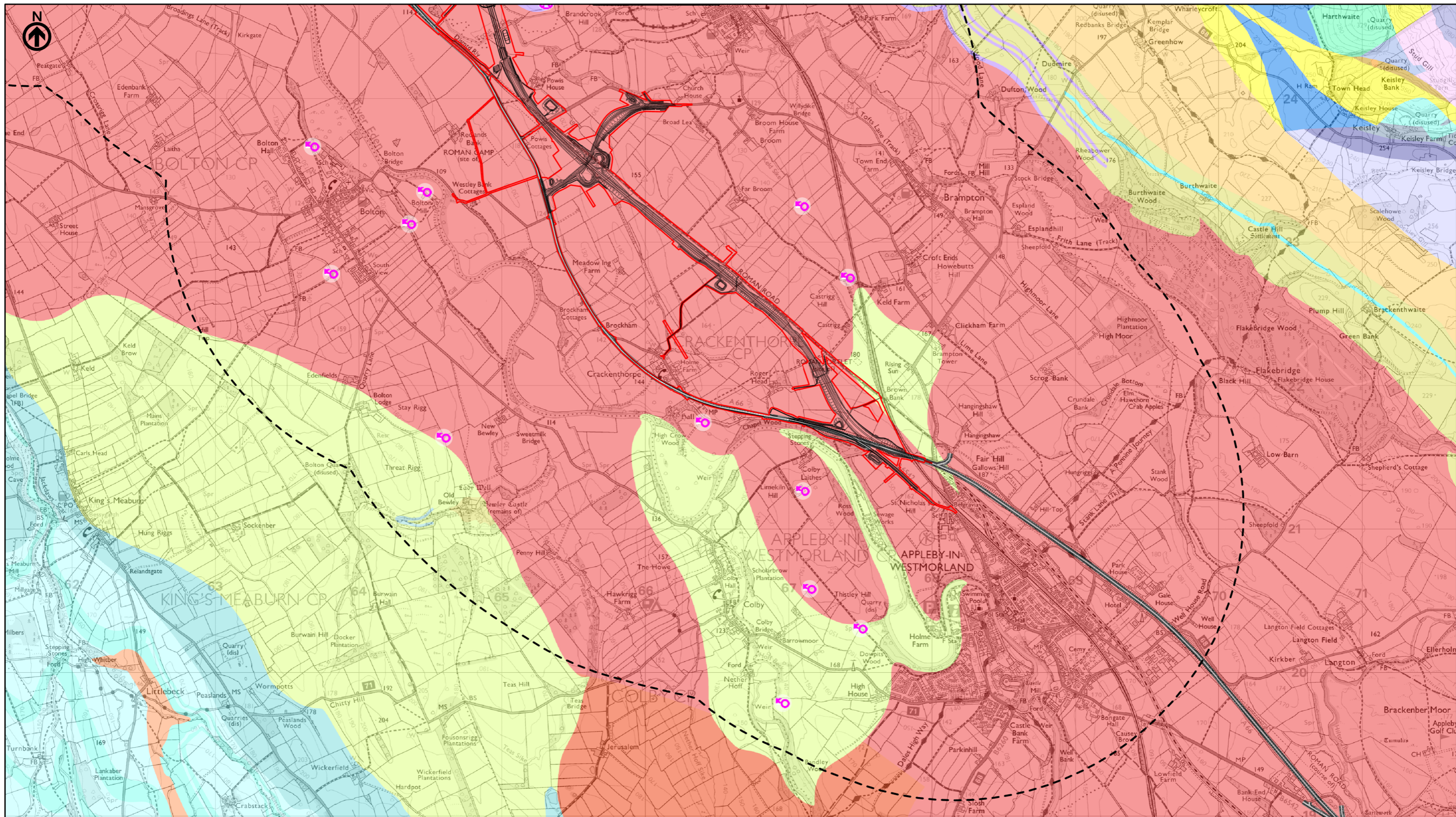


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Project Name A66 Northern Trans-Pennine Project			
Map Title 14.8.1			
Karst Hazard Map (Features within 2km)			
Scheme: 0405, Temple Sowerby to Appleby			
Sheet 3 of 10			
Map Number Project	Originator	Volume	
HE565627	AMY	EWE	
S00	MP	LD	011252
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02



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Project Name
A66 Northern Trans-Pennine Project

