

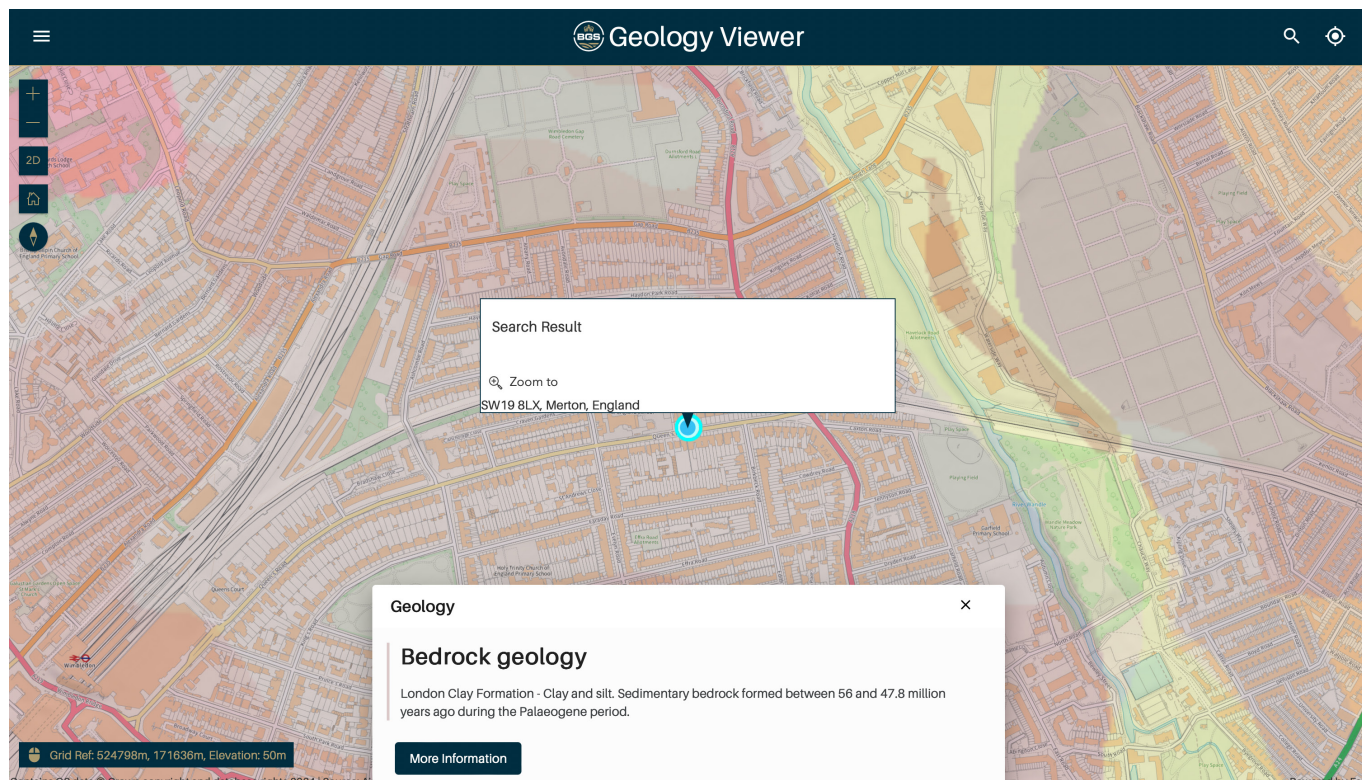
