

Lower Thames Crossing

6.2 Environmental Statement Figures

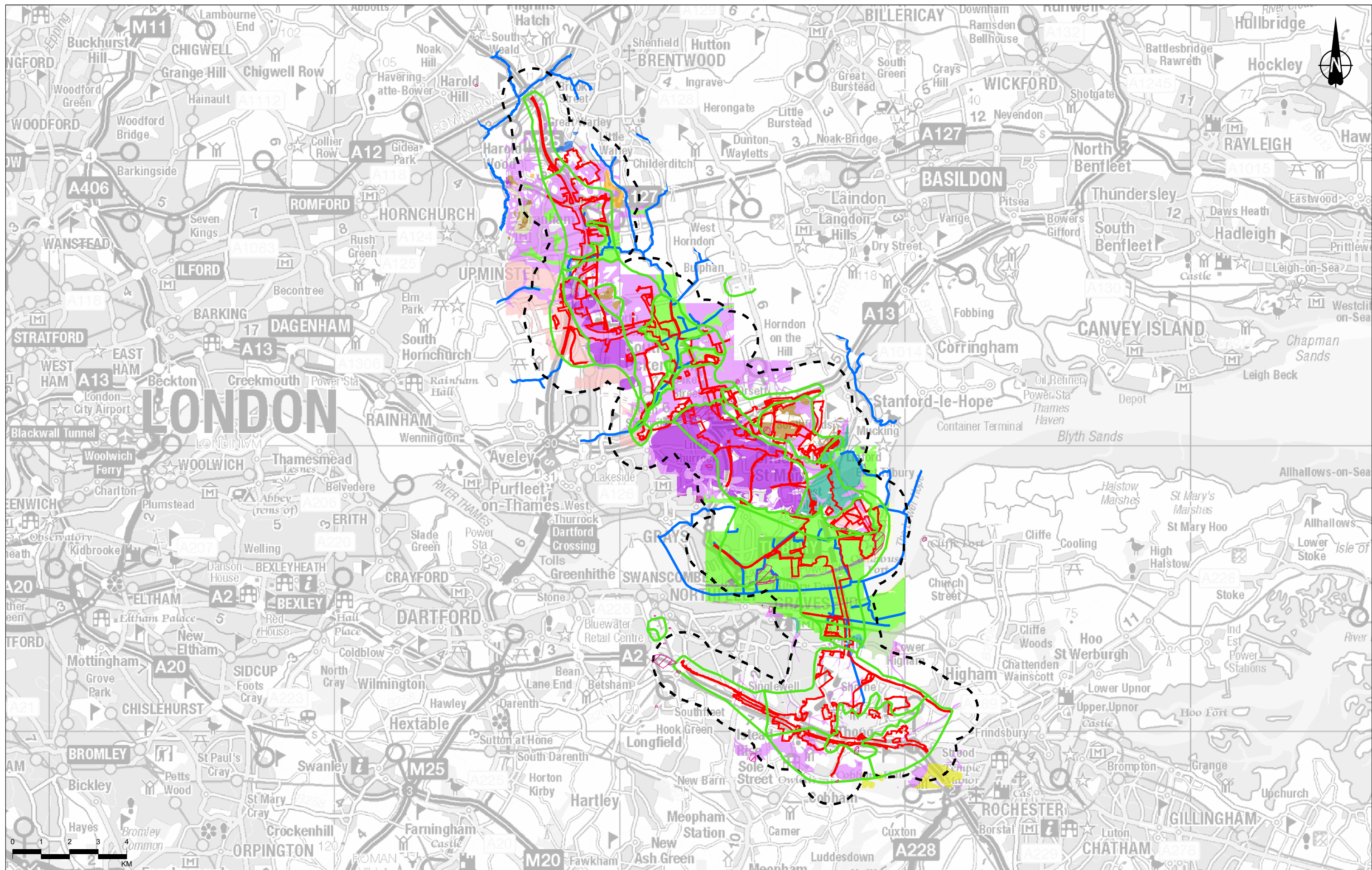
Figure 6.8 - Archaeology and Geology

APFP Regulation 5(2)(a)
Infrastructure Planning
(Applications: Prescribed Forms and Procedure)
Regulations 2009
Volume 6

DATE: October 2022

Planning Inspectorate Scheme Ref: TR010032
Application Document Ref: TR010032/APP/6.2

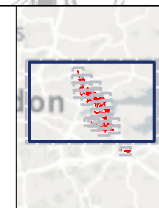
VERSION: 1.0



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P02	S8	26/10/2022	DCO Application	MPC	JG	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Checked	Approved

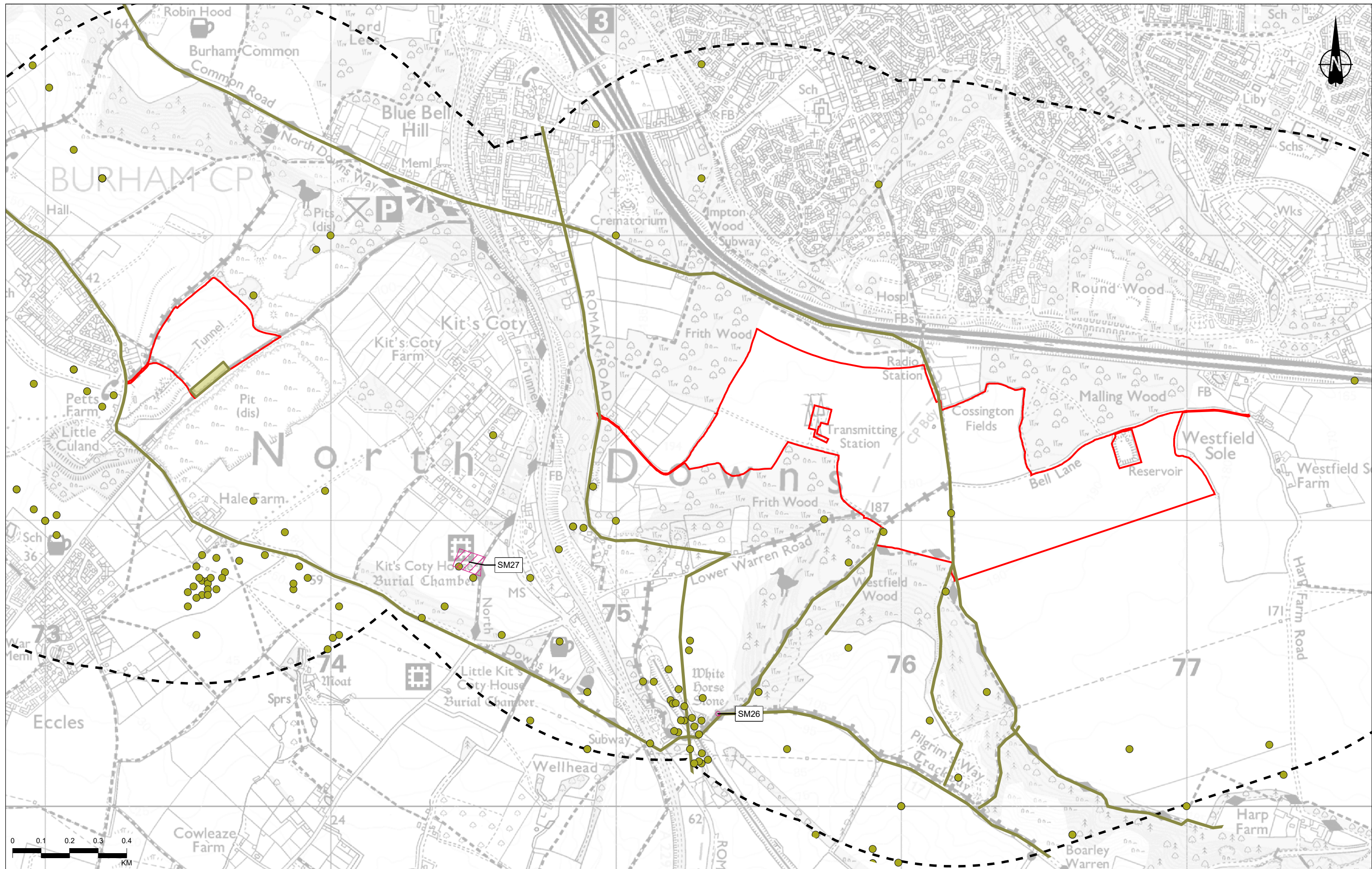
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	Order Limits		Alluvium		Glaciolacustrine Deposits, Mid Pleistocene		River Terrace Deposits (Undifferentiated)
	Cultural heritage study area		Beach and Tidal Flat Deposits (Undifferentiated)		Head		River Terrace Deposits, 1
	Palaeolithic-Quaternary Zones		Black Park Gravel Member		Ilford Silt Member		River Terrace Deposits, 2
	Main river		Boyn Hill Gravel Member		Kempton Park Gravel Formation		Stanmore Gravel Formation
	Scheduled Monument (SM)		Clay-with-flints Formation		Lowestoft Formation		Taplow Gravel Formation
			Glaciofluvial Deposits, Mid Pleistocene		Lynch Hill Gravel Member		Tidal River Or Creek Deposits
					Peat		



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Status	DCO APPLICATION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:120,000		
Drawing Title	Figure 6.8 - Archaeology and Geology				
	Page 1 of 26				
Drawing Number	HE540039-CJV-EHR-SZP_EGNE00000000-DR-LE-50149				

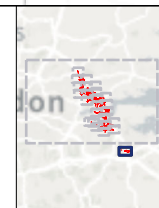



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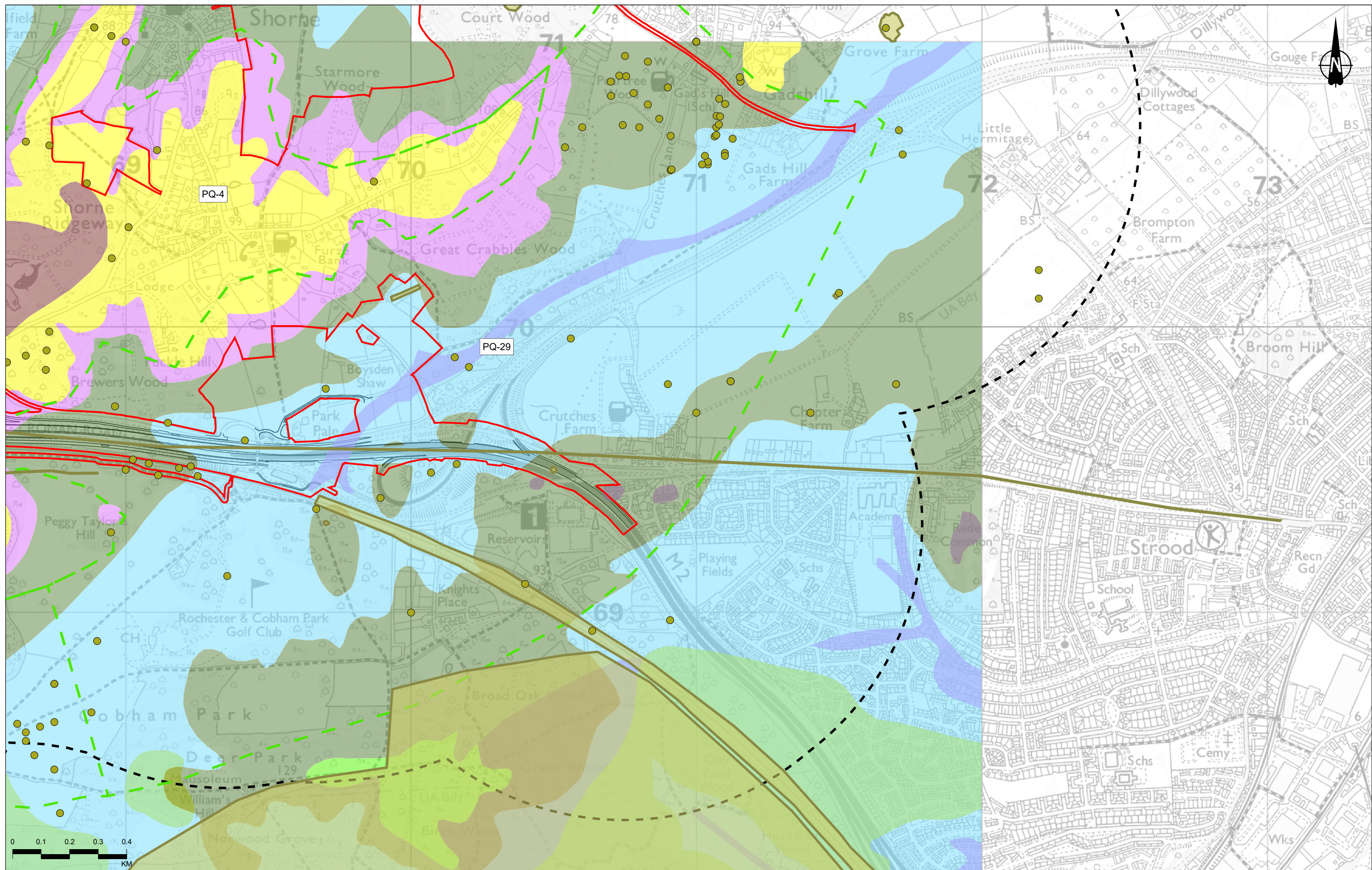
Legend

- Order Limits
- Cultural heritage study area
- Non-designated archaeology asset - point - Prehistoric to Medieval
- Non-designated archaeology asset - line - Prehistoric to Medieval
- Non-designated archaeology asset - area - Prehistoric to Medieval
- Scheduled Monument (SM)



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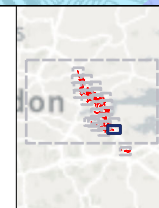
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Drawing Title	Figure 6.8 - Archaeology and Geology				
Page 2 of 26					
Drawing Number	HE540039-CJV-EHR-SZP_EGNE00000000-DR-LE-50149				



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P02	S8	26/10/2022	DCO Application	MPC	JG	BF
Rev	Status	Rev. Date	Purpose of revision	Drawn	Check'd	Apprv'd

Legend	Order Limits	Non-designated archaeology asset - line – Prehistoric to Medieval	Lewes Nodular Chalk Formation
Route alignment	Non-designated archaeology asset - area – Prehistoric to Medieval	London Clay Formation	Thanet Formation
Cultural heritage study area	Bedrock Geology	Harwich Formation	Superficial Deposits
Palaeolithic-Quaternary Zones	Lambeth Group	Clay-with-flints Formation	Head
Non-designated archaeology asset - point – Prehistoric to Medieval	Lenham Formation		