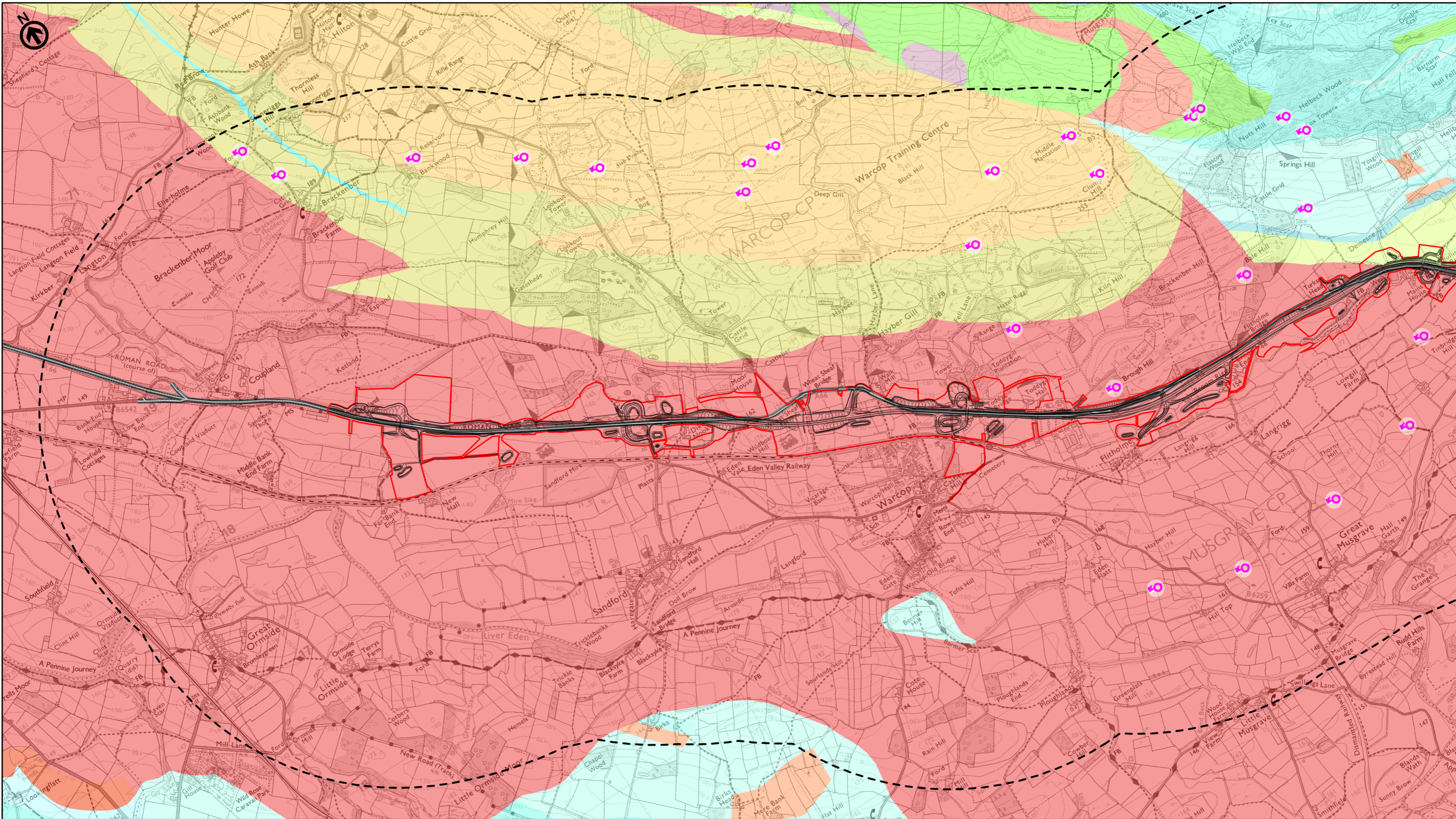
Map Title
14.8.1

Karst Hazard Map (Features within 2km)
Scheme: 0405, Temple Sowerby to Appleby
Sheet 4 of 10

Map Number	Project	Originator	Volume
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Location		Type	Role Number

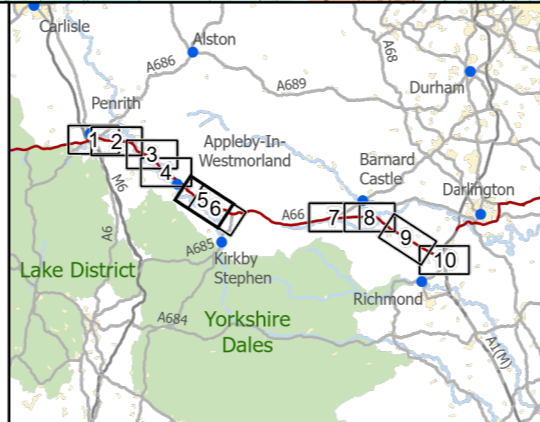
Suitability	Suitability Description	Revision
S4	FIT FOR STAGE APPROVAL	P02

This Environmental Statement Figure meets the requirements of Regulation 5(2)(1)(iii) of the Infrastructure Planning (Applications: Prescribed Forms and Procedure Regulations) 2009.