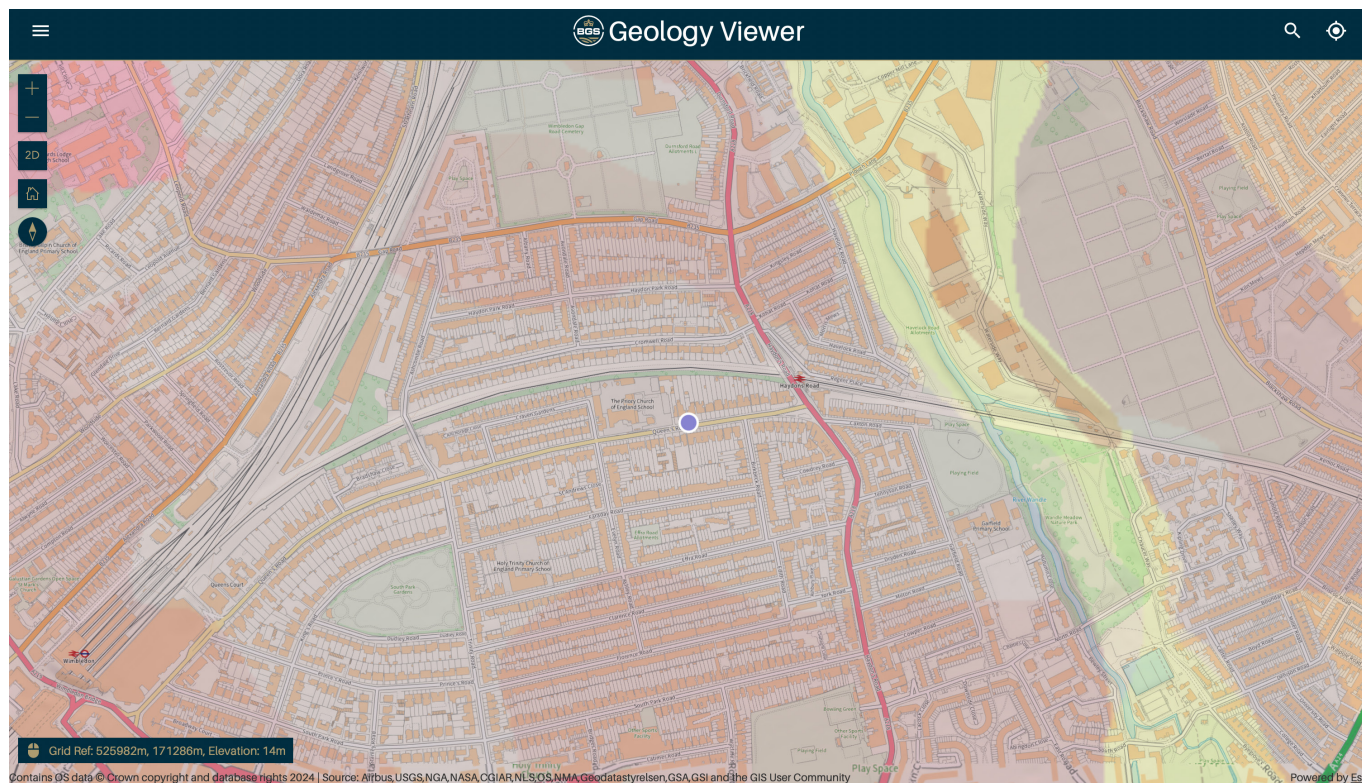