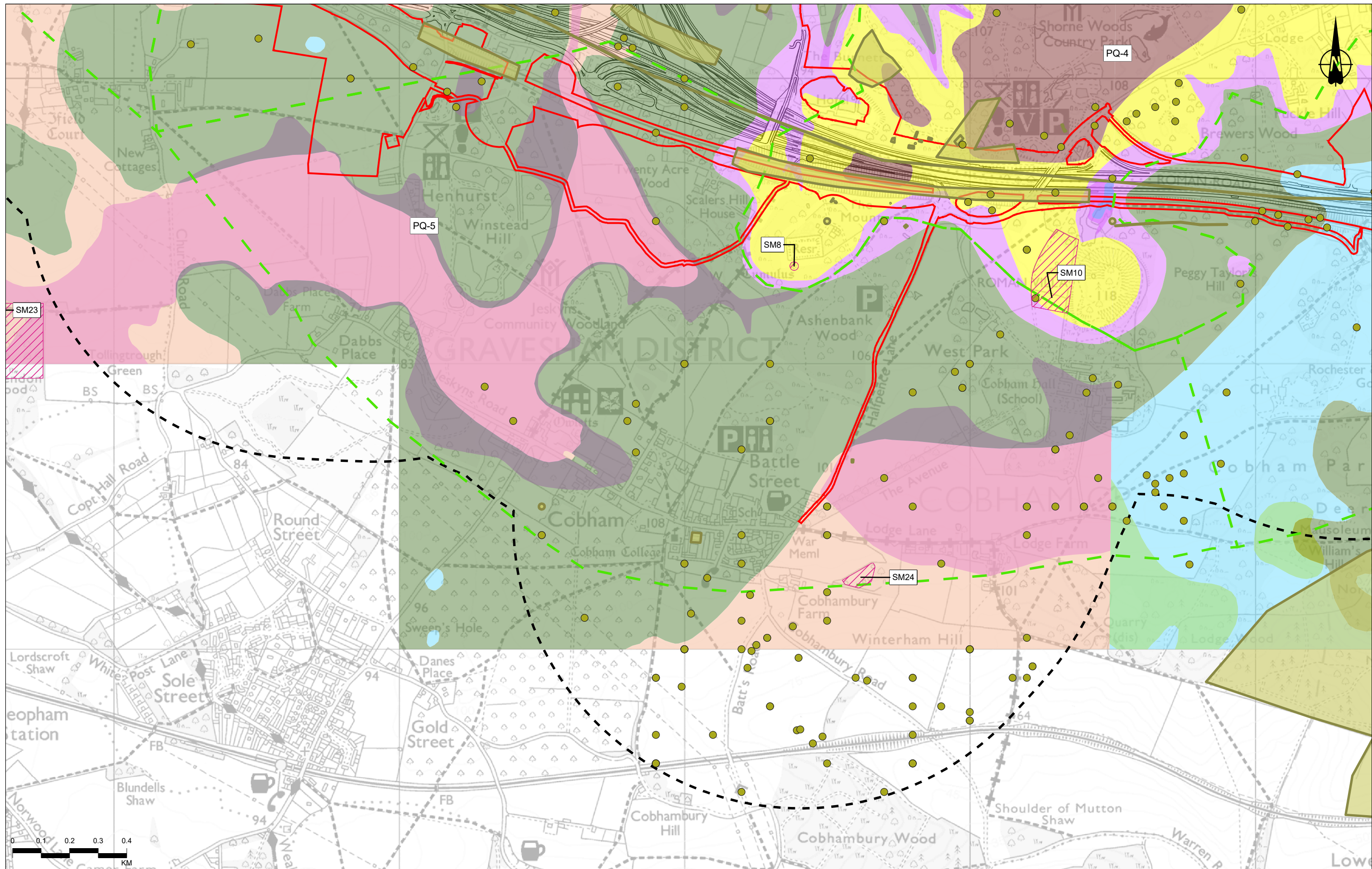


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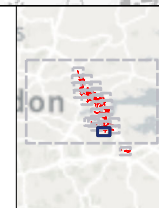
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Legend	
	Order Limits
	Route alignment
	Cultural heritage study area
	Palaeolithic-Quaternary Zones
	Non-designated archaeology asset - point - Prehistoric to Medieval
	Non-designated archaeology asset - line - Prehistoric to Medieval
	Non-designated archaeology asset - area - Prehistoric to Medieval
	Scheduled Monument (SM)
Bedrock Geology	
	Harwich Formation
	Lambeth Group
	Lewes Nodular Chalk Formation
	London Clay Formation
	Seaford Chalk Formation
	Thanet Formation
Superficial Deposits	
	Clay-with-flints Formation
	Head
	Peat

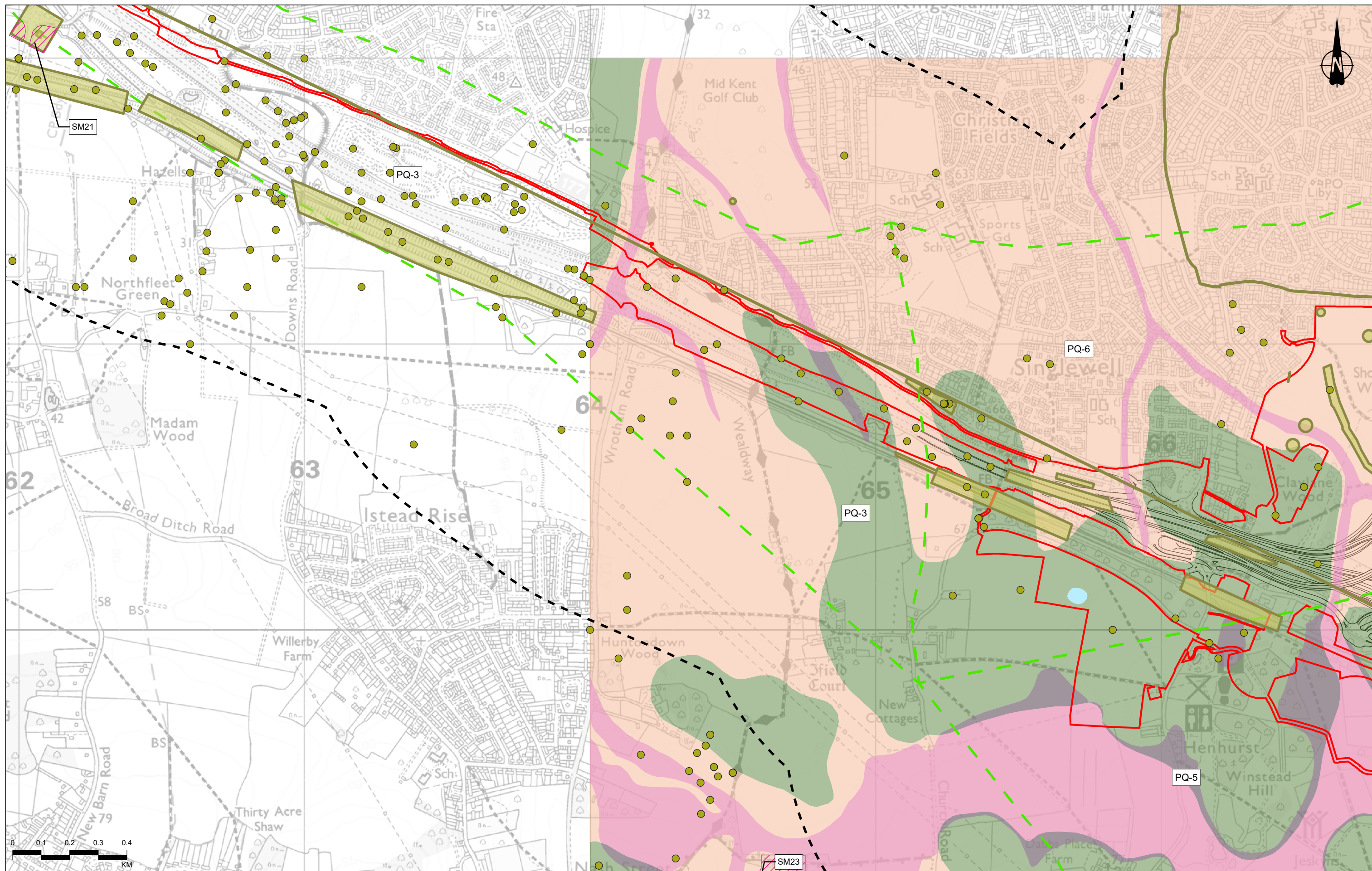


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	Page 4 of 26				
Drawing Number	HE540039-CJV-EHR-SZP_EGNE00000000-DR-LE-50149				

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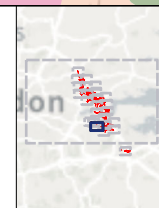


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Legend

- Order Limits
- Route alignment
- Cultural heritage study area
- Palaeolithic-Quaternary Zones
- Non-designated archaeology asset - point – Prehistoric to Medieval
- Non-designated archaeology asset - line – Prehistoric to Medieval
- Non-designated archaeology asset - area – Prehistoric to Medieval
- Scheduled Monument (SM)
- Bedrock Geology
 - Lewes Nodular Chalk Formation
 - Seafood Chalk Formation
 - Thanet Formation
 - Superficial Deposits
 - Head



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Page 5 of 26					
Drawing Number	HE540039-CJV-EHR-SZP_EGNE0000000-DR-LE-50149				

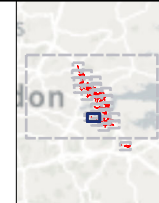


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- Legend**
- Order Limits
 - Route alignment
 - Cultural heritage study area
 - Palaeolithic-Quaternary Zones
 - Non-designated archaeology asset - point - Prehistoric to Medieval
 - Non-designated archaeology asset - line - Prehistoric to Medieval

- Non-designated archaeology asset - area - Prehistoric to Medieval
- Scheduled Monument (SM)
- Bedrock Geology**
- Seaford Chalk Formation
- Thanet Formation
- Superficial Deposits**
- Head

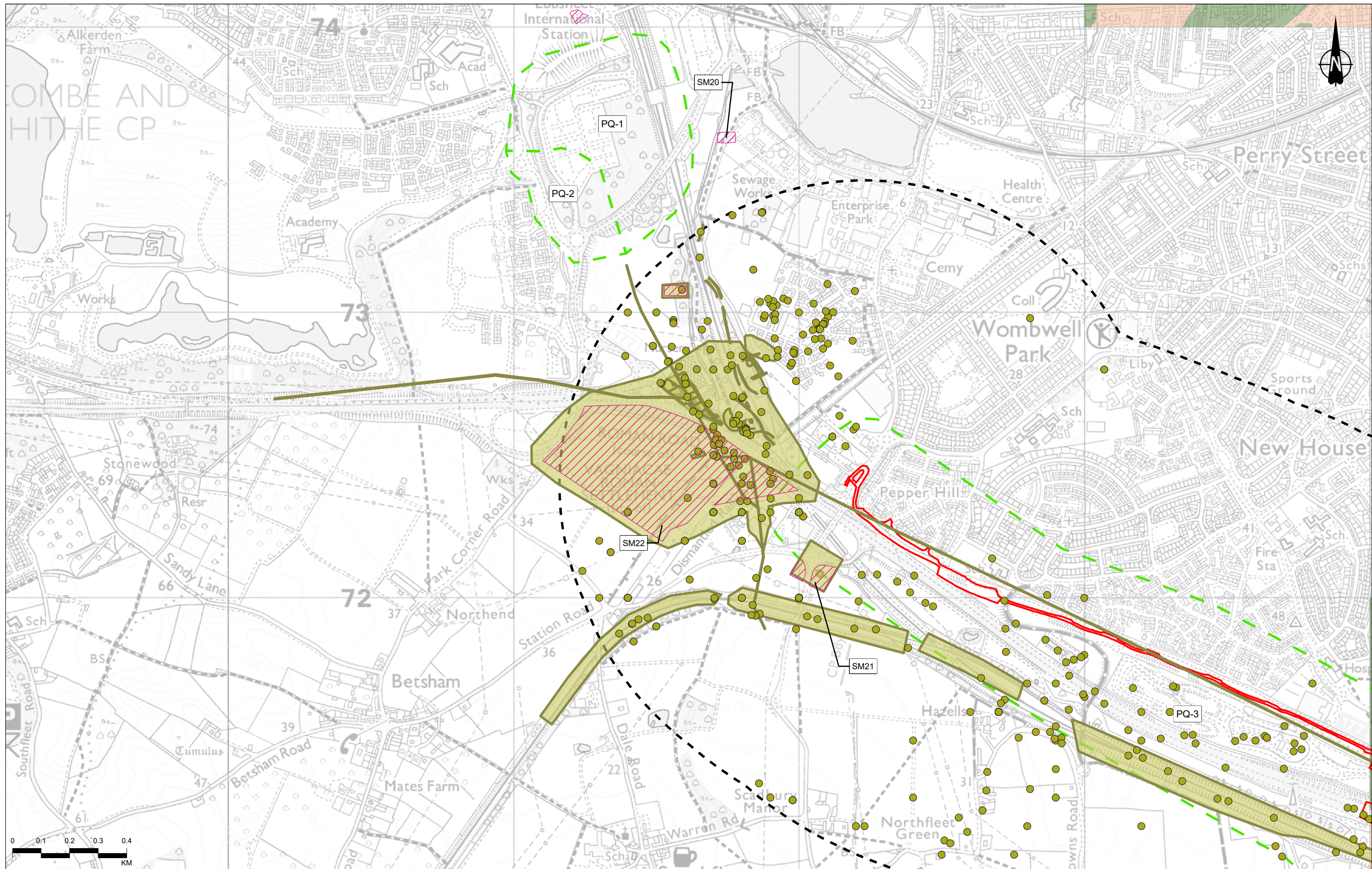


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Page 6 of 26					
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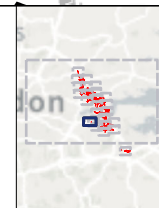
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Order Limits	Non-designated archaeology asset - area – Prehistoric to Medieval
Cultural heritage study area	Scheduled Monument (SM)
Palaeolithic-Quaternary Zones	Bedrock Geology
Non-designated archaeology asset - point – Prehistoric to Medieval	Seaford Chalk Formation
Non-designated archaeology asset - line – Prehistoric to Medieval	Thanet Formation