- Route Alignment
- Existing A66
- Order Limits
- - - Study Area 2000m
- Potential Springs
- ⬠ Known Cave
- ⊗ Potential Enclosed Depressions
- ★ Historical Mine
- 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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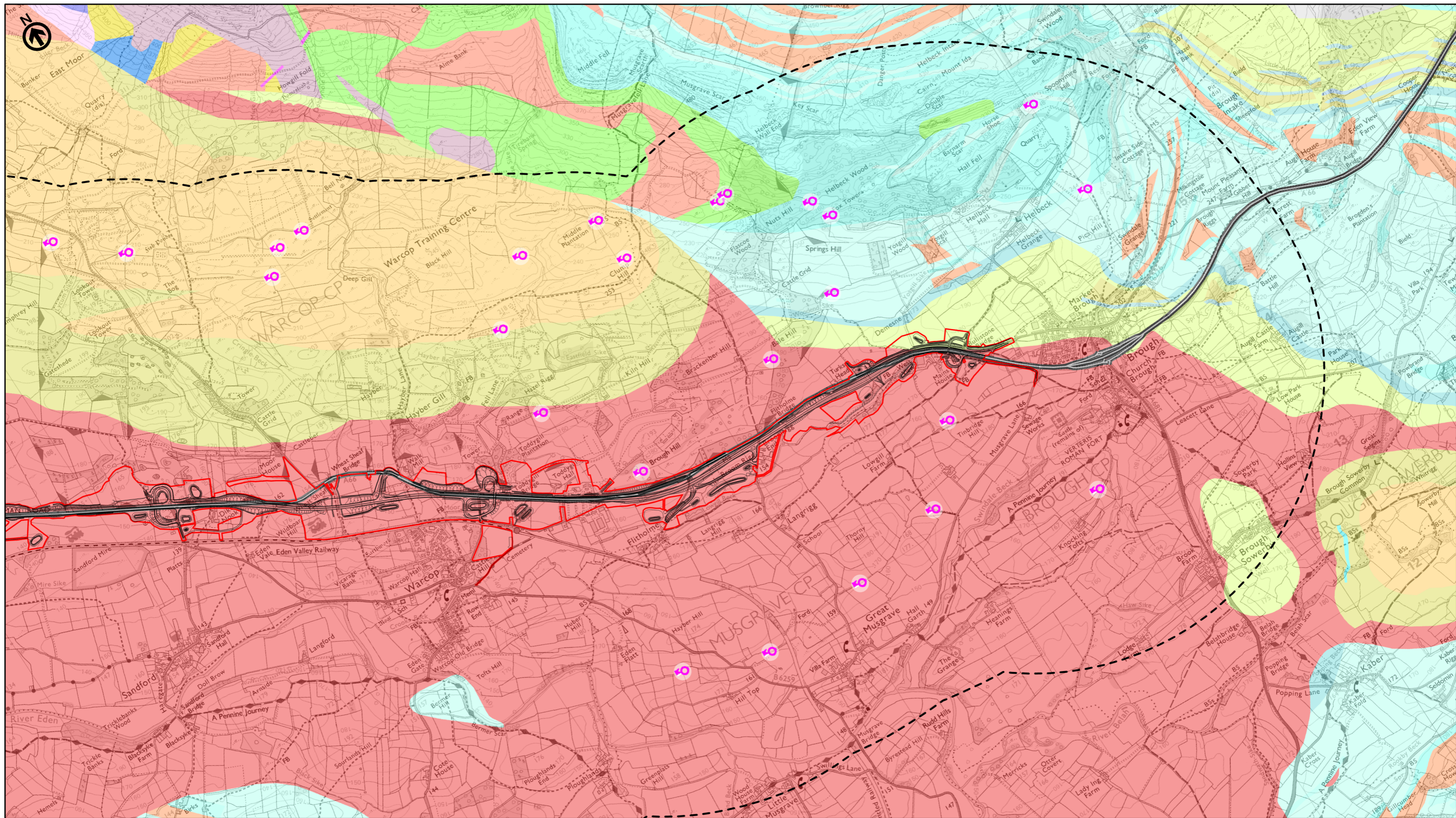
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Scale @ A3: 1:25,000 | Project Ref No HE565627 | Stage: Stage 3

