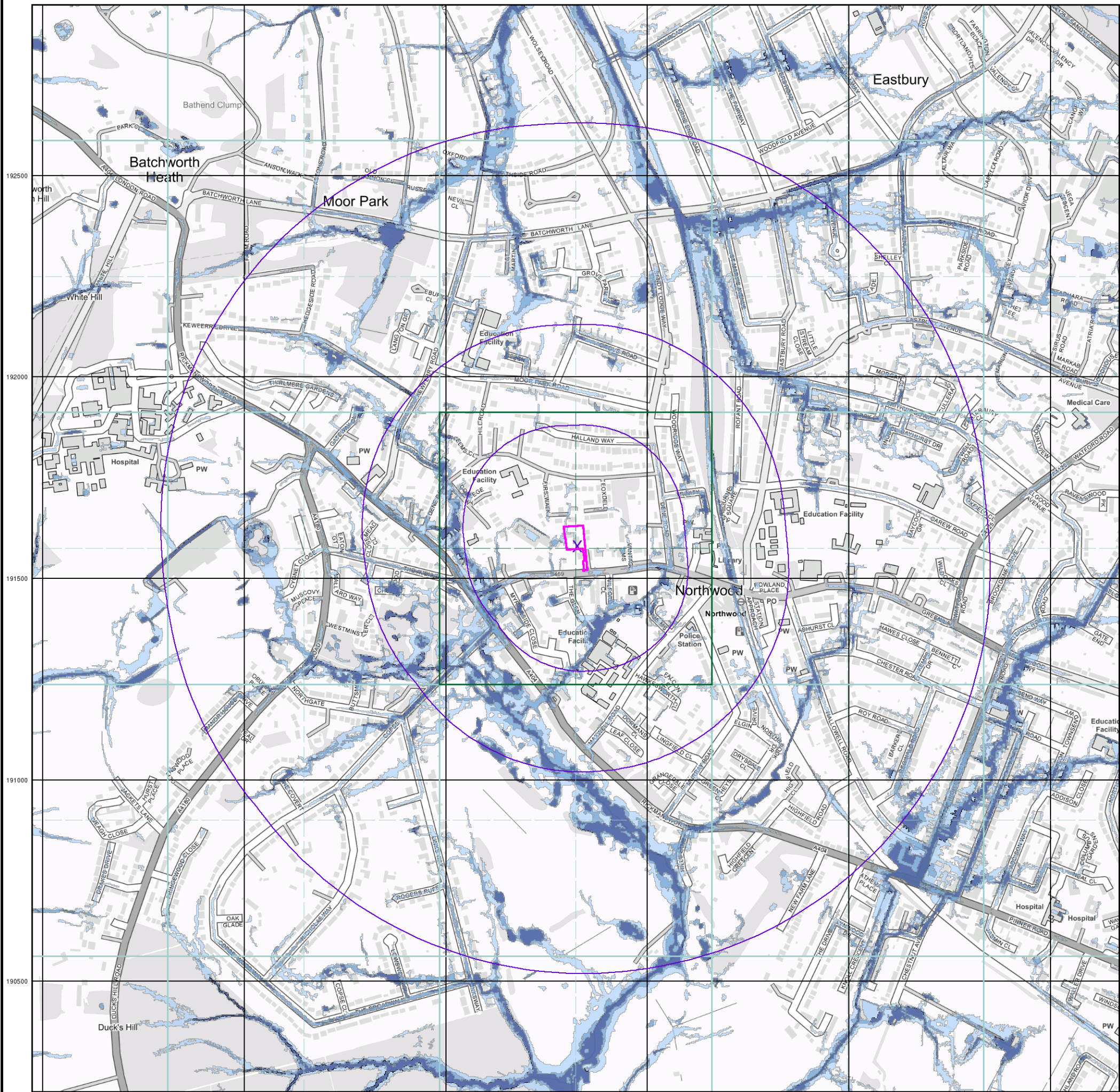


507500 508000 508500 509000 509500 510000



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General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Risk of Flooding from Surface Water

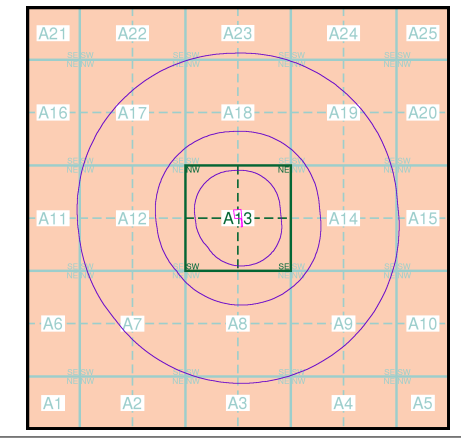
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A



Order Details

Order Number: 204084438_1_1
Customer Ref: RML 6980
National Grid Reference: 508830, 191580
Slice: A
Site Area (Ha): 0.31
Search Buffer (m): 1000

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW

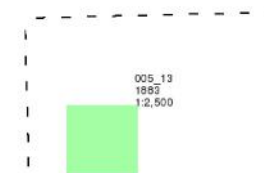
Middlesex

Published 1883

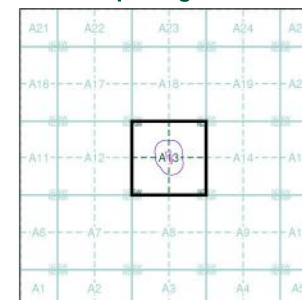
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