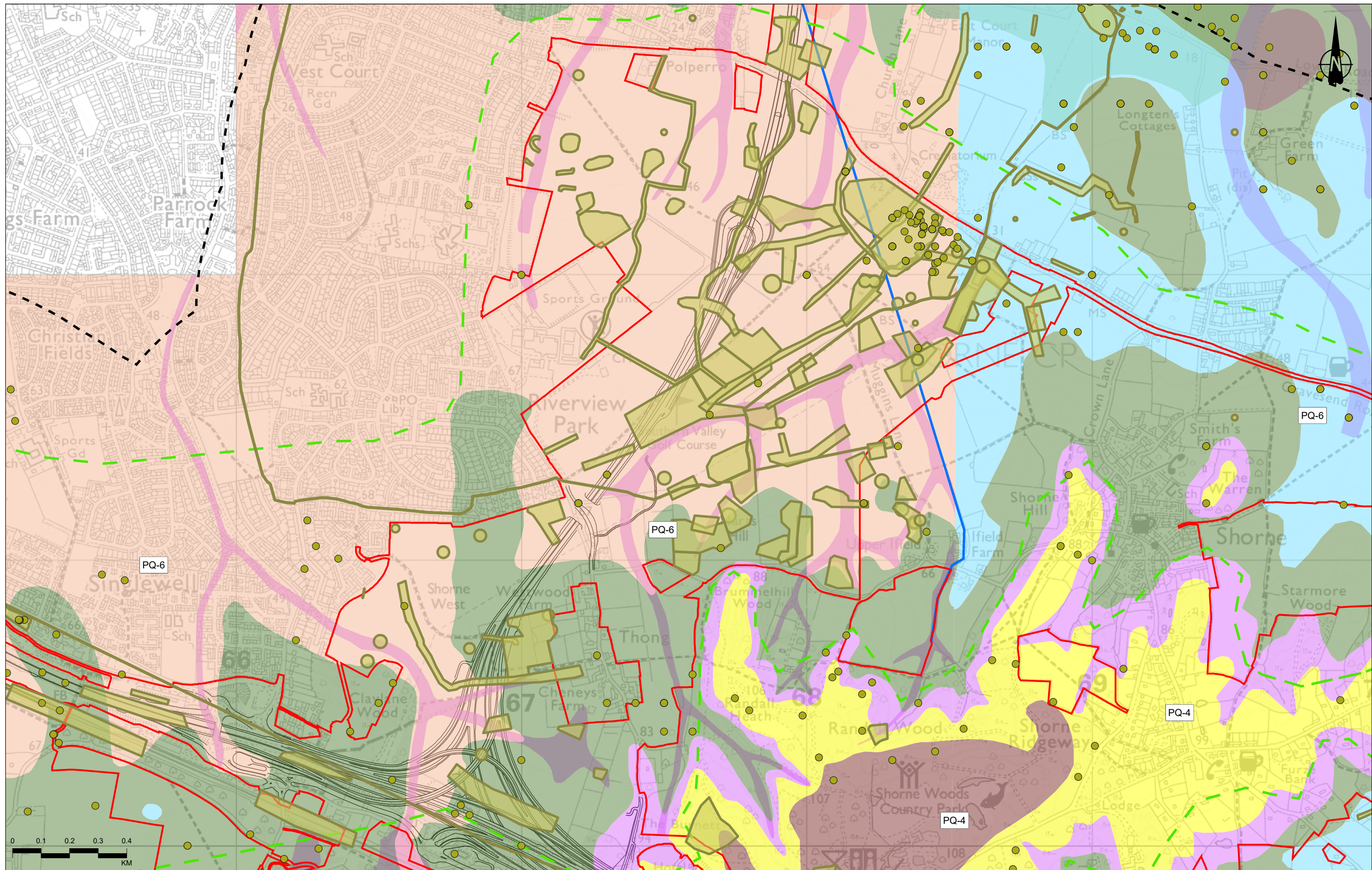


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Page 7 of 26					
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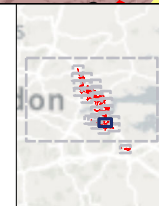
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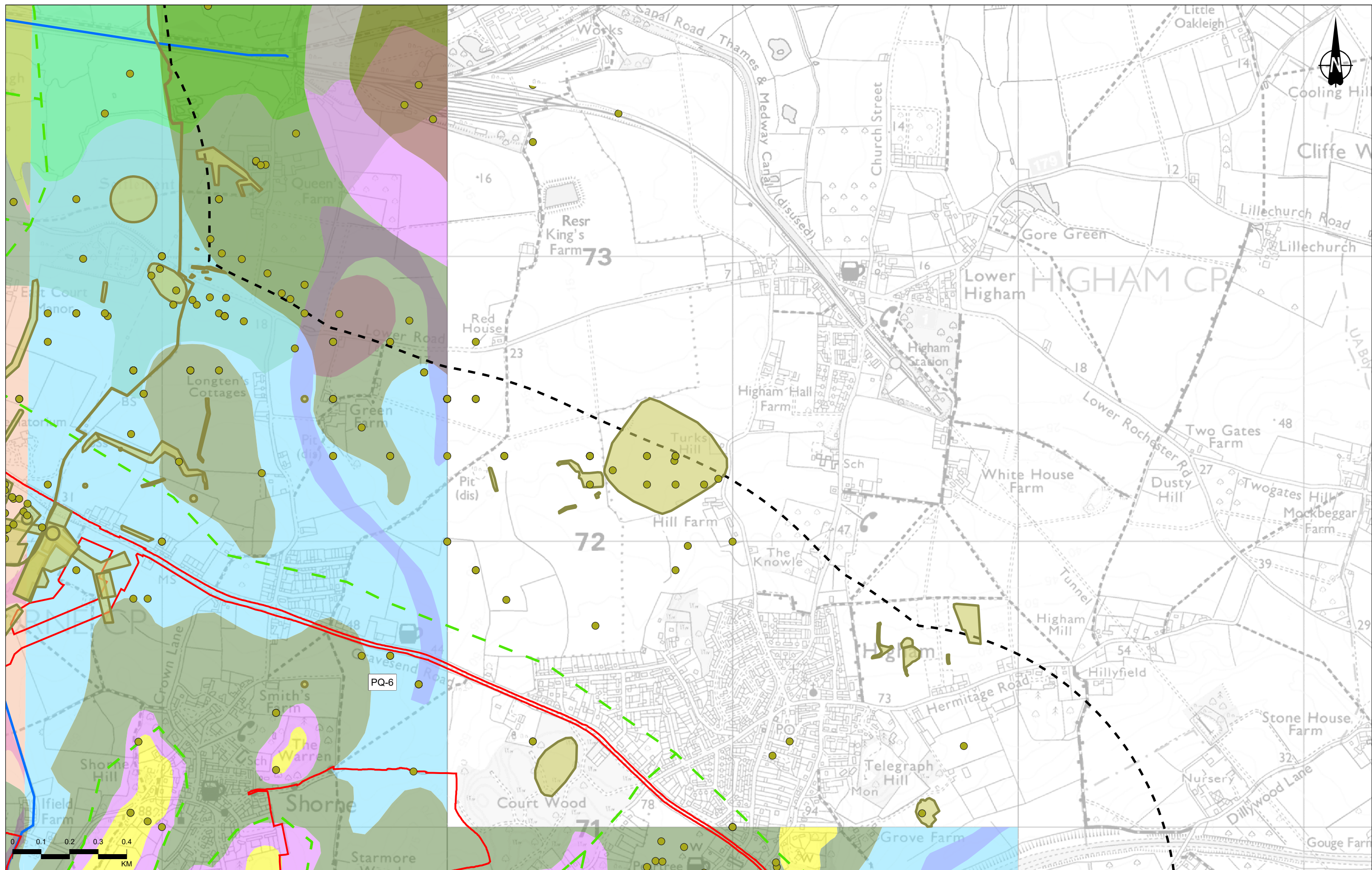
Order Limits	Non-designated archaeology asset - line - Prehistoric to Medieval	Seaford Chalk Formation
Route alignment	Non-designated archaeology asset - area - Prehistoric to Medieval	Thanet Formation
Cultural heritage study area	Bedrock Geology	Superficial Deposits
Palaeolithic-Quaternary Zones	Harwich Formation	Head
Main river	Lambeth Group	Lynch Hill Gravel Member
Non-designated archaeology asset - point - Prehistoric to Medieval	Lewes Nodular Chalk Formation	River Terrace Deposits, 1
	London Clay Formation	River Terrace Deposits, 2
		Taplow Gravel Formation



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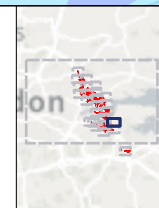
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	Page 8 of 26				
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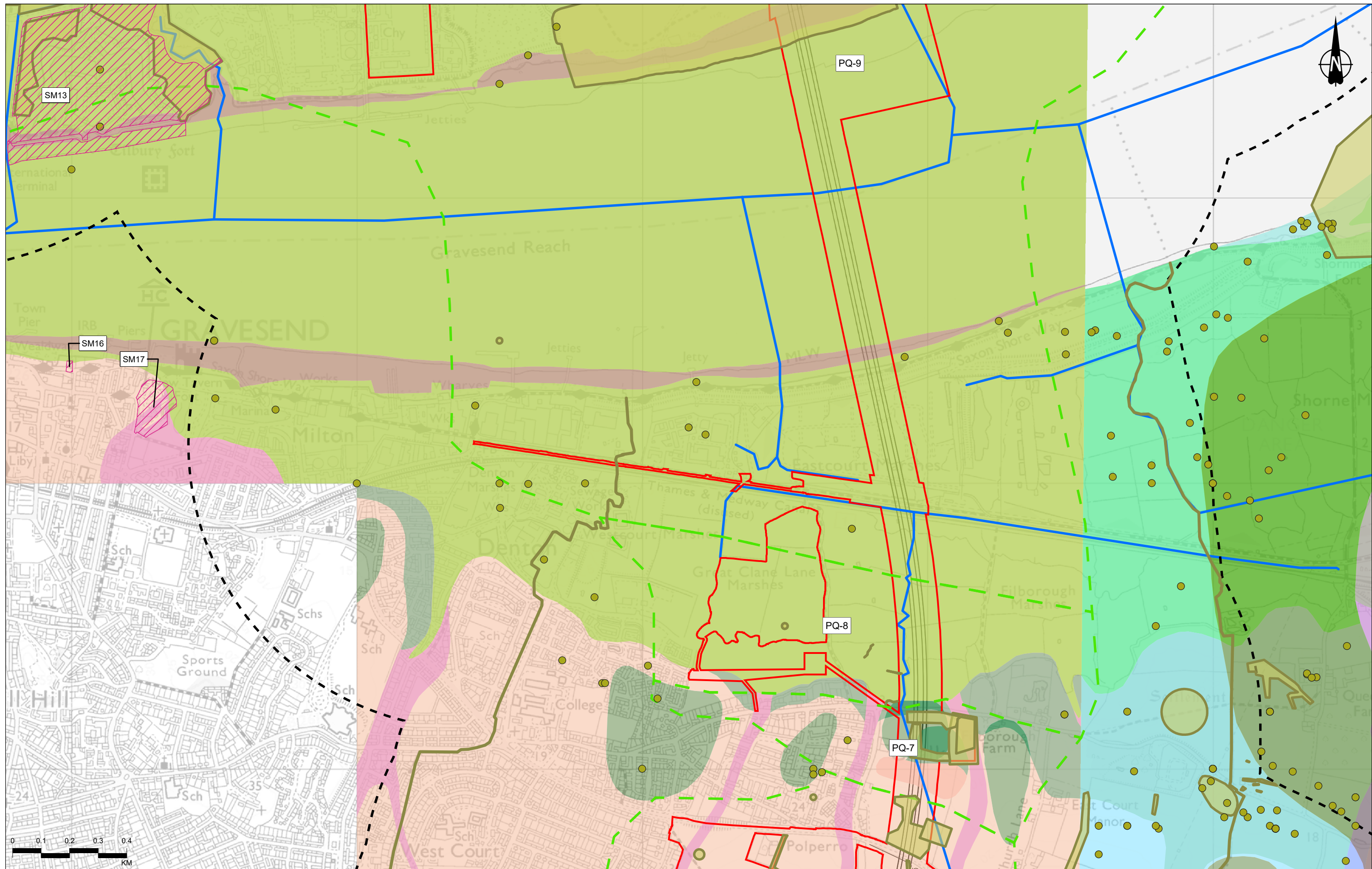
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Cultural heritage study area	Harwich Formation	Alluvium
Palaeolithic-Quaternary Zones	Lambeth Group	Head
Main river	Lewes Nodular Chalk Formation	River Terrace Deposits, 1
Non-designated archaeology asset - point – Prehistoric to Medieval	London Clay Formation	River Terrace Deposits, 2
Non-designated archaeology asset - line – Prehistoric to Medieval	Seaford Chalk Formation	Taplow Gravel Formation



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Status	DCO APPLICATION	Original Size	A3	Revision	P02
Application Document Number	TR010032/APP/6.2	Scale	1:12,000		
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Page 9 of 26					
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Legend

- Order Limits
- Route alignment
- Cultural heritage study area
- Palaeolithic-Quaternary Zones
- Main river
- Non-designated archaeology asset - point - Prehistoric to Medieval
- Non-designated archaeology asset - line - Prehistoric to Medieval

Non-designated archaeology asset - area - Prehistoric to Medieval

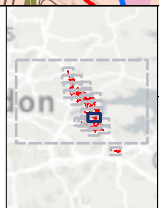
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Bedrock Geology

- Lambeth Group
- Lewes Nodular Chalk Formation
- Seaford Chalk Formation
- Thanet Formation