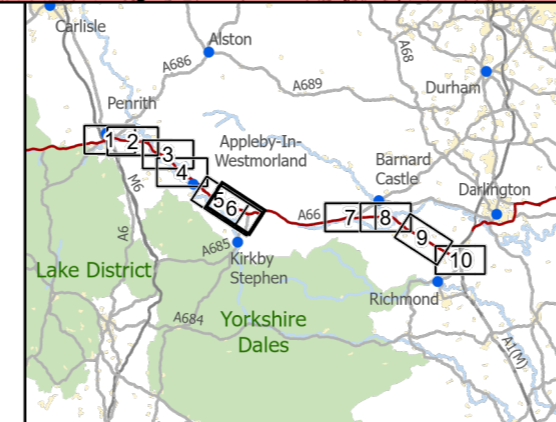
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Map Title 14.8.1			
Karst Hazard Map (Features within 2km)			
Scheme: 06, Appleby to Brough			
Sheet 5 of 10			
Map Number Project	Originator	Volume	
HE565627	AMY	EWE	
S00	MP	LD	011254
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02



- Route Alignment
- Existing A66
- Order Limits
- - - Study Area 2000m
- Potential Springs
- Known Cave
- ⊗ Potential Enclosed Depressions
- ★ Historical Mine
- 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