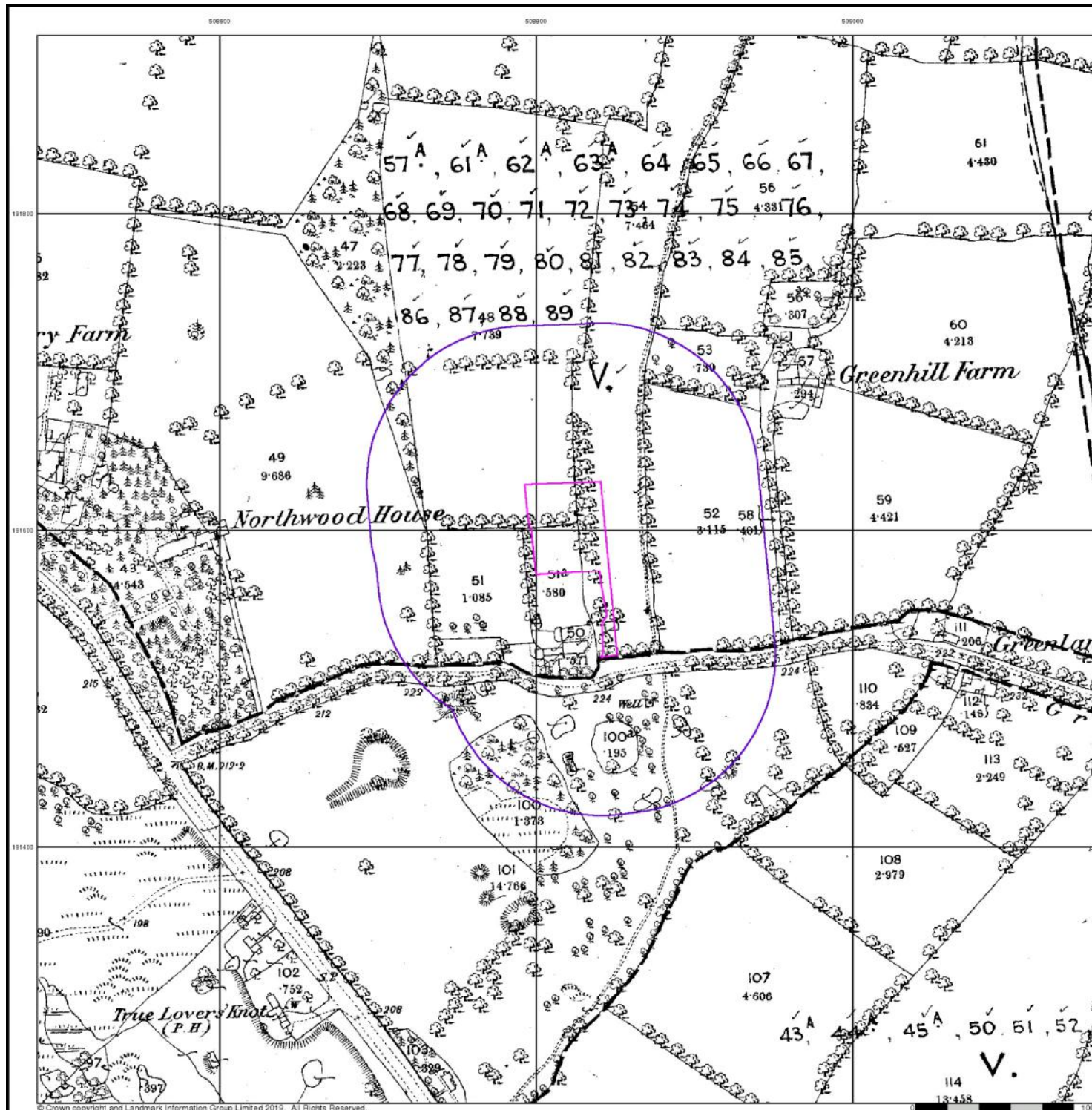


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



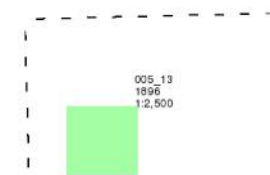
Middlesex

Published 1896

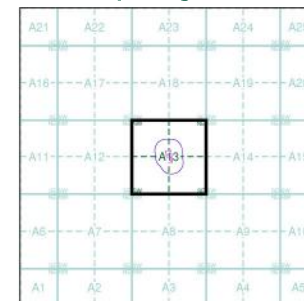
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