Superficial Deposits

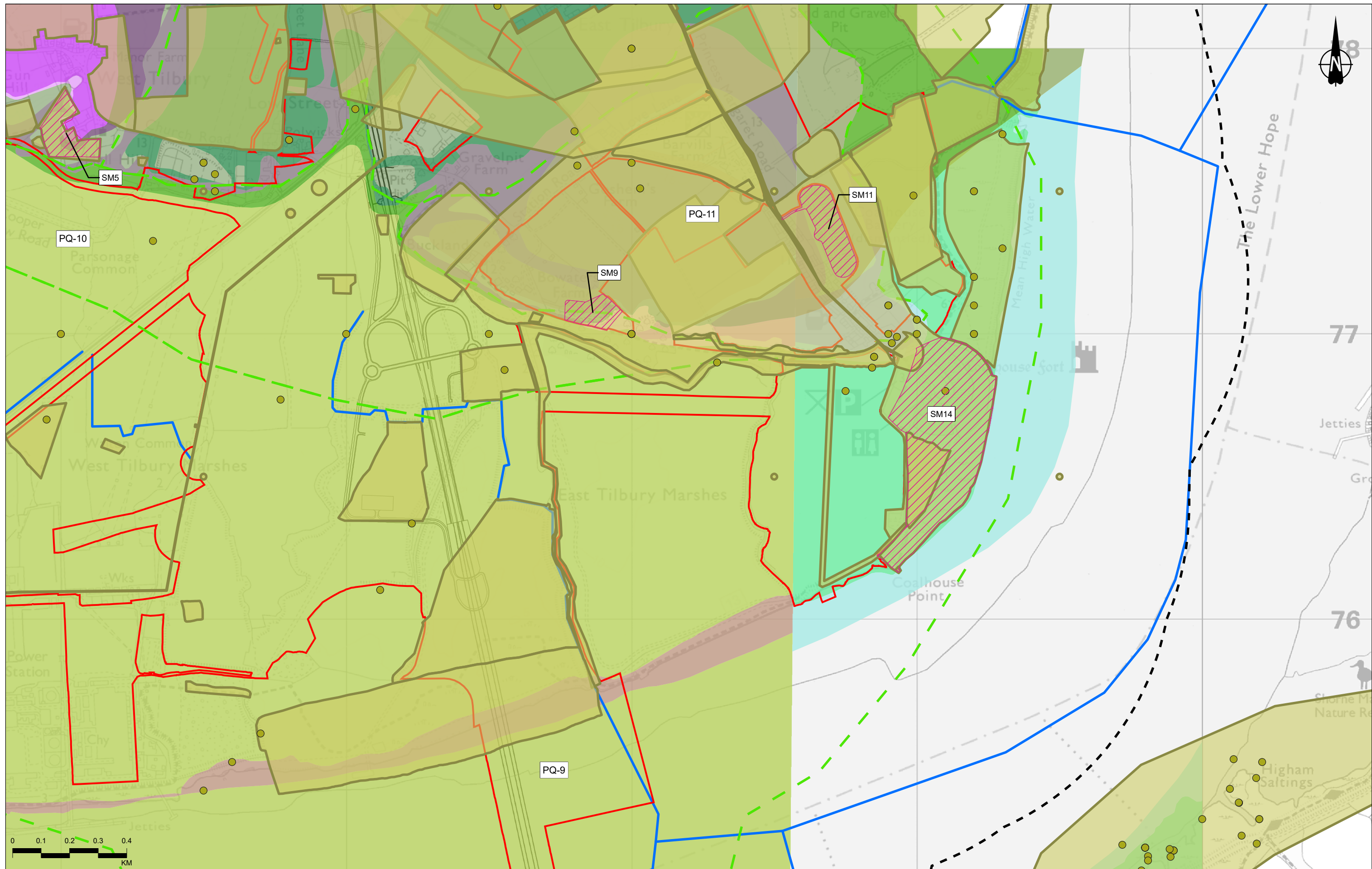
- Alluvium
- Beach and Tidal Flat Deposits (Undifferentiated)
- Head
- Lynch Hill Gravel Member
- River Terrace Deposits, 1
- River Terrace Deposits, 2
- Taplow Gravel Formation
- Tidal River or Creek Deposits



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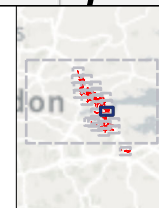
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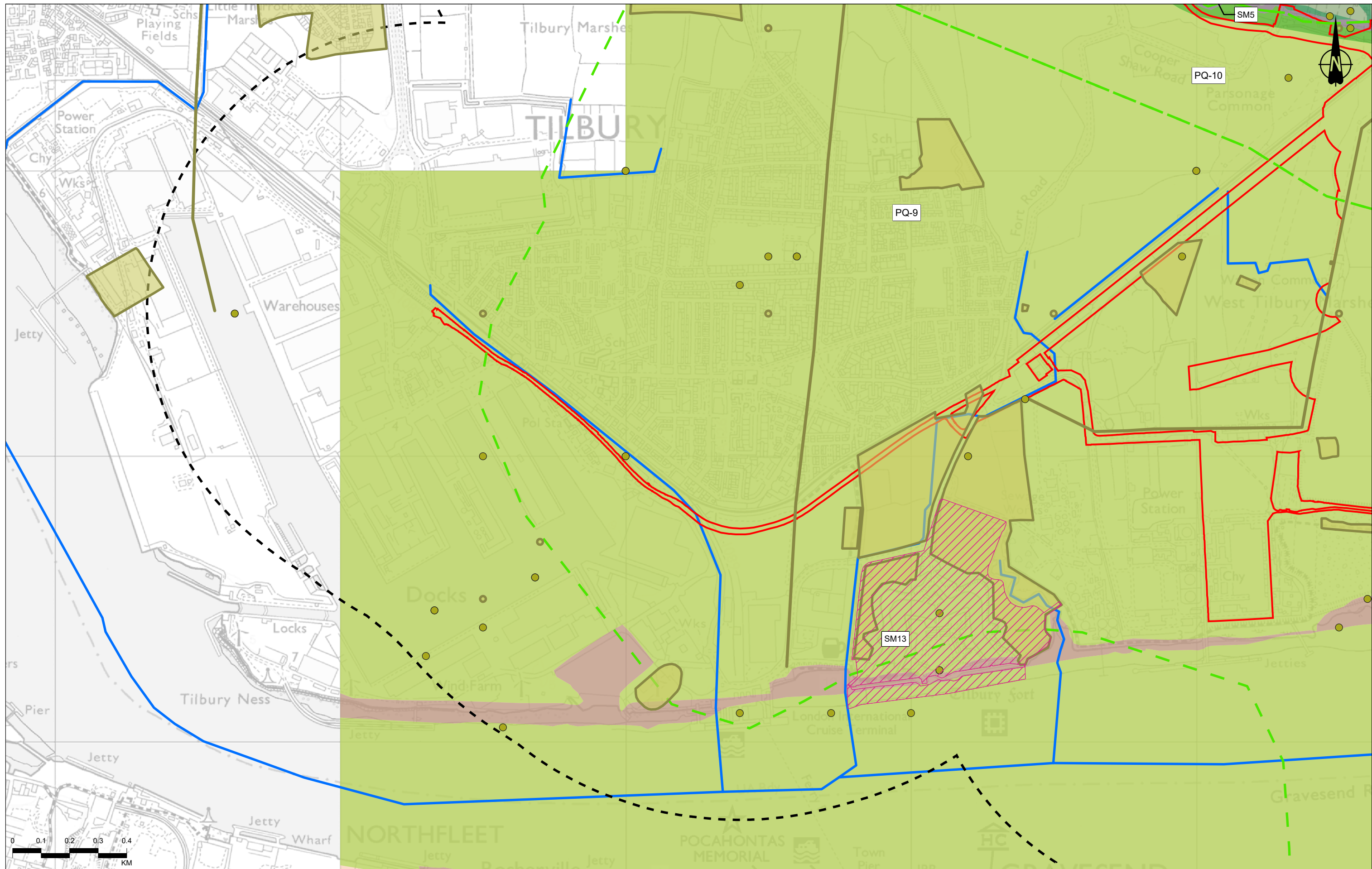
Legend	
Order Limits	Non-designated archaeology asset - area - Prehistoric to Medieval
Route alignment	Scheduled Monument (SM)
Cultural heritage study area	Bedrock Geology
Palaeolithic-Quaternary Zones	Lambeth Group
Main river	Lewes Nodular Chalk Formation
Non-designated archaeology asset - point - Prehistoric to Medieval	Seaford Chalk Formation
Non-designated archaeology asset - line - Prehistoric to Medieval	Thanet Formation
	Superficial Deposits
	Alluvium
	Beach and Tidal Flat Deposits (Undifferentiated)
	Boyn Hill Gravel Member
	Head
	Lynch Hill Gravel Member
	River Terrace Deposits (Undifferentiated)
	River Terrace Deposits, 2
	Taplow Gravel Formation
	Tidal River Or Creek Deposits



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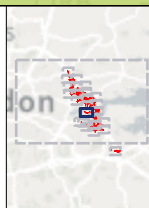
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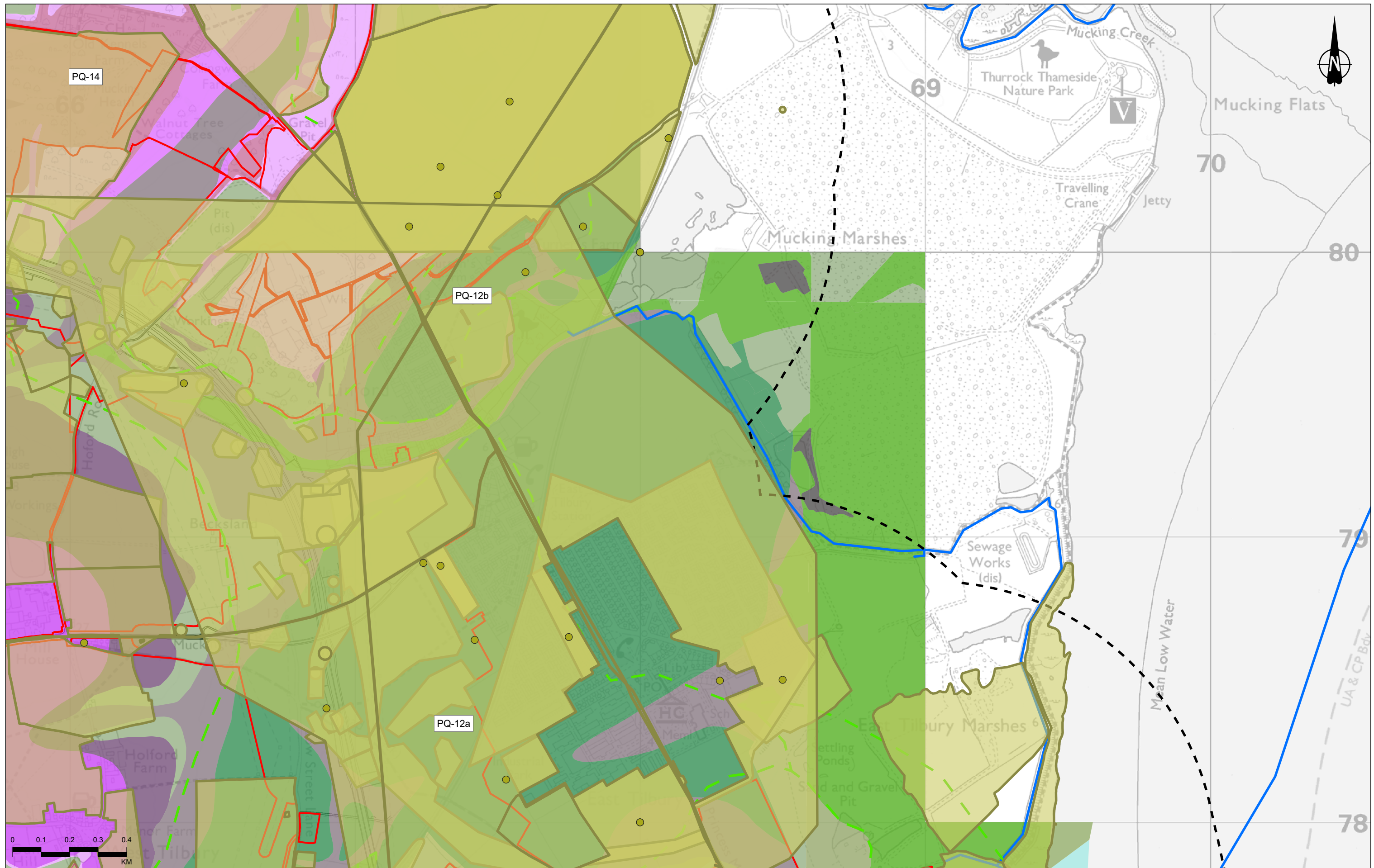
Legend	Order Limits	Non-designated archaeology asset - line – Prehistoric to Medieval	Thanet Formation
Cultural heritage study area	Palaeolithic-Quaternary Zones	Non-designated archaeology asset - area – Prehistoric to Medieval	Superficial Deposits
Main river	Non-designated archaeology asset - point – Prehistoric to Medieval	Scheduled Monument (SM)	Alluvium
		Bedrock Geology	Head
		Seaford Chalk Formation	Taplow Gravel Formation
			Tidal River Or Creek Deposits



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Legend

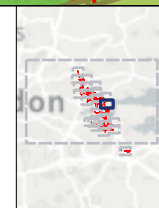
- Order Limits
- Route alignment
- Cultural heritage study area
- Palaeolithic-Quaternary Zones
- Main river
- Non-designated archaeology asset - point - Prehistoric to Medieval
- Non-designated archaeology asset - line - Prehistoric to Medieval
- Non-designated archaeology asset - area - Prehistoric to Medieval
- Scheduled Monument (SM)