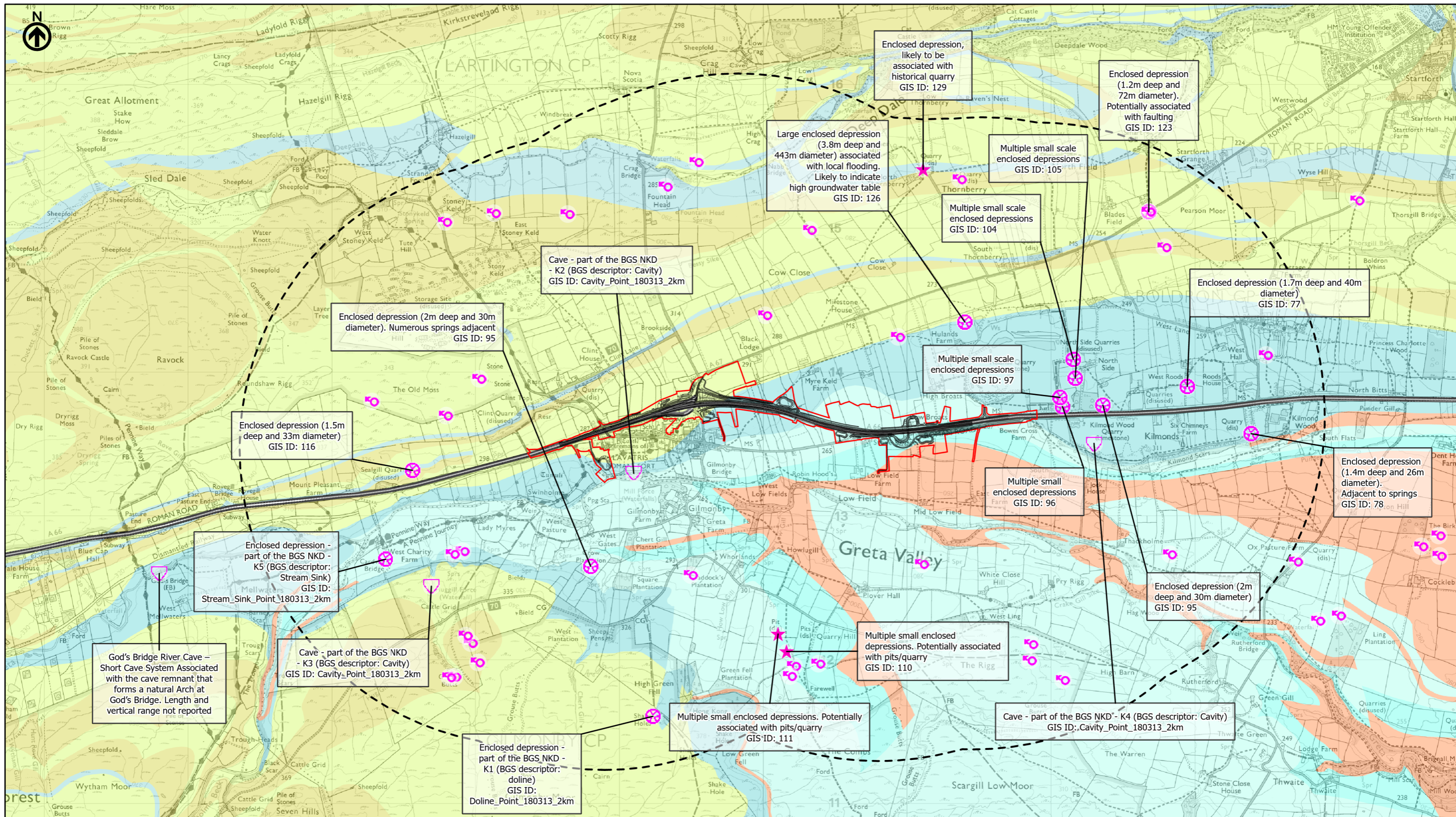


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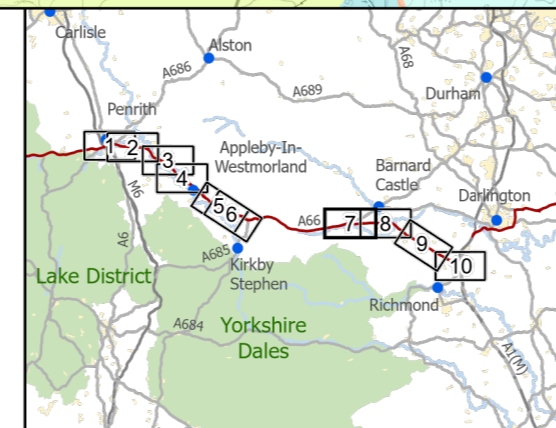
P02	First Issue	CESL	LHAN	MBRE	AMIT	KWHA
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Map Title 14.8.1			
Karst Hazard Map (Features within 2km)			
Scheme: 06, Appleby to Brough			
Sheet 6 of 10			
Map Number Project	Originator	Volume	
HE565627	AMY	EWE	
S00 Location	MP	LD	011255
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02



- Route Alignment
- Existing A66
- Order Limits
- - - Study Area 2000m
- ⊗ Potential Springs
- ⊕ Known Cave
- ⊗ Potential Enclosed Depressions
- ★ Historical Mine
- 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