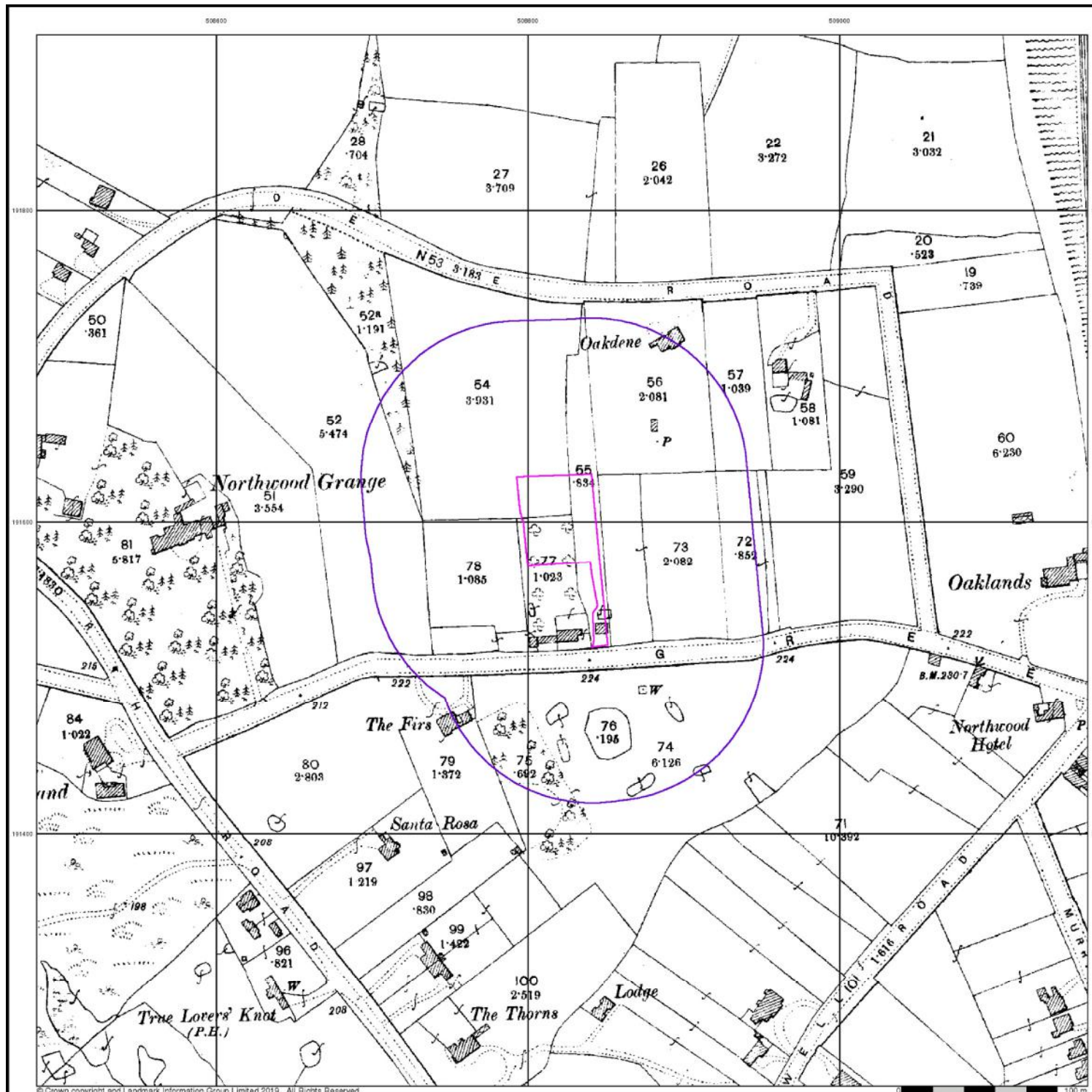


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



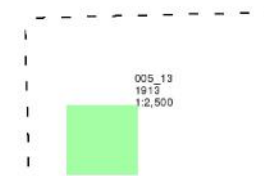
Middlesex

Published 1913

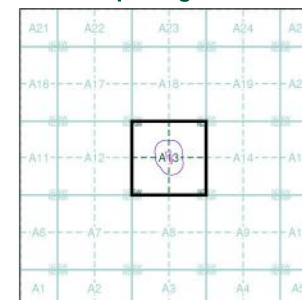
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

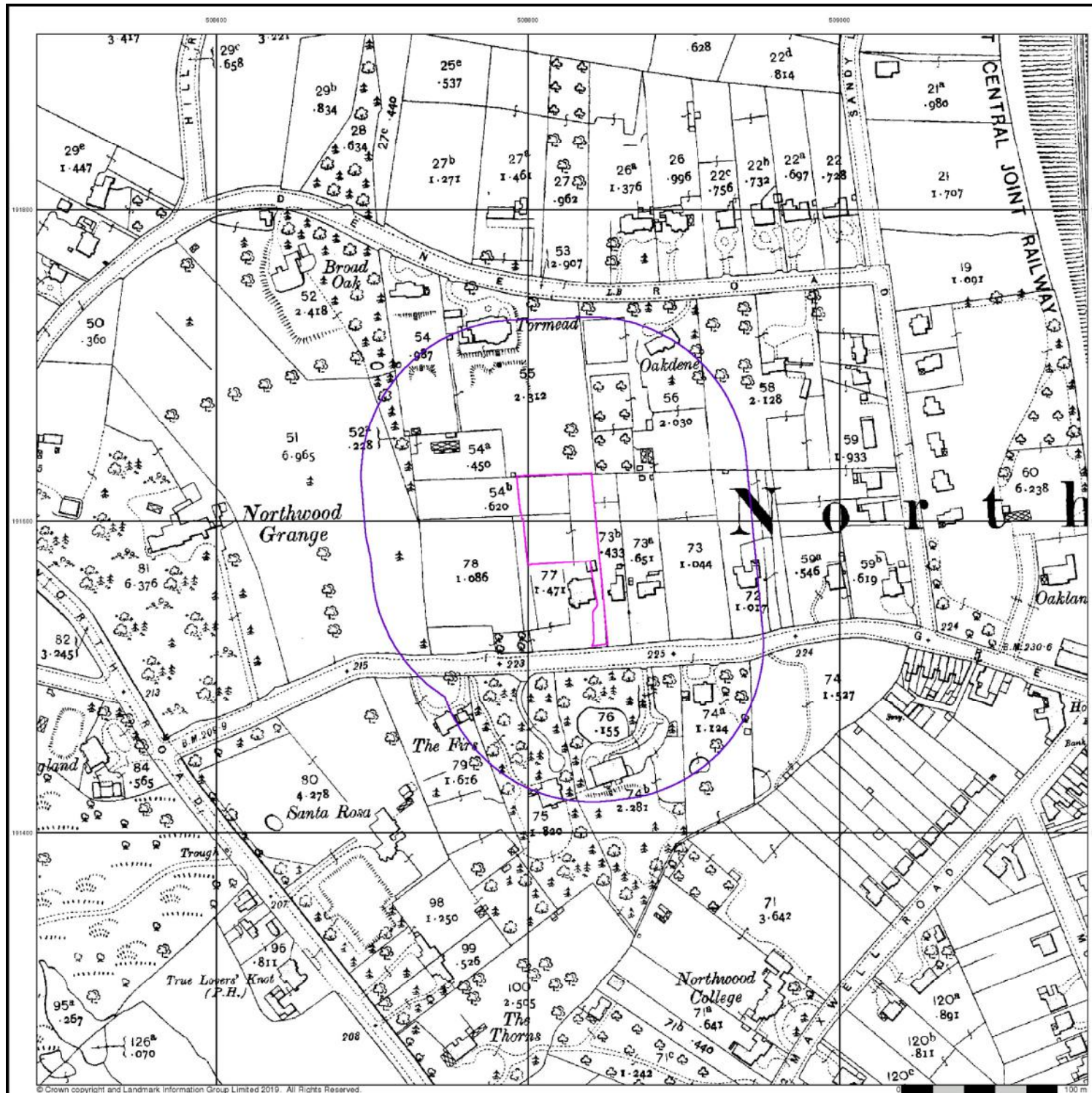


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



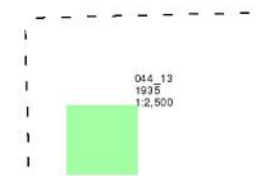
Hertfordshire

Published 1935

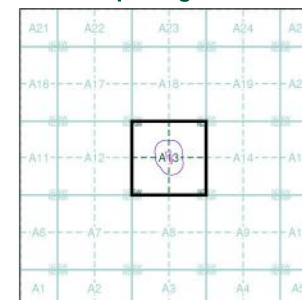
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