Bedrock Geology

- Lambeth Group
- Lewes Nodular Chalk Formation
- Thanet Formation

Superficial Deposits

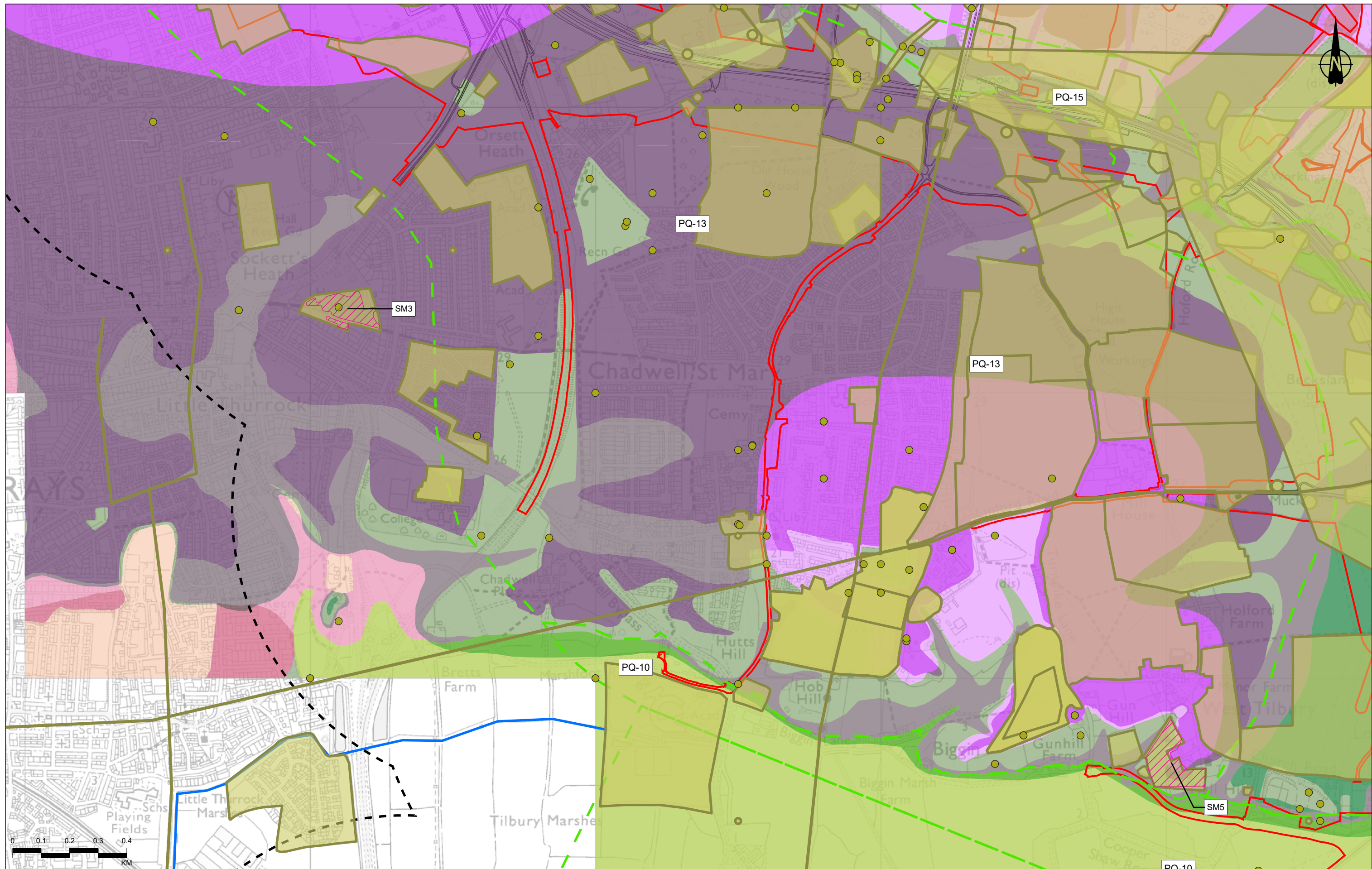
- Alluvium
- Beach and Tidal Flat Deposits (Undifferentiated)
- Black Park Gravel Member
- Boyn Hill Gravel Member
- Head
- Kempton Park Gravel Formation
- Lynch Hill Gravel Member
- River Terrace Deposits (Undifferentiated)
- Taplow Gravel Formation



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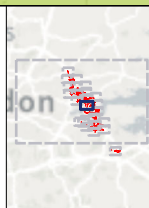
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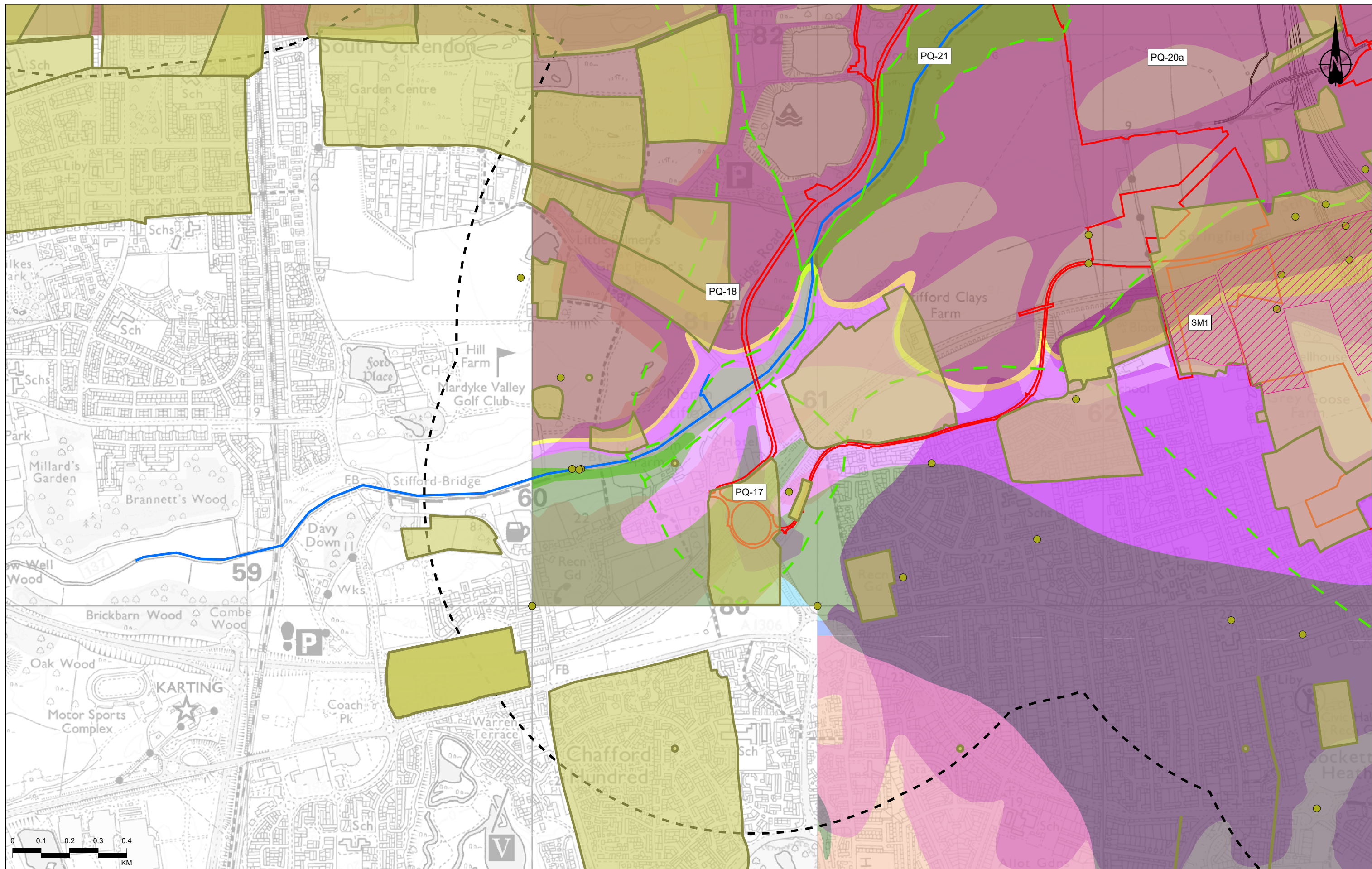
Legend		Superficial Deposits	
	Order Limits		Alluvium
	Route alignment		Black Park Gravel Member
	Cultural heritage study area		Boyn Hill Gravel Member
	Palaeolithic-Quaternary Zones		Head
	Main river		Ilford Silt Member
	Non-designated archaeology asset - point - Prehistoric to Medieval		Taplow Gravel Formation
	Non-designated archaeology asset - line - Prehistoric to Medieval		
	Non-designated archaeology asset - area - Prehistoric to Medieval		
	Scheduled Monument (SM)		
	Bedrock Geology		
		Lambeth Group	
		Seaford Chalk Formation	
		Thanet Formation	



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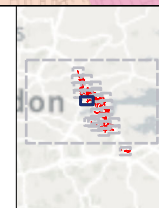
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Order Limits	Non-designated archaeology asset - line - Prehistoric to Medieval	London Clay Formation
Route alignment	Non-designated archaeology asset - area - Prehistoric to Medieval	Seaford Chalk Formation
Cultural heritage study area	Scheduled Monument (SM)	Thanet Formation
Palaeolithic-Quaternary Zones	Bedrock Geology	Superficial Deposits
Main river	Harwich Formation	Alluvium
Non-designated archaeology asset - point - Prehistoric to Medieval	Lambeth Group	Boyn Hill Gravel Member
	Lewes Nodular Chalk Formation	Head
		Lynch Hill Gravel Member

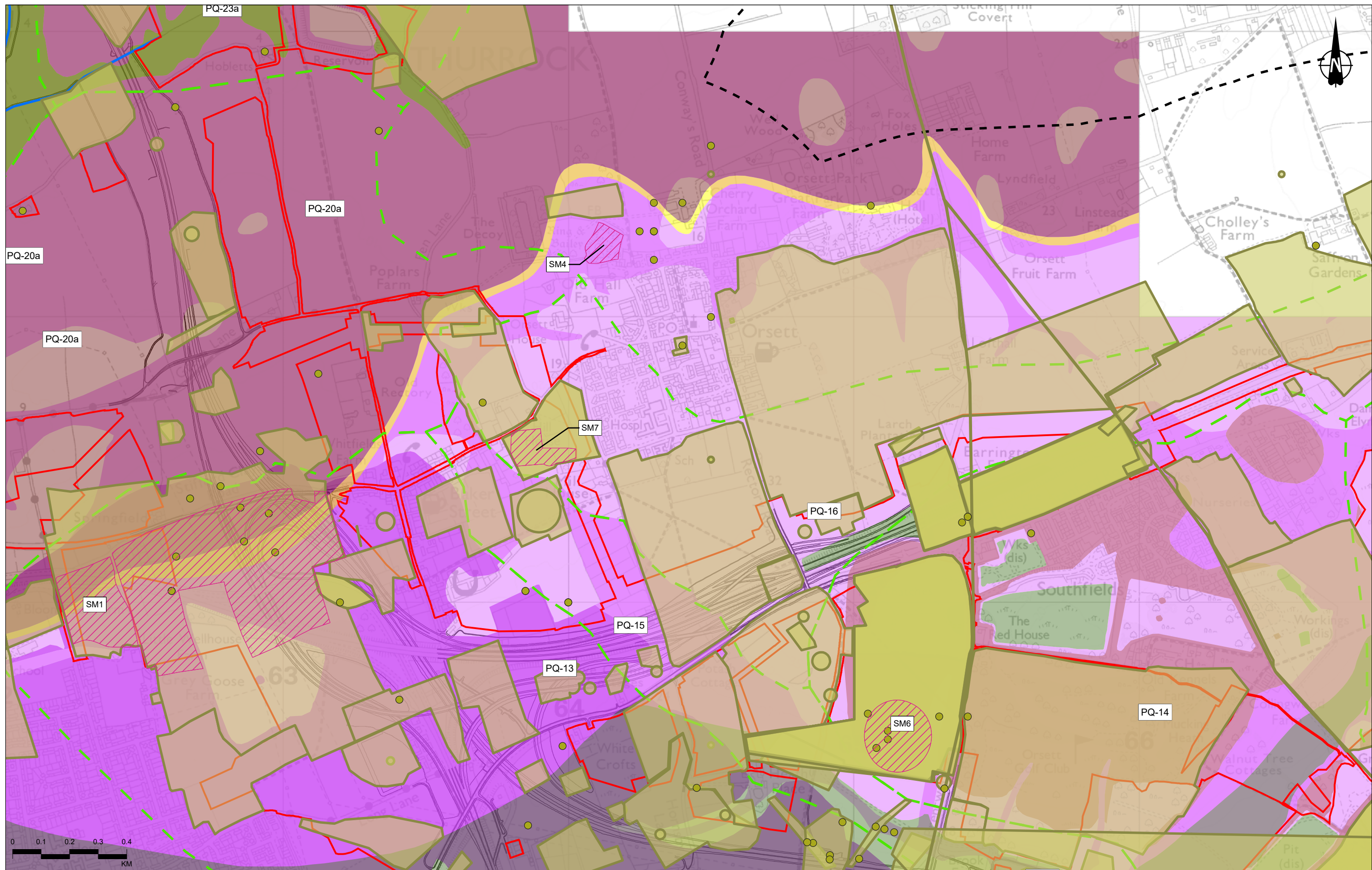


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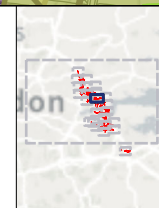
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Order Limits	Non-designated archaeology asset - line - Prehistoric to Medieval	London Clay Formation
Route alignment	Non-designated archaeology asset - area - Prehistoric to Medieval	Thanet Formation
Cultural heritage study area	Scheduled Monument (SM)	Superficial Deposits
Palaeolithic-Quaternary Zones	Bedrock Geology	Alluvium
Main river	Harwich Formation	Black Park Gravel Member
Non-designated archaeology asset - point - Prehistoric to Medieval	Lambeth Group	Boyn Hill Gravel Member
		Head