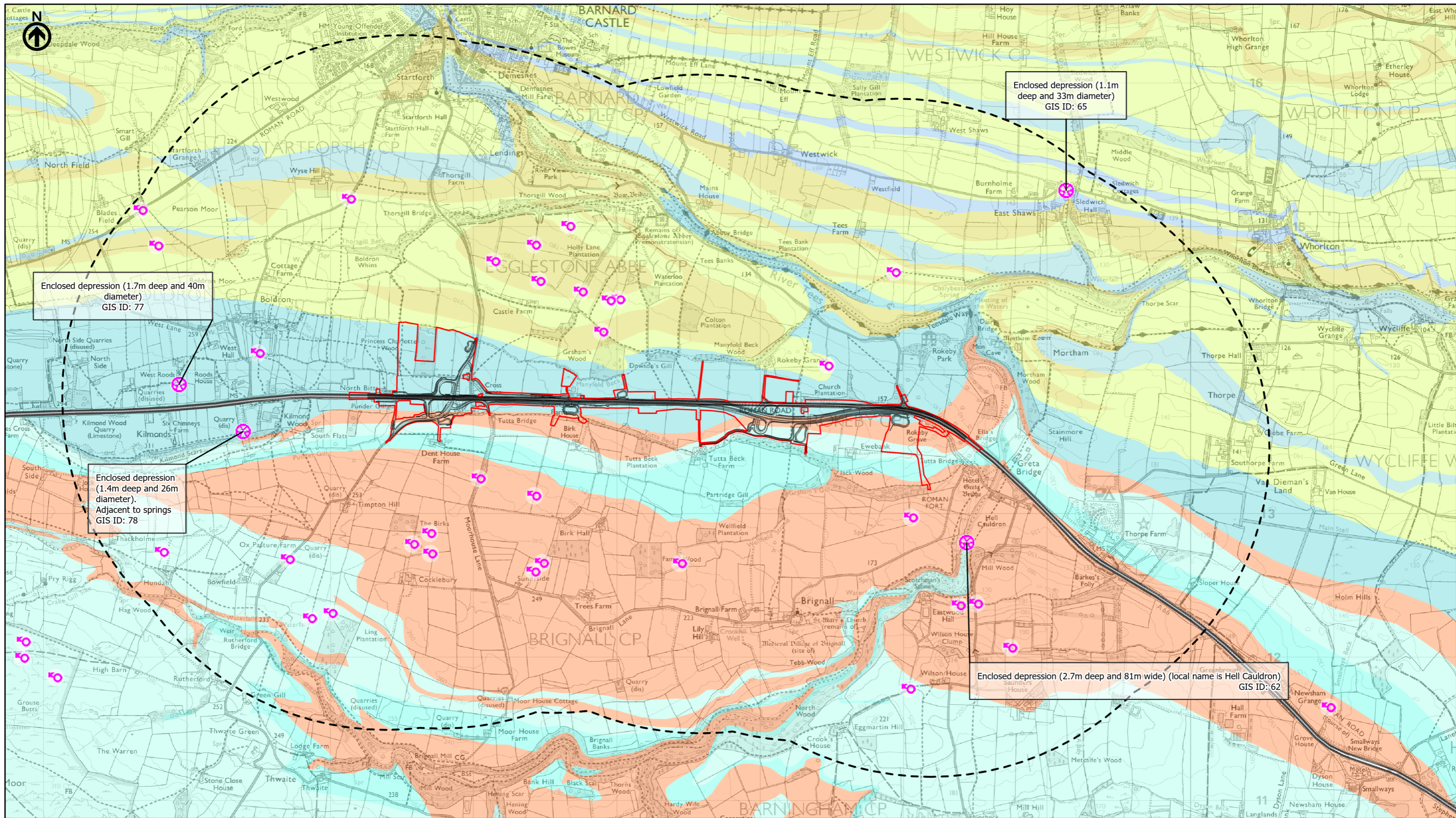


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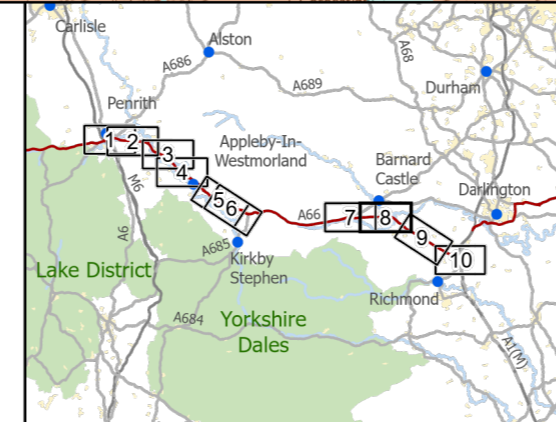
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Map Title 14.8.1			
Karst Hazard Map (Features within 2km) Scheme: 07, Bowes Bypass Sheet 7 of 10			
Map Number Project	Originator	Volume	
HE565627	AMY	EWE	
Location S00		Type	Role
		MP	LD
			011256
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02



- Route Alignment
- Existing A66
- Order Limits
- Study Area 2000m
- ⊗ Potential Springs
- ⊕ Known Cave
- ⊗ Potential Enclosed Depressions
- ★ Historical Mine
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- Great Limestone Member
- Little Limestone
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- St Bees Sandstone Member
- Stainmore Formation - Mudstone, Siltstone and Sandstone
- Three Yard Limestone