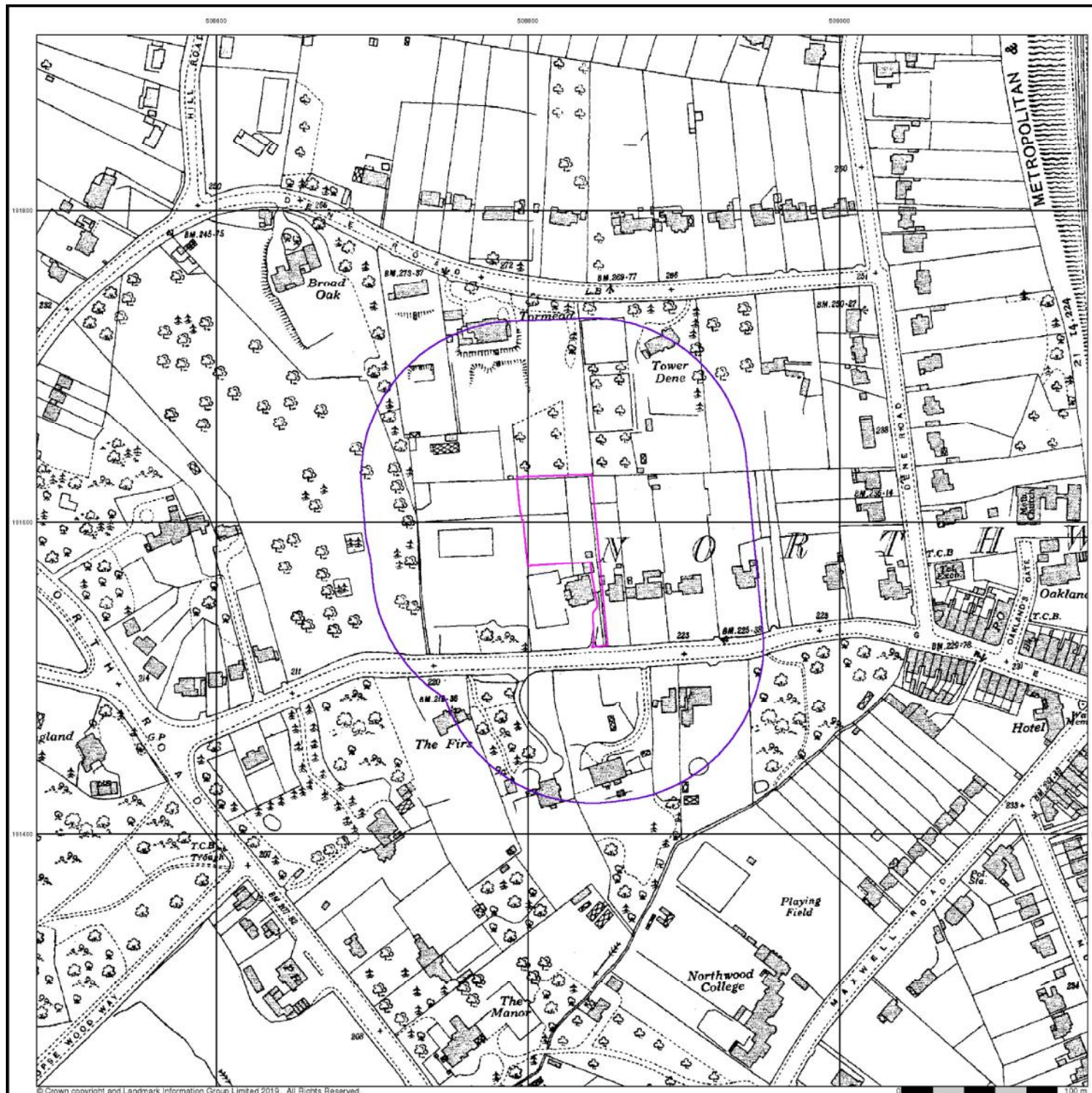


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



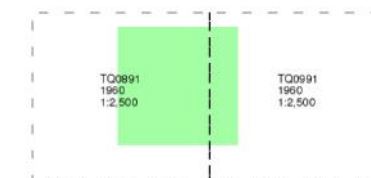
Ordnance Survey Plan

Published 1960

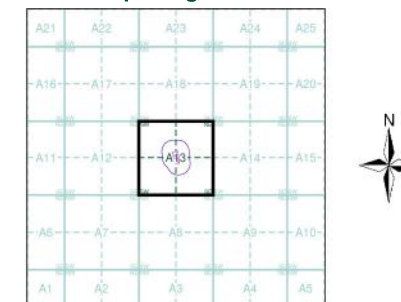
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