# Appendix B – Surface Geology

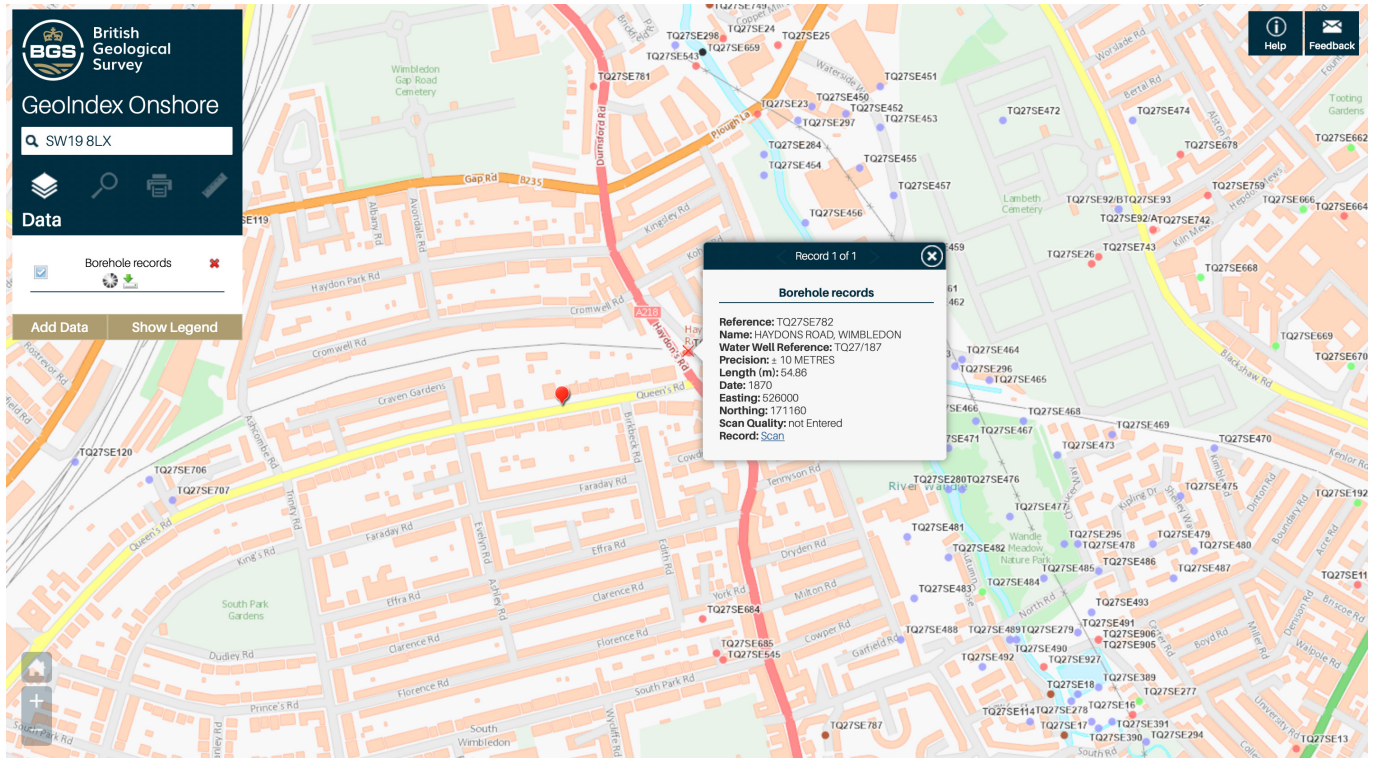
Maps from the British Geological Geology of Britain Viewer

[https://geologyviewer.bgs.ac.uk/?\\_ga=2.172331043.1610817789.1706188189-240048135.1706188189](https://geologyviewer.bgs.ac.uk/?_ga=2.172331043.1610817789.1706188189-240048135.1706188189)



# Appendix C – Local Boreholes








The closest borehole within the same superficial deposit zone shown on the British Geological Survey BH Reference: 734-793 : BGS Reference: TQ27SE782 British National Grid (27700) : 526000,171160.



Local Borehole Scan and Plan Location on the BGS viewer









On 29th November 2022 the Client appointed ALBURY S.I. LTD to undertake further site investigations, see the following extracts:

12498-SI-REPORT-Queens-Road-Wimbledon-05-01-2023

 <b>ALBURY S.I. LTD</b> Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		<b>BOREHOLE</b>	<b>1</b>			
<b>Contract</b>	Queens Road, Wimbledon		<b>Report Ref</b>	22/12498/KJC		
<b>Client</b>	Sanford Developments (Wimbledon) Ltd		<b>Date</b>	29/11/2022		
<b>Site Address</b>	152-154 Queens Road, Wimbledon, Greater London SW19 8LX		<b>Ground Level</b>			
<b>Type of excavator</b>	Window Sampler	<b>Water level after completion, m</b>	dry			
<b>Water strikes, m</b>	<b>Dimensions, m</b>		<b>Ease of excavation, m</b>			
1	none	Diameter 0.06	Very easy	Difficult		
2			Moderate GL-3.10	Very hard		
<b>Remarks</b> No visual or olfactory evidence of contamination noted.						
Samples or tests		Shear Strength kPa	PID TVOC ppm	Depth m	Legend	Strata Description
Type	Depth, m					
D	0.20		0.6	0.15		MADE GROUND (concrete)
D	0.50					0.4
D	1.00	70	0	0.90		Firm orange-brown/brown silty CLAY
D	1.50	100		1.30		Stiff brown silty CLAY with grey veining
D	2.00	120				
D	2.50					
D	3.00			3.10		END OF BOREHOLE

















Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

Extract from 12498-SI-REPORT-Queens-Road-Wimbledon-05-01-2023

 <b>ALBURY S.I. LTD</b> Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		<b>BOREHOLE</b>	2			
<b>Contract</b>	Queens Road, Wimbledon		<b>Report Ref</b>	22/12498/KJC		
<b>Client</b>	Sanford Developments (Wimbledon) Ltd		<b>Date</b>	29/11/2022		
<b>Site Address</b>	152-154 Queens Road, Wimbledon, Greater London SW19 8LX		<b>Ground Level</b>			
<b>Type of excavator</b>	Window Sampler	<b>Water level after completion, m</b>	3.00			
<b>Water strikes, m</b>	<b>Dimensions, m</b>		<b>Ease of excavation, m</b>			
1	3.00	Diameter 0.06	Very easy	Difficult		
2			Moderate	Very hard		
<b>Remarks</b> No visual or olfactory evidence of contamination noted.						
Samples or tests		Shear Strength kPa	PID TVOC ppm	Depth m	Legend	Strata Description
Type	Depth, m					
D	0.25		0.1	0.20		MADE GROUND (reinforced concrete)
D	0.50		0.1			MADE GROUND (dark grey clayey SAND with gravel and brick fragments)
D	1.00	85	0.4	0.80		Stiff orange-brown/brown silty CLAY
D	1.50	155		1.40		Very stiff brown silty CLAY
D	2.00	180				
D	2.50			2.40		Brown silty CLAY with grey veining
D	3.00			3.10		Calcareous nodule @2m
						END OF BOREHOLE










Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

Extract from 12498-SI-REPORT-Queens-Road-Wimbledon-05-01-2023

 <b>ALBURY S.I. LTD</b> Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		<b>BOREHOLE</b>	<b>3</b>			
<b>Contract</b>	Queens Road, Wimbledon		<b>Report Ref</b>	22/12498/KJC		
<b>Client</b>	Sanford Developments (Wimbledon) Ltd		<b>Date</b>	29/11/2022		
<b>Site Address</b>	152-154 Queens Road, Wimbledon, Greater London SW19 8LX		<b>Ground Level</b>			
<b>Type of excavator</b>	Window Sampler	<b>Water level after completion, m</b>	2.60			
<b>Water strikes, m</b>	<b>Dimensions, m</b>		<b>Ease of excavation, m</b>			
1	3.00	Diameter 0.06	Very easy	Difficult GL-4.10		
2			Moderate	Very hard		
<b>Remarks</b> No visual or olfactory evidence of contamination noted.						
Samples or tests		Shear Strength kPa	PID TVOC ppm	Depth m	Legend	Strata Description
Type	Depth, m					
D	0.20	85	0	0.10		MADE GROUND (macadam)
D	0.30			0.30		MADE GROUND (grey SAND with gravel and brick fragments)
D	0.50			0.50		MADE GROUND (grey clayey SAND AND GRAVEL with brick and ash fragments)
				0.80		MADE GROUND (dark grey/brown silty CLAY)
D	1.00	160	0			Stiff grey organic silty CLAY; oxidises to a brown colouration on exposure
						