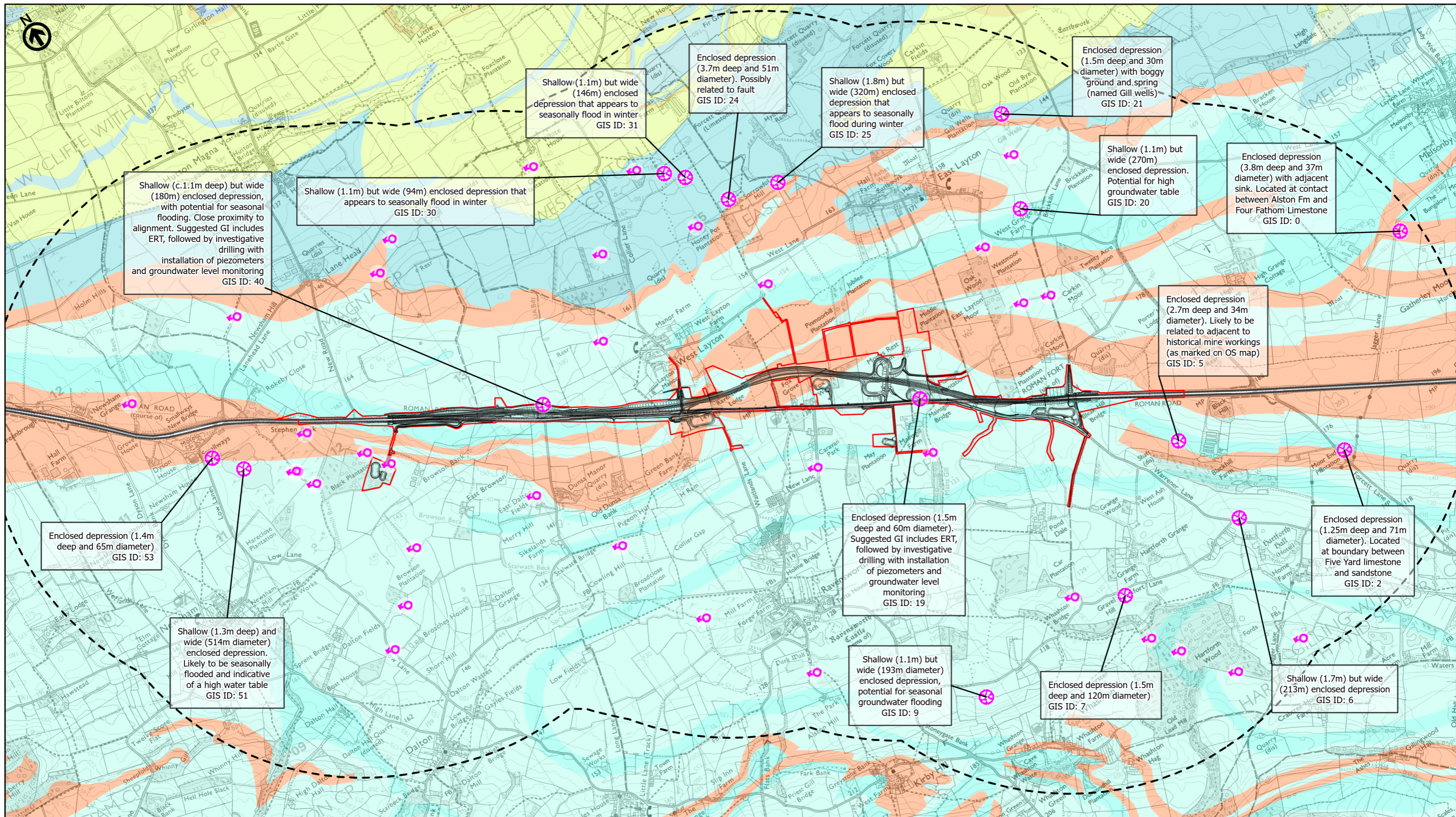


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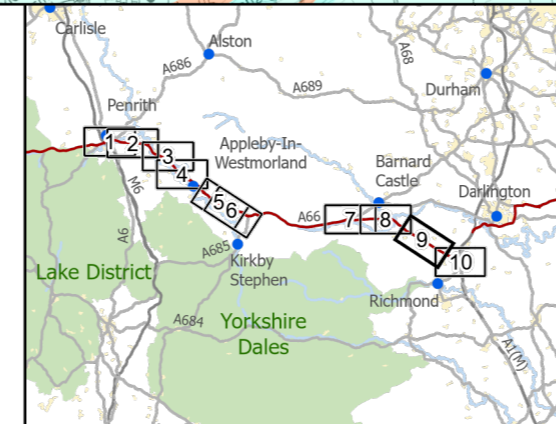
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Project Name A66 Northern Trans-Pennine Project			
Map Title 14.8.1			
Karst Hazard Map (Features within 2km)			
Scheme: 08, Cross Lanes to Rokeby			
Sheet 8 of 10			
Map Number	Project	Originator	Volume
HE565627	-	AMY	- EWE
S00	-	MP	- LD - 011257
Location		Type	Role Number
Suitability	Suitability Description		Revision
S4	FIT FOR STAGE APPROVAL		P02



- Route Alignment
- Existing A66
- Order Limits
- - - Study Area 2000m
- Potential Springs
- Known Cave
- Potential Enclosed Depressions
- ★ Historical Mine
- BGS 1:50k Bedrock
- Alston Formation - Mudstone Sandstone and Siltstone
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- St Bees Sandstone Member
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- Three Yard Limestone