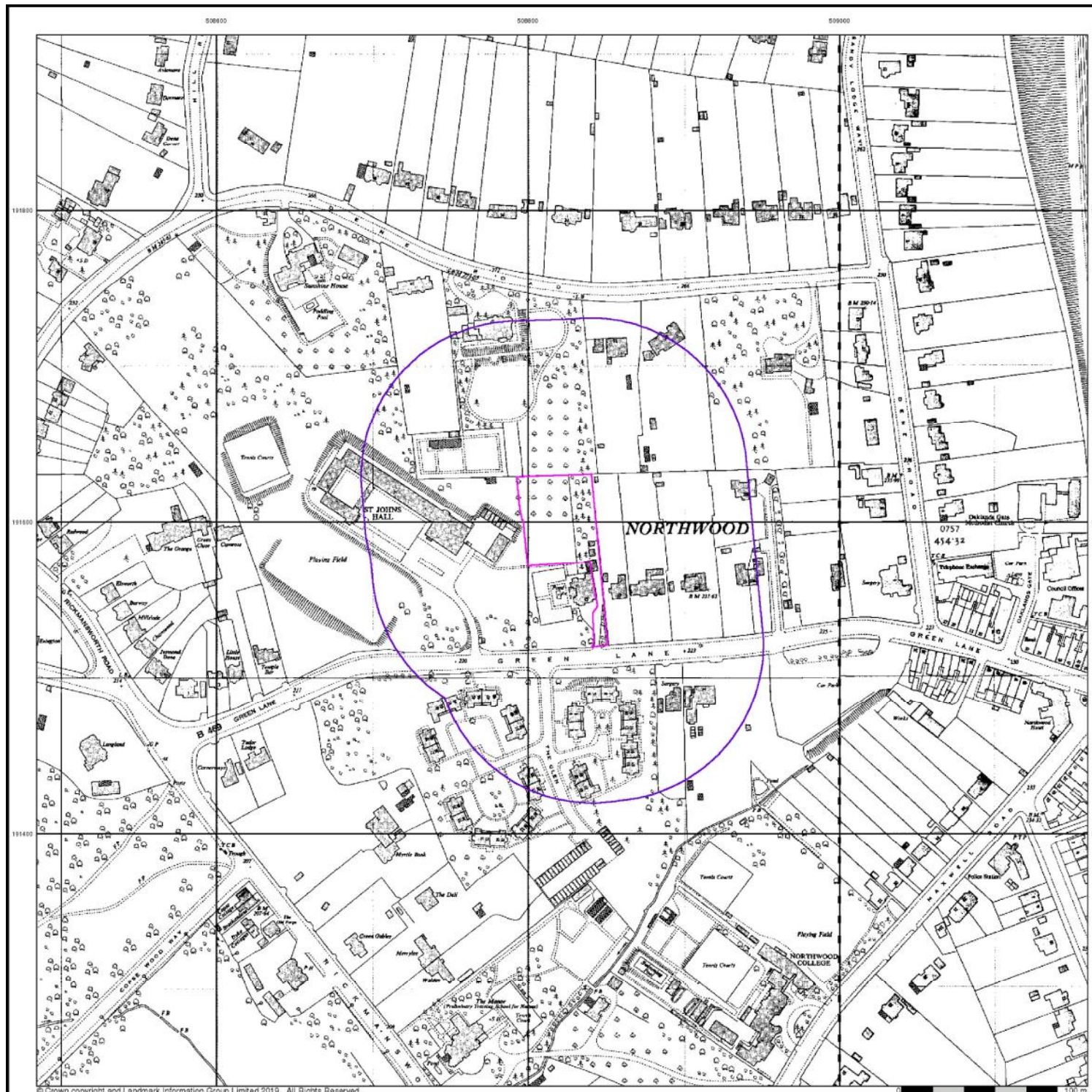


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



Ordnance Survey Plan

Published 1970 - 1976

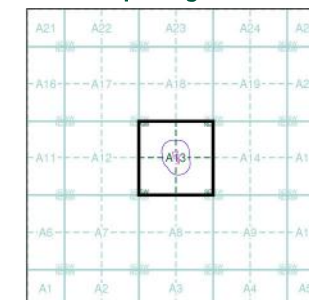
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

TQ0891NW 1976 1:1,250	TQ0891NE 1970 1:1,250	TQ0991NW 1973 1:1,250
TQ0891SW 1974 1:1,250	TQ0891SE 1970 1:1,250	TQ0991SW 1970 1:1,250

Historical Map - Segment A13

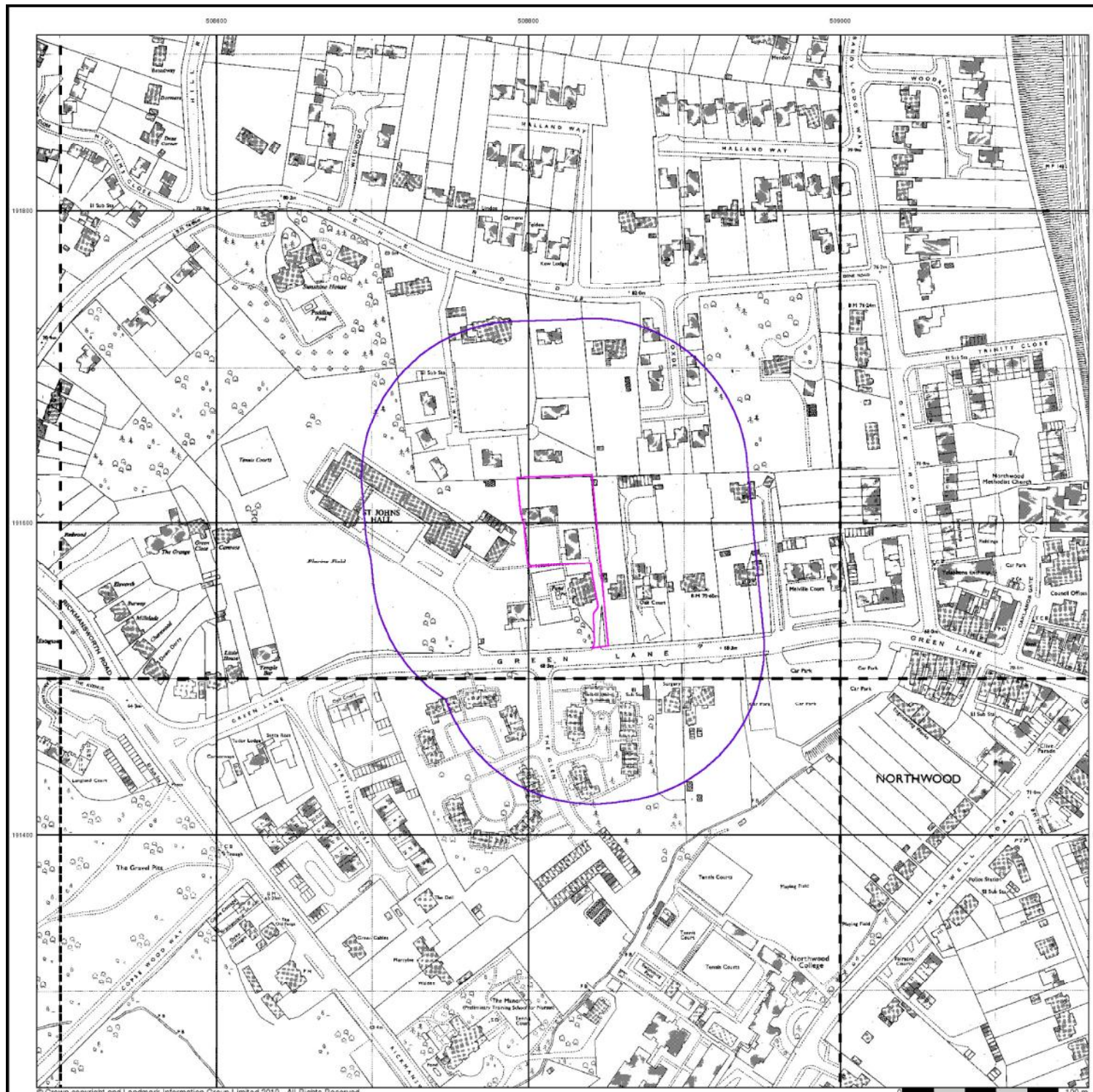


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



Large-Scale National Grid Data

Published 1992

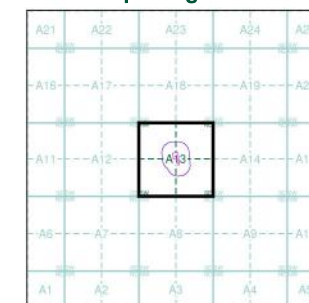
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