D	1.50	185	0	1.50		Very stiff brown silty CLAY
						
D	2.00	185	0	2.30		Brown silty CLAY with grey veining
						
D	3.00	185	0			
						
D	3.50	185	0			
						
D	4.00	185	0	4.10		END OF BOREHOLE
W	(2.60)					

Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample













Extract from 12498-SI-REPORT-Queens-Road-Wimbledon-05-01-2023

 <b>ALBURY S.I. LTD</b> Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		<b>BOREHOLE</b>	<b>4</b>			
<b>Contract</b>	Queens Road, Wimbledon		<b>Report Ref</b>	22/12498/KJC		
<b>Client</b>	Sanford Developments (Wimbledon) Ltd		<b>Date</b>	29/11/2022		
<b>Site Address</b>	152-154 Queens Road, Wimbledon, Greater London SW19 8LX		<b>Ground Level</b>			
<b>Type of excavator</b>	Window Sampler	<b>Water level after completion, m</b>	2.80			
<b>Water strikes, m</b>	<b>Dimensions, m</b>		<b>Ease of excavation, m</b>			
1	2.60	Diameter 0.06	Very easy	Difficult		
2			Moderate	Very hard		
<b>Remarks</b> No visual or olfactory evidence of contamination noted.						
Samples or tests		Shear Strength kPa	PID TVOC ppm	Depth m	Legend	Strata Description
Type	Depth, m					
D	0.25		0.1	0.20		MADE GROUND (concrete)
D	0.50		0	0.60		MADE GROUND (dark brown/grey sandy CLAY with gravel and brick fragments)
D	0.70		0			Orange-brown silty CLAY
D	1.00	75	0	1.00		Stiff to very stiff brown silty CLAY
D	1.50	180				
D	2.00	205				
D	2.50					
D	3.00			3.10		END OF BOREHOLE

Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

Extract from 12498-SI-REPORT-Queens-Road-Wimbledon-05-01-2023



 <b>ALBURY S.I. LTD</b> Miltons Yard, Petworth Road, Witley, Surrey GU8 5LH		<b>BOREHOLE</b>	5			
<b>Contract</b>	Queens Road, Wimbledon		<b>Report Ref</b>	22/12498/KJC		
<b>Client</b>	Sanford Developments (Wimbledon) Ltd		<b>Date</b>	29/11/2022		
<b>Site Address</b>	152-154 Queens Road, Wimbledon, Greater London SW19 8LX		<b>Ground Level</b>			
<b>Type of excavator</b>	Window Sampler	<b>Water level after completion, m</b>	3.50			
<b>Water strikes, m</b>	<b>Dimensions, m</b>		<b>Ease of excavation, m</b>			
1	3.00	Diameter 0.06	Very easy	Difficult 1.00-1.40		
2			Moderate GL-1.00, 1.40-4.10	Very hard		
<b>Remarks</b> No visual or olfactory evidence of contamination noted.						
Samples or tests		Shear Strength kPa	PID TVOC ppm	Depth m	Legend	Strata Description
Type	Depth, m					
D	0.20		0.1	0.15		MADE GROUND (concrete)
D	0.30		0.2	0.25		MADE GROUND (light brown silty SAND with gravel and roots)
D	0.50		0.2	0.60		MADE GROUND (dark brown clayey SAND with gravel and brick; becoming dark brown silty CLAY)
D	0.75		0.1			Stiff to very stiff brown silty CLAY
D	1.00	150	0.1			
D	1.50	170				
D	2.00	190		2.20		
D	2.50					Brown silty CLAY with grey veining
D	3.00					
D	3.50					
D	4.00			4.10		END OF BOREHOLE

Sample Code: B - Large Disturbed D - Small Disturbed W - Water Sample R - Root Sample T - Tube Sample

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