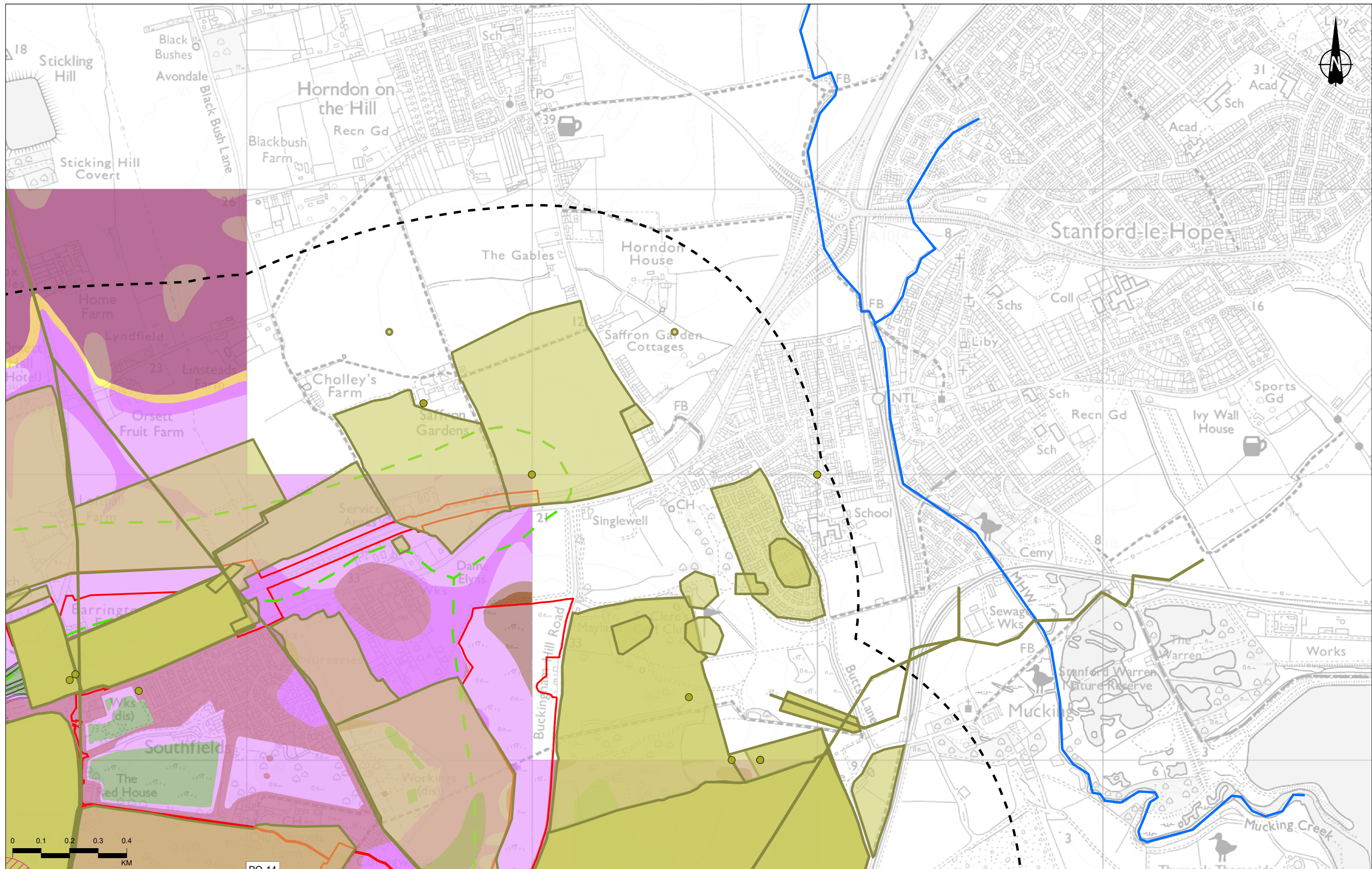


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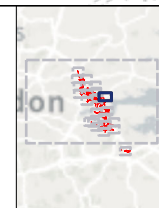
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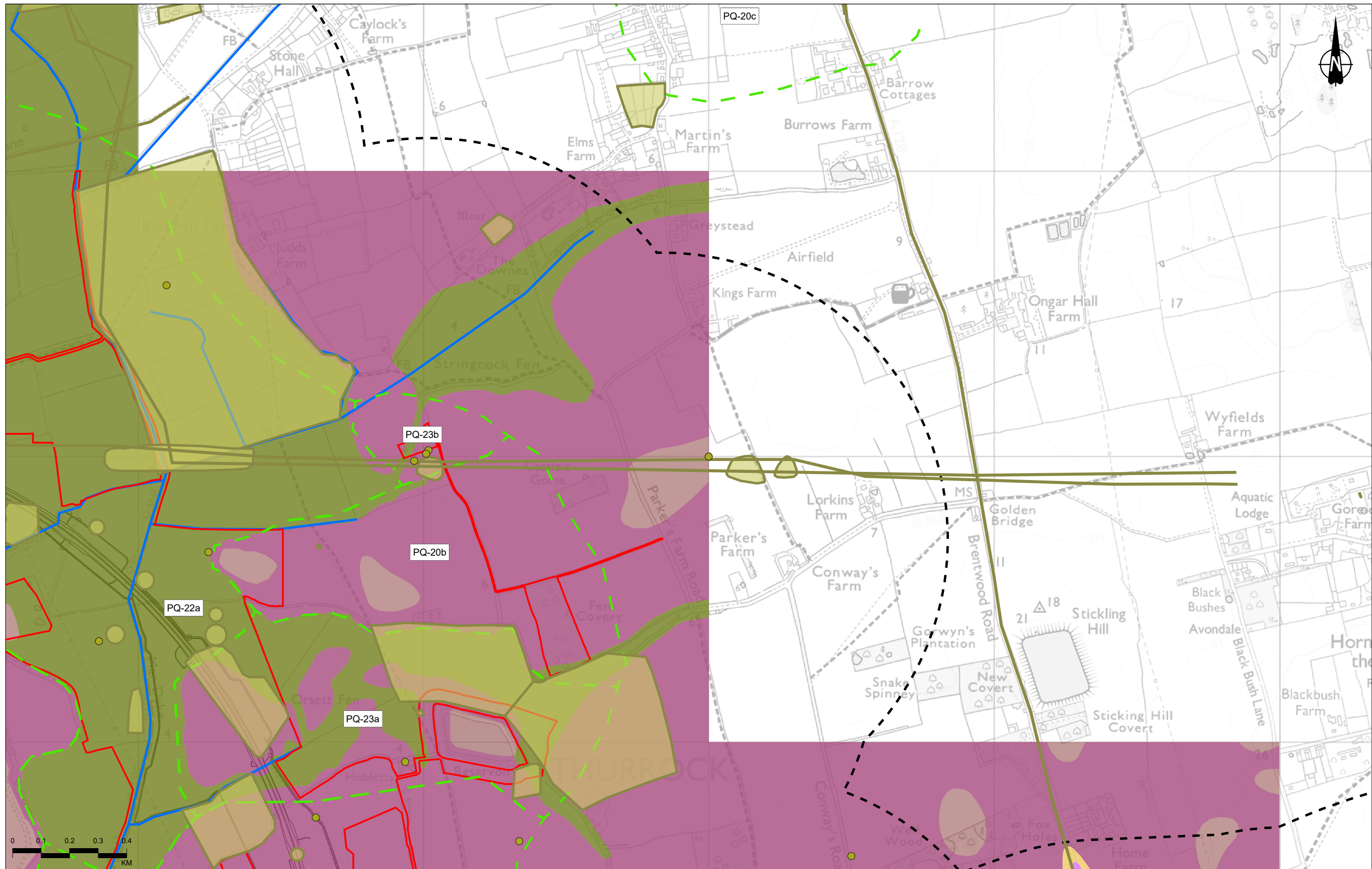
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	Order Limits
	Route alignment
	Cultural heritage study area
	Palaeolithic-Quaternary Zones
	Non-designated archaeology asset - point - Prehistoric to Medieval
	Non-designated archaeology asset - line - Prehistoric to Medieval
	Non-designated archaeology asset - area - Prehistoric to Medieval
	Scheduled Monument (SM)
	Main river
	Lambeth Group
	London Clay Formation
	Thanet Formation
Superficial Deposits	
	Black Park Gravel Member
	Head
	Taplow Gravel Formation
Bedrock Geology	
	Harwich Formation



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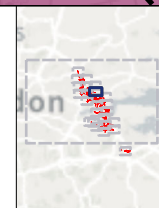



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Legend

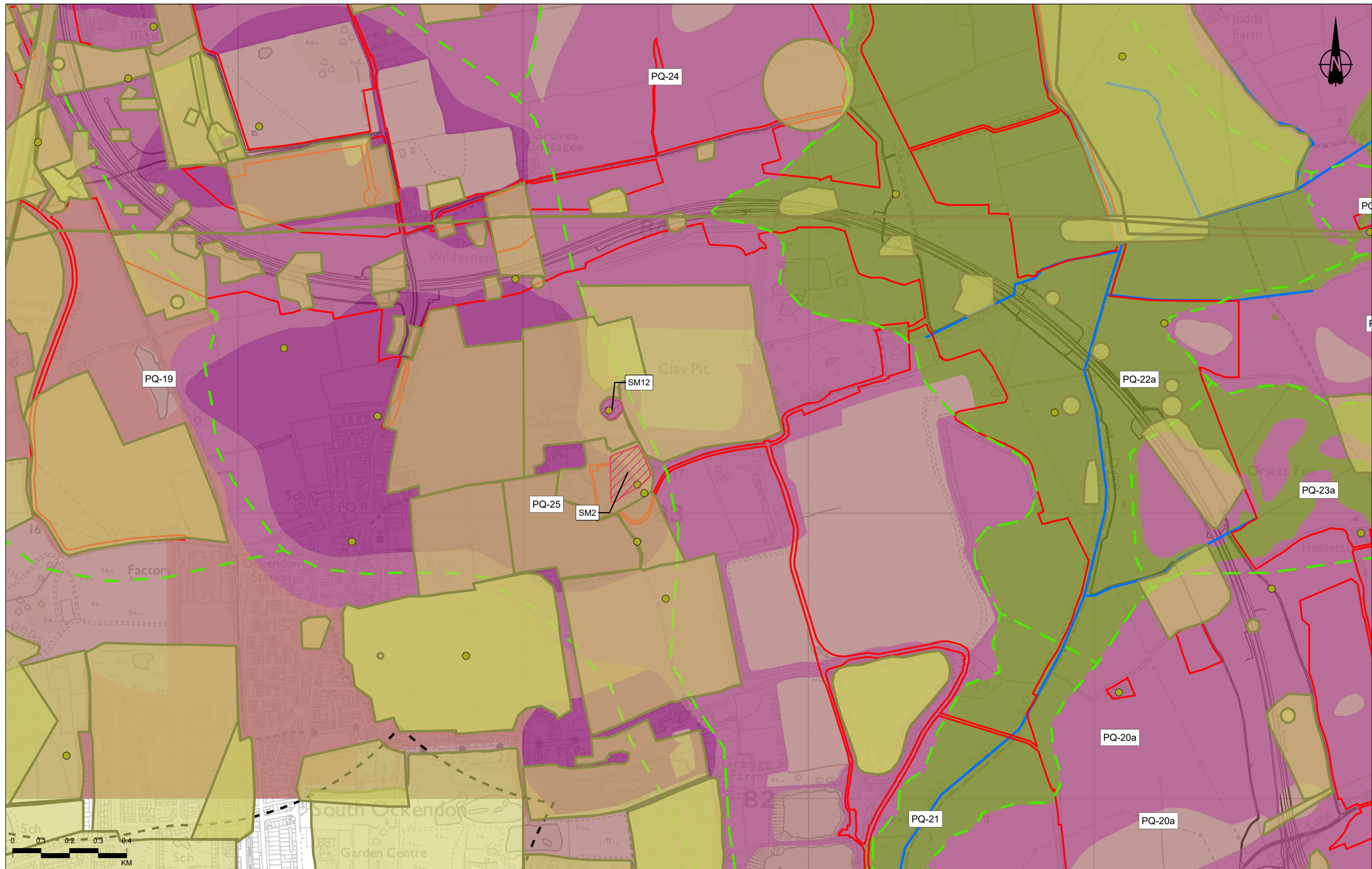
- Order Limits
- Route alignment
- Cultural heritage study area
- Palaeolithic-Quaternary Zones
- Main river
- Non-designated archaeology asset - point – Prehistoric to Medieval
- Non-designated archaeology asset - line – Prehistoric to Medieval
- Non-designated archaeology asset - area – Prehistoric to Medieval
- Bedrock Geology**
- Harwich Formation
- Lambeth Group
- London Clay Formation
- Superficial Deposits**
- Alluvium
- Head



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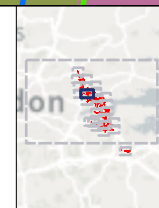


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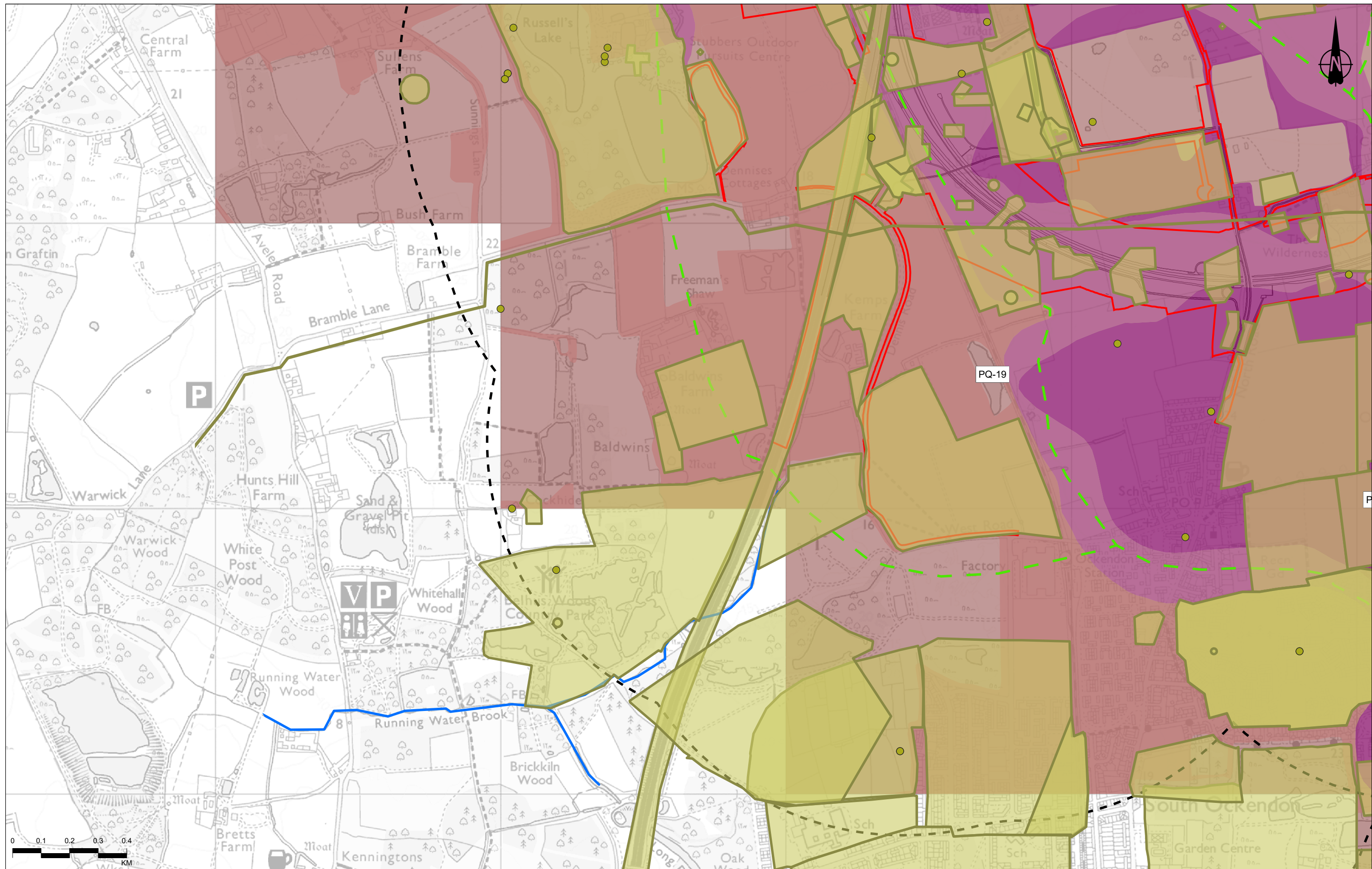
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- Order Limits
- Route alignment
- Cultural heritage study area
- Palaeolithic-Quaternary Zones
- Main river
- Non-designated archaeology asset - point - Prehistoric to Medieval
- Non-designated archaeology asset - line - Prehistoric to Medieval
- Non-designated archaeology asset - area - Prehistoric to Medieval
- Scheduled Monument (SM)
- Bedrock Geology
- London Clay Formation
- Superficial Deposits
- Alluvium
- Black Park Gravel Member
- Boyn Hill Gravel Member
- Head
- Lynch Hill Gravel Member