TQ0891NW 1992 1:1,250	TQ0891NE 1992 1:1,250	TQ0991NW 1992 1:1,250
TQ0891SW 1992 1:1,250	TQ0891SE 1992 1:1,250	TQ0991SW 1992 1:1,250

Historical Map - Segment A13

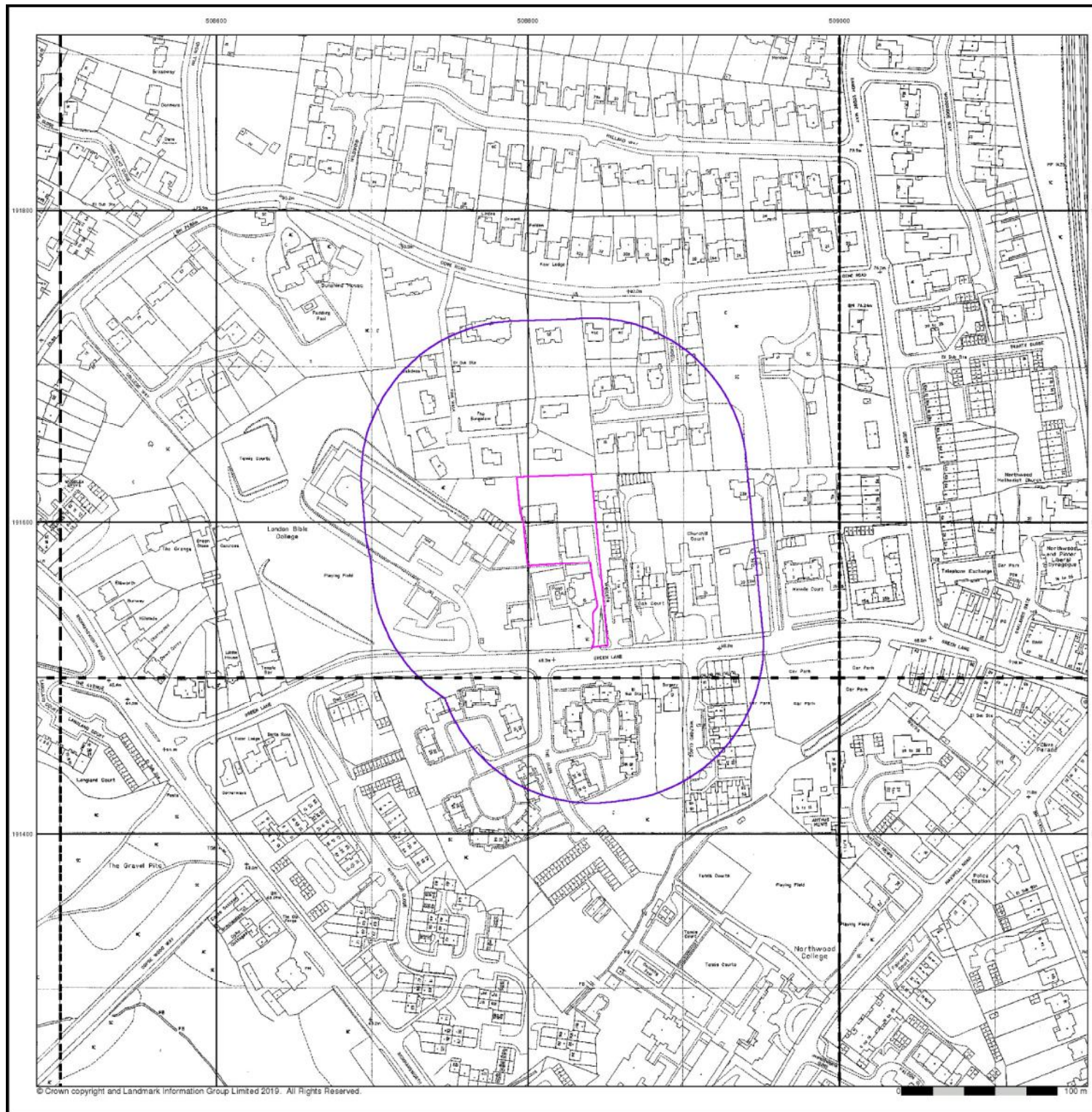


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW

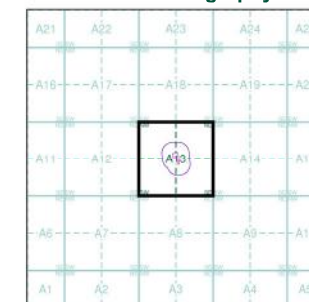


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 100

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



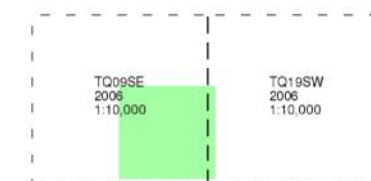
10k Raster Mapping

Published 2006

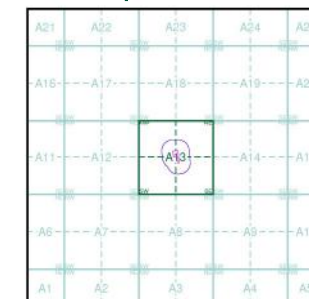
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A