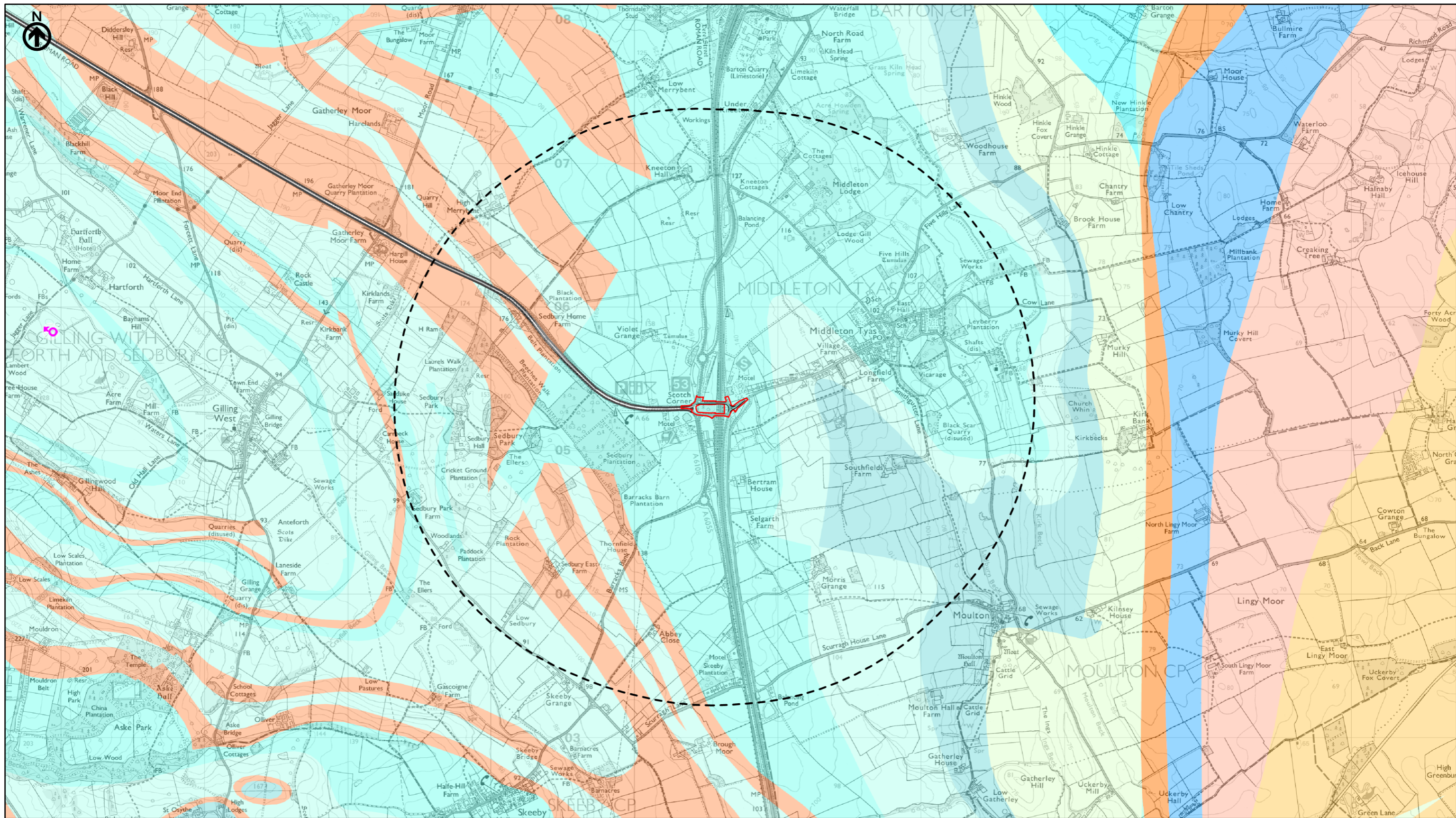
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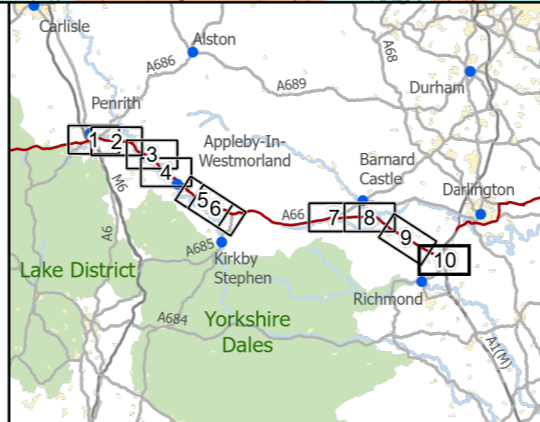
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Project Name A66 Northern Trans-Pennine Project			
Map Title 14.8.1			
Karst Hazard Map (Features within 2km) Scheme: 09, Stephen Bank to Carkin Moor Sheet 9 of 10			
Map Number Project	Originator	Volume	
HE565627	AMY	EWE	
S00 Location	MP - LD	011258	
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL	Revision P02	



- Route Alignment
- Existing A66
- ▭ Order Limits
- - - Study Area 2000m
- ⊕ Potential Springs
- ⬮ Known Cave
- ⊕ Potential Enclosed Depressions
- ★ Historical Mine
- BGS 1:50k Bedrock
- Alston Formation - Mudstone Sandstone and Siltstone
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- Belah Dolomite
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Project Name A66 Northern Trans-Pennine Project			
Map Title 14.8.1			
Karst Hazard Map (Features within 2km)			
Scheme: 11, A1(M) Junction 53 Scotch Corner			
Sheet 10 of 10			
Map Number Project	Originator	Volume	
HE565627	AMY	EWE	
S00	MP	LD	011259
Location	Type	Role	Number
Suitability S4	Suitability Description FIT FOR STAGE APPROVAL		Revision P02