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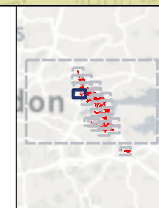


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Legend

- Order Limits
- Route alignment
- Cultural heritage study area
- Palaeolithic-Quaternary Zones
- Main river
- Non-designated archaeology asset - point – Prehistoric to Medieval
- Non-designated archaeology asset - line – Prehistoric to Medieval
- Non-designated archaeology asset - area – Prehistoric to Medieval
- Bedrock Geology
 - London Clay Formation
- Superficial Deposits
 - Black Park Gravel Member
 - Boyn Hill Gravel Member
 - Head
 - Lynch Hill Gravel Member

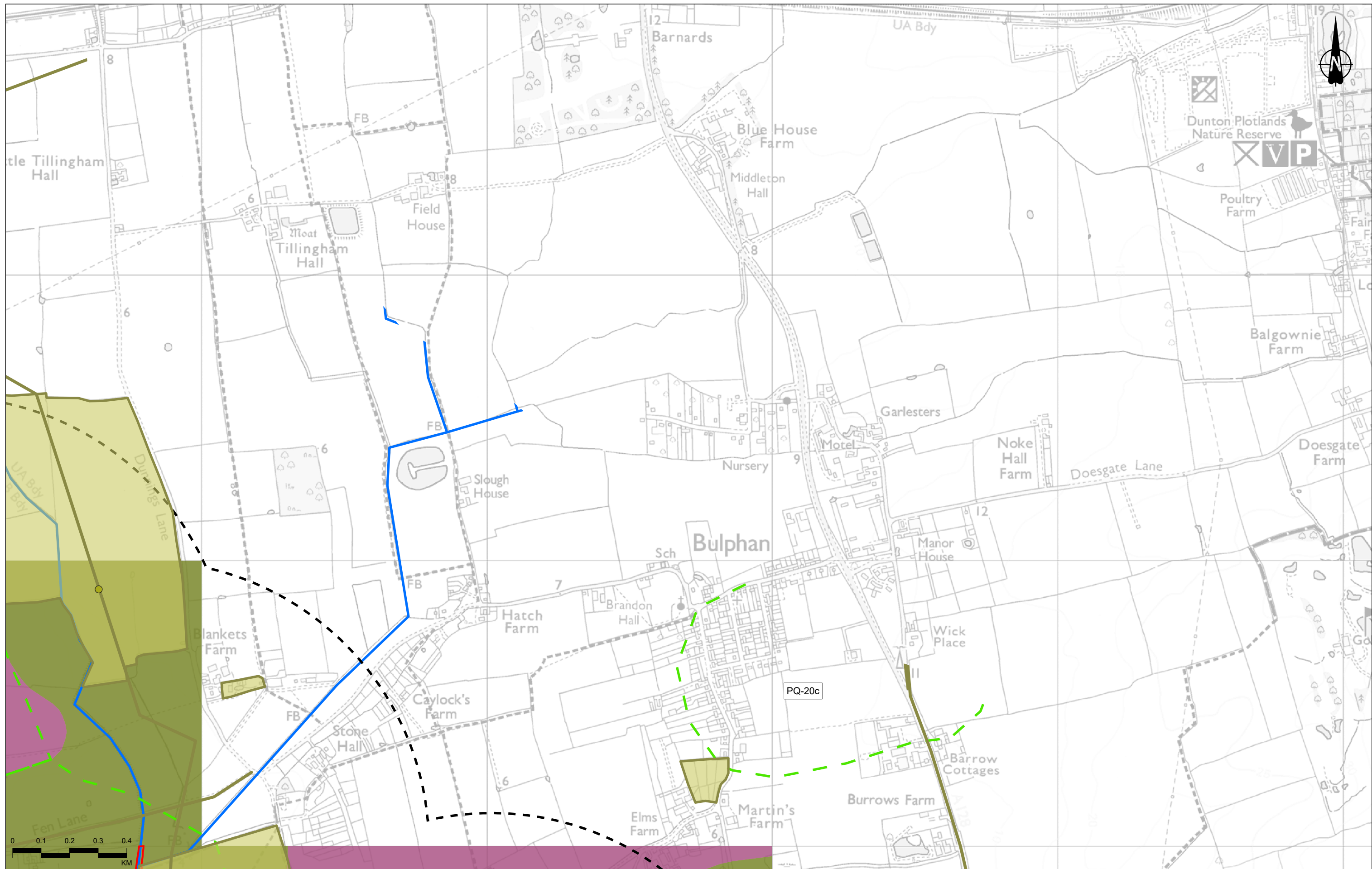


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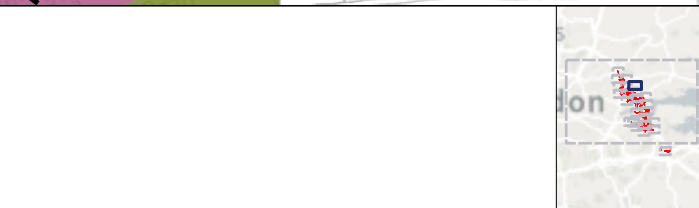


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- Legend**
- Order Limits
 - Cultural heritage study area
 - Palaeolithic-Quaternary Zones
 - Main river
 - Non-designated archaeology asset - point - Prehistoric to Medieval
 - Non-designated archaeology asset - line - Prehistoric to Medieval

- Bedrock Geology**
- London Clay Formation
- Superficial Deposits**
- Alluvium
 - Head

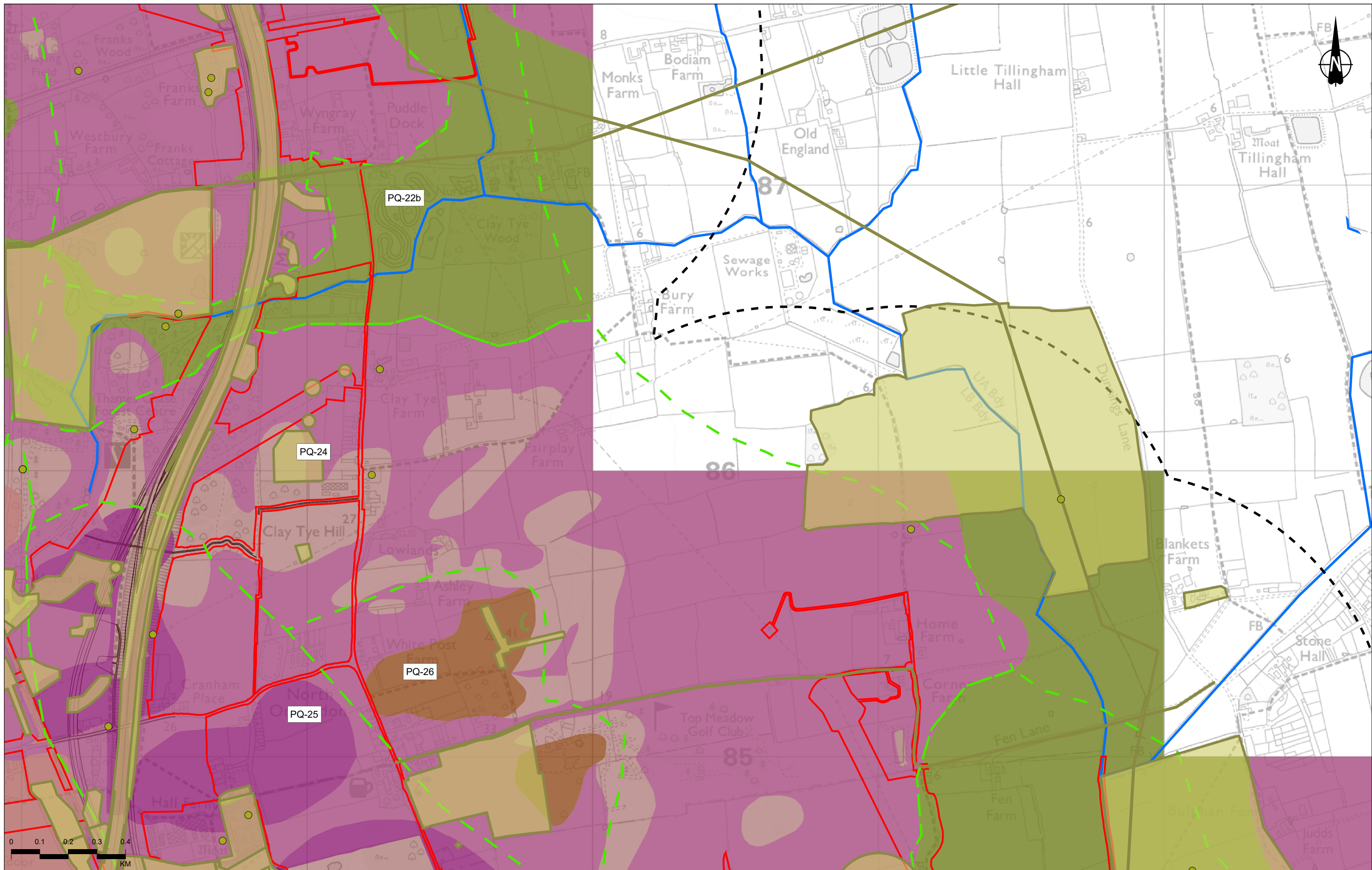


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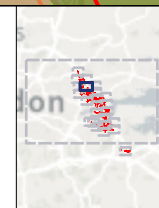
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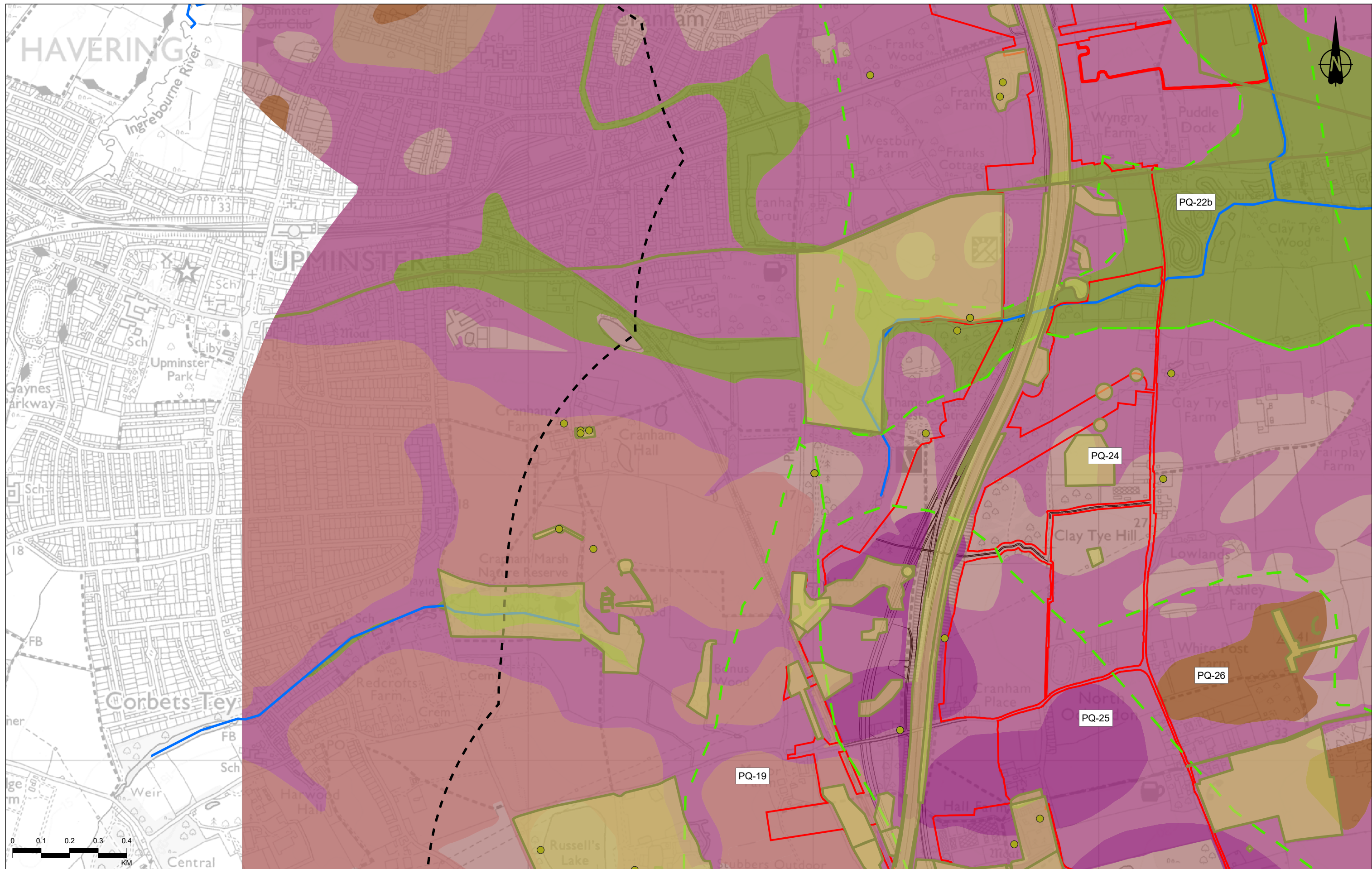
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	Route alignment		Non-designated archaeology asset - line – Prehistoric to Medieval
	Cultural heritage study area		Non-designated archaeology asset - area – Prehistoric to Medieval
	Palaeolithic-Quaternary Zones		Alluvium
	Main river		Black Park Gravel Member
			Boyn Hill Gravel Member
			Head
			Lynch Hill Gravel Member
			London Clay Formation