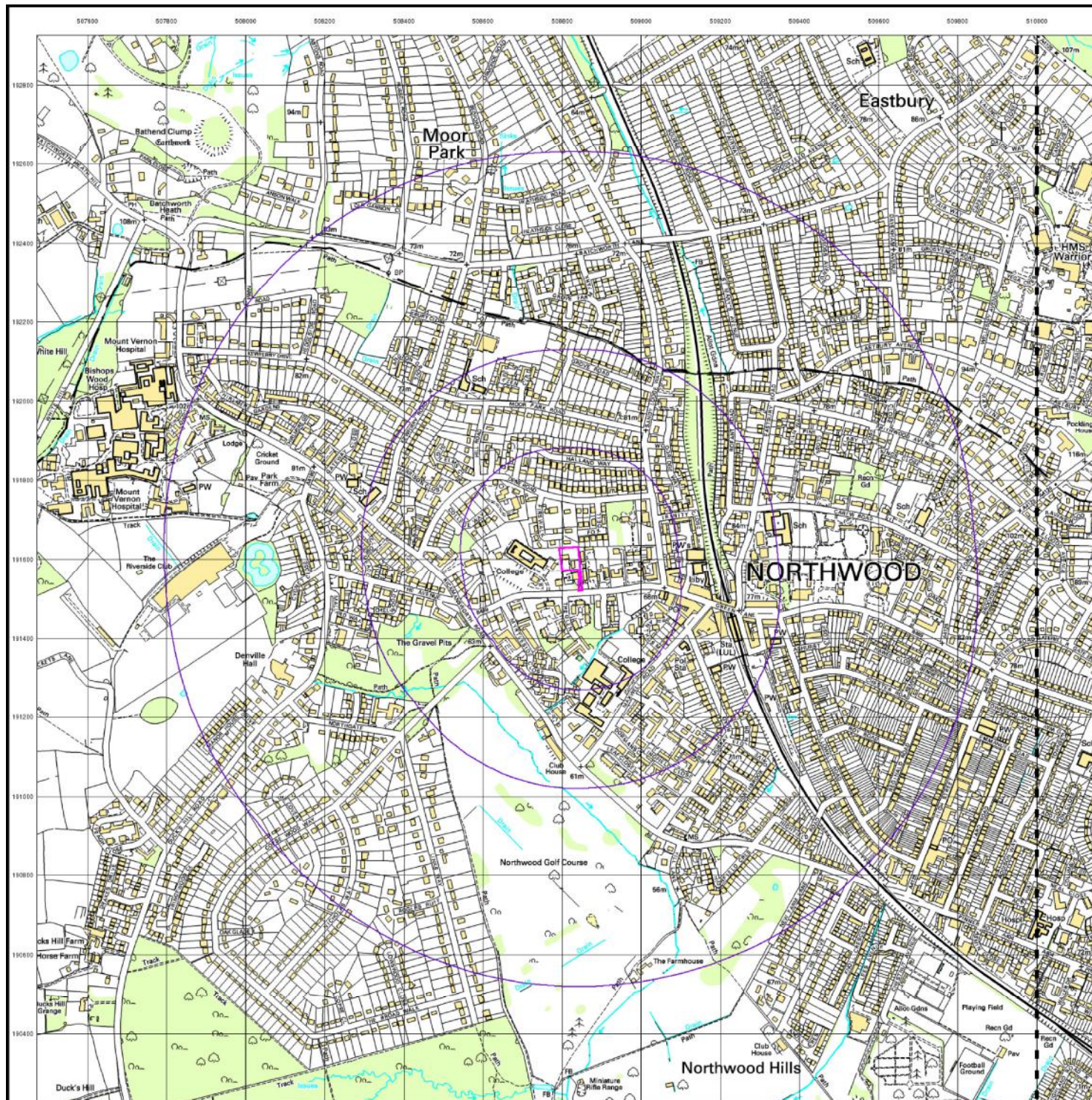


Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 1000

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW



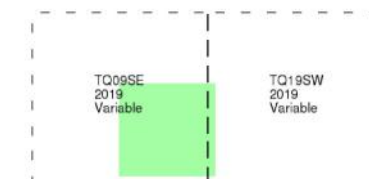
VectorMap Local

Published 2019

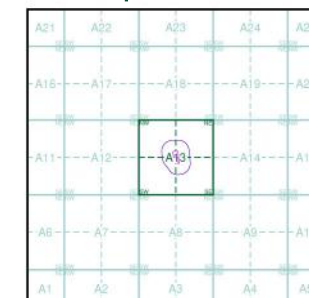
Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)



Historical Map - Slice A



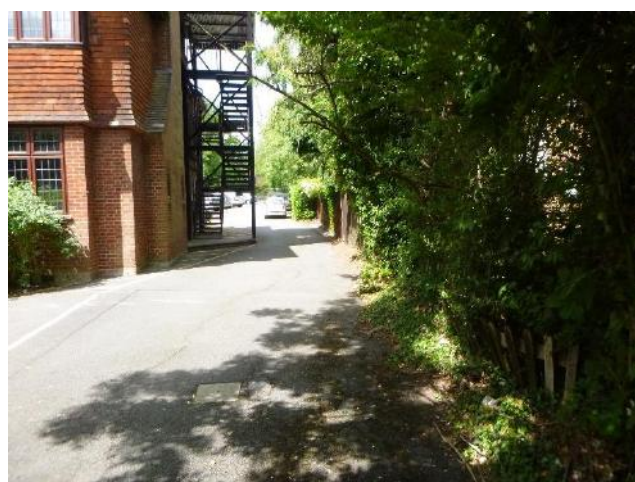
Order Details

Order Number: 204084438_1_1
 Customer Ref: RML 6980
 National Grid Reference: 508830, 191580
 Slice: A
 Site Area (Ha): 0.31
 Search Buffer (m): 1000

Site Details

London School of Theology, Green Lane, NORTHWOOD, HA6 2UW





RISK MANAGEMENT LIMITED

Tel : 01883 343572

Fax : 01883 344060

Title:

GENERAL SITE PHOTOGRAPHS 2019

Project Name :
London School of Theology
Green Lane, Northwood


Scale : NTS

Report
Date : June 2019


Plate **1**



Job No : RML 6980




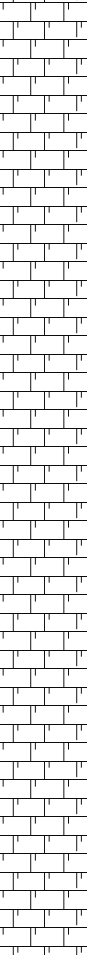



	Title : GENERAL SITE PHOTOGRAPHS 2019		Scale : NTS
	Project Name : London School of Theology Green Lane, Northwood		Report Date : June 2019
RISK MANAGEMENT LIMITED Tel : 01883 343572 Fax : 01883 344060			Plate 2
			Job No : RML 6980



 <p>RISK MANAGEMENT LIMITED Tel : 01883 343572 Fax : 01883 344060</p>	<p>Title :</p> <p>GENERAL SITE PHOTOGRAPHS 2019</p>	<p>Scale : NTS</p>
		<p>Report Date : June 2019</p>
	<p>Project Name :</p> <p>London School of Theology Green Lane, Northwood</p>	<p>Plate 3</p>
		<p>Job No : RML 6980</p>