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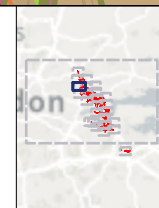
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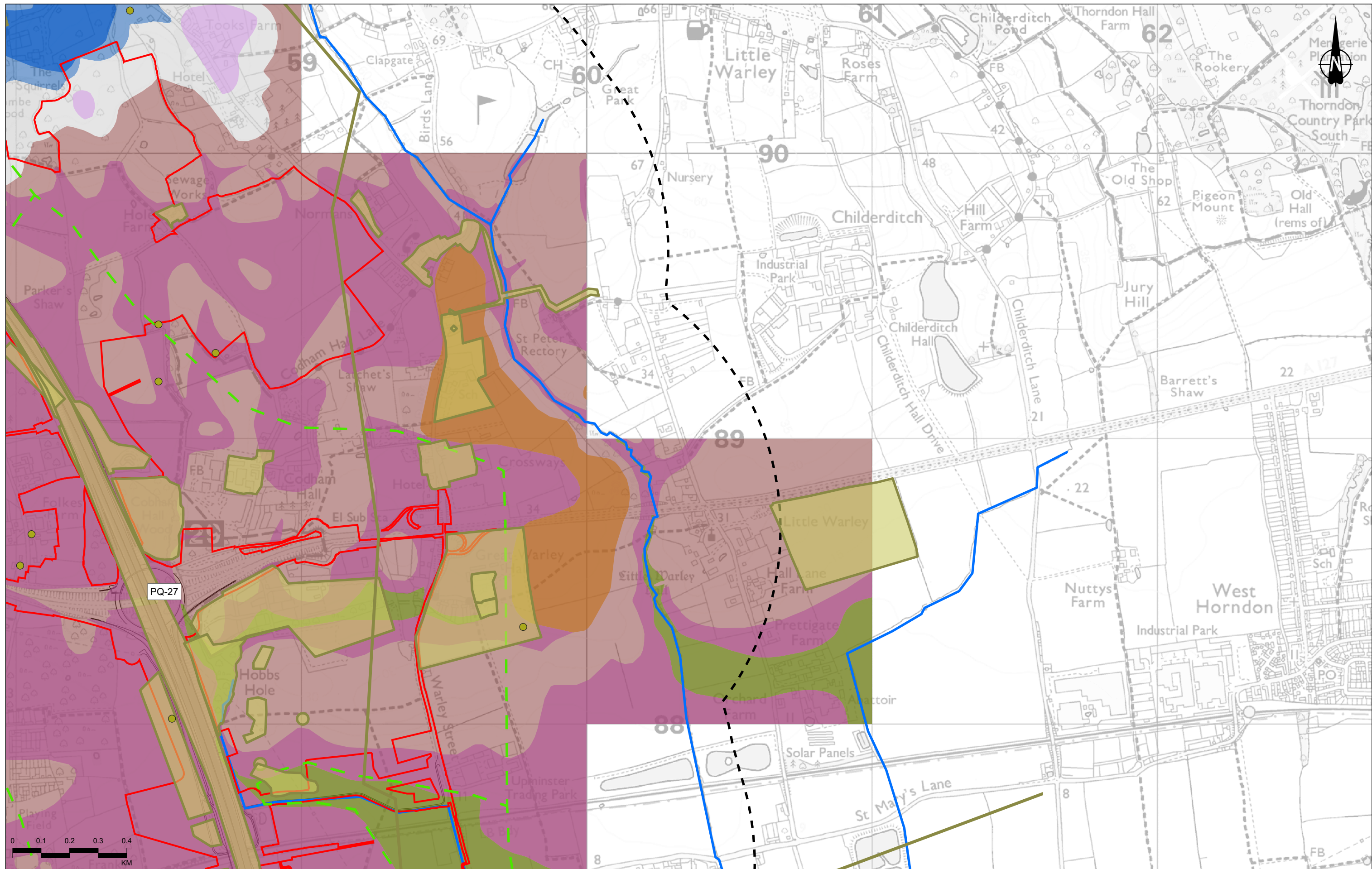
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	Route alignment		Non-designated archaeology asset - line – Prehistoric to Medieval
	Cultural heritage study area		Non-designated archaeology asset - area – Prehistoric to Medieval
	Palaeolithic-Quaternary Zones		Alluvium
	Main river		Black Park Gravel Member
			Boyn Hill Gravel Member
			Head
			Lowestoft Formation
			Lynch Hill Gravel Member
			Bedrock Geology
			London Clay Formation



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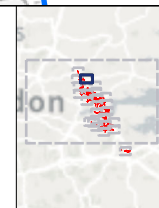
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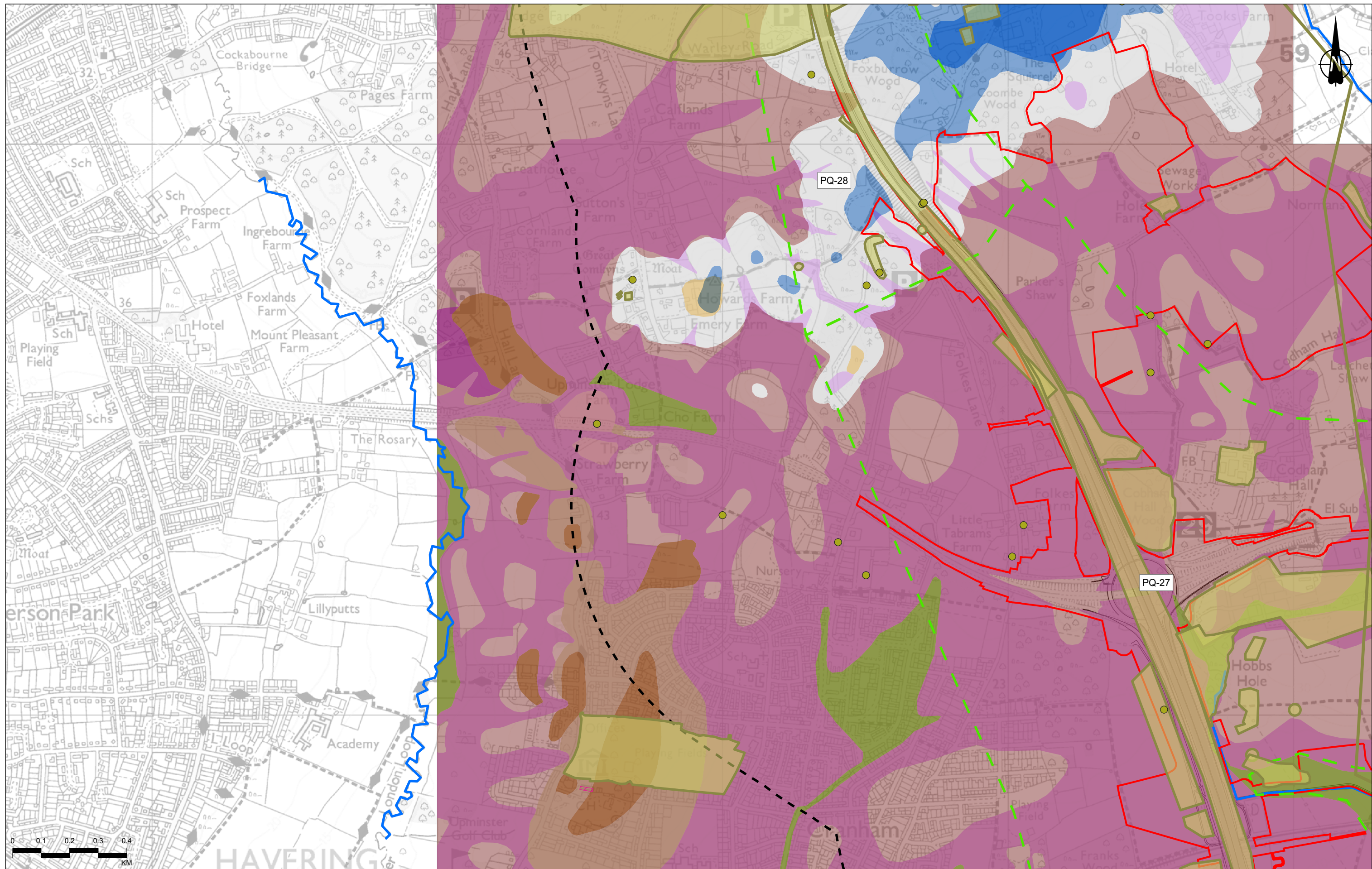
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Route alignment	Non-designated archaeology asset - line - Prehistoric to Medieval
Cultural heritage study area	Non-designated archaeology asset - area - Prehistoric to Medieval
Palaeolithic-Quaternary Zones	Bedrock Geology
Main river	Bagshot Formation
	Claygate Member
	Superficial Deposits
	Alluvium
	Glaciofluvial Deposits, Mid Pleistocene
	Head
	Stanmore Gravel Formation



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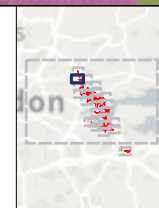
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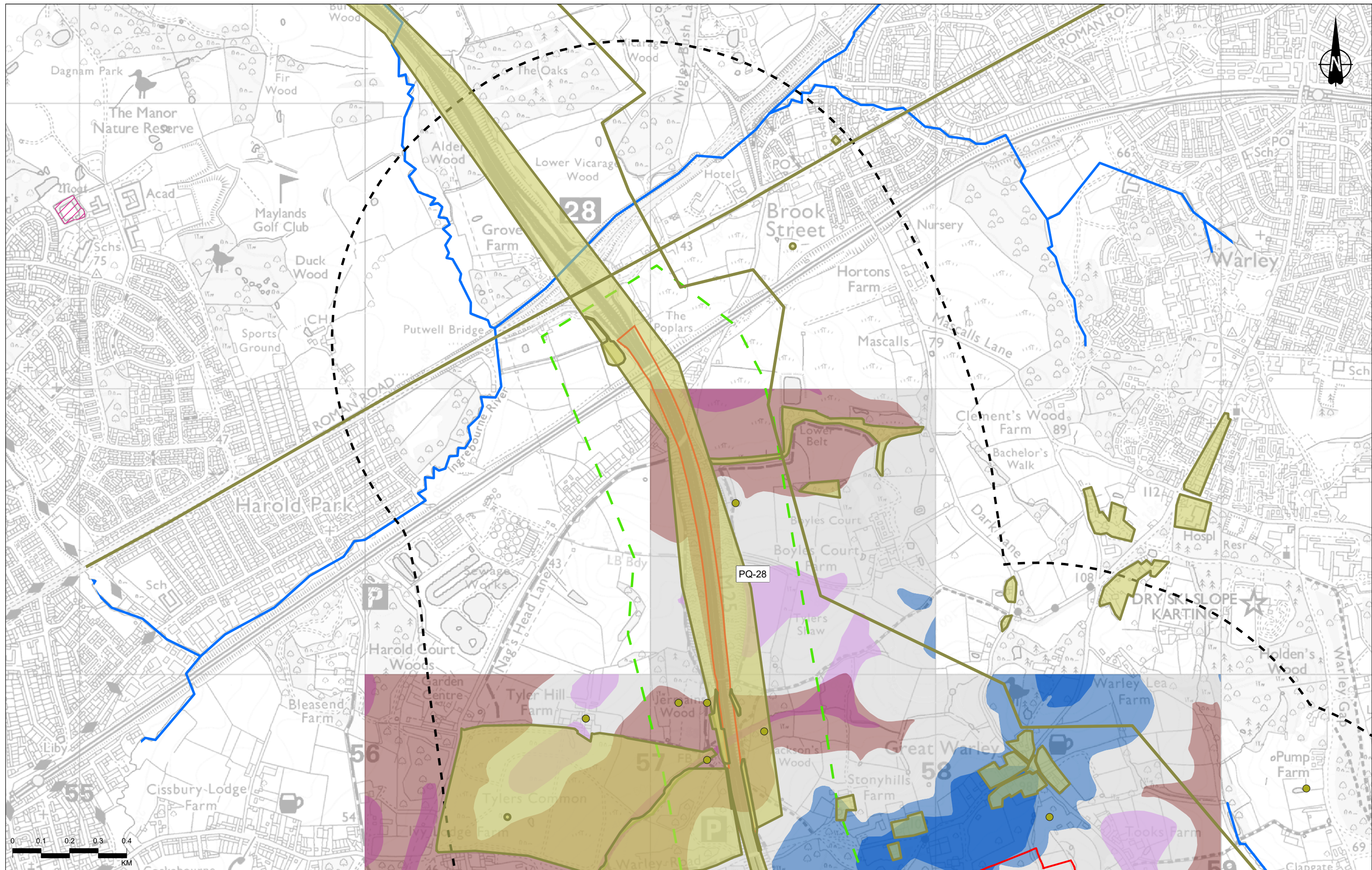
Order Limits	Route alignment	Non-designated archaeology asset - point - Prehistoric to Medieval	Non-designated archaeology asset - point - Prehistoric to Medieval
Cultural heritage study area	Palaeolithic-Quaternary Zones	Non-designated archaeology asset - line - Prehistoric to Medieval	Alluvium
Main river	Scheduled Monument (SM)	Bedrock Geology	Black Park Gravel Member
Non-designated archaeology asset - line - Prehistoric to Medieval	Bagshot Formation	Boyn Hill Gravel Member	Glaciofluvial Deposits, Mid Pleistocene
	Claygate Member	Glaciolacustrine Deposits, Mid Pleistocene	Head
	London Clay Formation	Lowestoft Formation	Stanmore Gravel Formation
	Alluvium		



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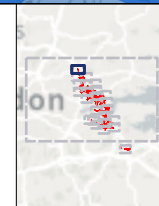
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Order Limits	Non-designated archaeology asset - point – Prehistoric to Medieval	Claygate Member
Route alignment	Non-designated archaeology asset - line – Prehistoric to Medieval	London Clay Formation
Cultural heritage study area	Non-designated archaeology asset - area – Prehistoric to Medieval	Superficial Deposits
Palaeolithic-Quaternary Zones	Scheduled Monument (SM)	Head
Main river	Bedrock Geology	Stanmore Gravel Formation
	Bagshot Formation	



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