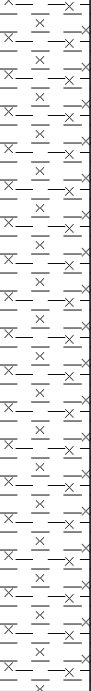

<div></div> <div>Risk Management Limited Unit 10 Coopers Place Combe Lane Godalming Surrey GU8 5SZ</div>			<div>Borehole Log</div>				<div>Borehole No. BH1</div> <div>Sheet 1 of 2</div>			
<div>Project No. RML 6980</div>		<div>Coordinates:</div>			<div>Drilling Technique: Cable Percussion Rig</div>		<div>Level (m):</div>			
<div>Site Address: London School of Theology, Green Lane, Northwood, HA6 2UW</div>			<div>Date: 20/05/2019</div>		<div>Diameter (mm): 200</div>		<div>Scale: 1:50</div>			
	<div>Stratum Description</div>	<div>Legend</div>	<div>Depth (m)</div>	<div>Level (m)</div>	<div>Samples and In Situ Testing</div>				<div>Water Strikes</div>	<div>Well</div>
	<div>Grass over Topsoil</div>	<div></div>	<div>0.20</div>		<div>0.10</div>	<div>D1</div>				
<div>1</div>	<div>MADE GROUND (brown silty clay with brick fragments, gravel and roots).</div>	<div></div>			<div>1.00</div>	<div>D2</div>				
		<div></div>			<div>1.10</div>	<div>B1</div>				
		<div></div>	<div>1.40</div>		<div>1.50</div>		<div>SPT</div>	<div>N=13 (1,1/2,3,4,4)</div>		
<div>2</div>	<div>Stiff to very stiff grey mottled orange-brown and red-brown silty CLAY.</div>	<div></div>			<div>2.00</div>	<div>D3</div>				
	<div>with occasional fragments of siltstone between 1.50m and 1.90m depth</div>	<div></div>			<div>2.50</div>	<div>U1</div>		<div>(35 blows)</div>		
		<div></div>			<div>3.00</div>	<div>D4</div>				
<div>3</div>		<div></div>			<div>3.50</div>		<div>SPT</div>	<div>N=43 (5,7/9,10,12,12)</div>		
		<div></div>			<div>4.00</div>	<div>D5</div>				
		<div></div>			<div>4.50</div>	<div>U2</div>		<div>(100 blows)</div>		
<div>5</div>		<div></div>			<div>5.00</div>	<div>D6</div>				
		<div></div>			<div>6.00</div>	<div>D7</div>				
		<div></div>			<div>6.50</div>		<div>SPT</div>	<div>N=52 (5,7/10,12,14,16)</div>		
<div>7</div>		<div></div>			<div>7.00</div>	<div>D8</div>				
		<div></div>			<div>8.00</div>	<div>D9</div>				
		<div></div>			<div>8.50</div>	<div>U3</div>		<div>(100 blows)</div>		
<div>9</div>	<div>Stiff to very stiff orange-brown mottled grey silty CLAY with pockets of orange-brown sand.</div>	<div></div>	<div>8.80</div>		<div>9.00</div>	<div>D10</div>				
<div>10</div>	<div>Continued on next sheet</div>	<div></div>			<div>10.00</div>	<div>D11</div>				
<div>Remarks: Service Pit excavated to 1.20m depth. Groundwater not noted during boring. Roots in evidence until at least 1.40m depth.</div>					<div>KEY</div> <div>D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test</div>				<div></div>	


<div></div> <div>Risk Management Limited Unit 10 Coopers Place Combe Lane Godalming Surrey GU8 5SZ</div>		<div>Borehole Log</div>				<div>Borehole No. BH1</div> <div>Sheet 2 of 2</div>				
<div>Project No. RML 6980</div>		<div>Coordinates:</div>			<div>Drilling Technique: Cable Percussion Rig</div>		<div>Level (m):</div>			
<div>Site Address: London School of Theology, Green Lane, Northwood, HA6 2UW</div>			<div>Date: 20/05/2019</div>		<div>Diameter (mm): 200</div>		<div>Scale: 1:50</div>			
	<div>Stratum Description</div>	<div>Legend</div>	<div>Depth (m)</div>	<div>Level (m)</div>	<div>Samples and In Situ Testing</div>				<div>Water Strikes</div>	<div>Well</div>
					<div>Depth (m)</div>	<div>Sample Type</div>	<div>Test Type</div>	<div>Results</div>		
11	Stiff to very stiff orange-brown mottled grey silty CLAY with pockets of orange-brown sand.		11.60		10.50		SPT	N=36 (5,9/7,8,10,11)		
				11.00	D12					
12	Very dense, fine to coarse black rounded to sub-rounded GRAVEL.		13.60		12.00	D13				
				12.50	B2	CPT	50 (7,16/50 for 155mm)			
13										
14	Off-white rubbly to blocky CHALK with flint gravel.				14.00	D14				
					14.50		SPT	N=36 (4,7/8,9,9,10)		
15					15.00	D15				
					16.00	D16				
					16.50		SPT	N=35 (4,7/7,9,9,10)		
17					17.00	D17				
					18.00	D18				
				18.50		SPT	N=39 (5,8/9,9,10,11)			
19				19.00	D19					
20	Borehole terminated at 20.00m depth		20.00		20.00	D20	SPT	N=38 (5,5/8,9,10,11)		
<div>Remarks: Service Pit excavated to 1.20m depth. Groundwater not noted during boring. Roots in evidence until at least 1.40m depth.</div>					<div>KEY</div> <div>D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test</div>				<div></div>	

Borehole Log

Borehole No.
DIS1
Sheet 1 of 1

Project No.	RML 6980	Coordinates:		Drilling Technique:	Drive-in-Sampler	Level (m):	
Site Address:	London School of Theology, Green Lane, Northwood, HA6 2UW	Date:	24/05/2019	Diameter (mm):	50	Scale:	1:25













	Stratum Description	Legend	Depth (m)	Level (m)	Samples and In Situ Testing				Water Strikes	Well
					Depth (m)	Sample Type	Test Type	Results		
	Grass over Topsoil		0.08							
	MADE GROUND (brown desiccated silty clay with brick fragments and roots).		0.30		0.15	D1				
	Soft brown silty CLAY with fragments of siltstone and roots. <i>roots in evidence until at least 1.40m depth</i>				0.50	D2				
1					1.00	D3				
					1.50	D4				
2					2.00	D5				
					2.50	D6				
			2.70							
3	Firm to stiff brown mottled grey silty CLAY. Borehole terminated at 3.00m depth		3.00		3.00	D7				
4										
5										


Remarks:	Service pit excavated to 1.20m depth. Groundwater encountered at 1.80m depth. Roots in evidence until at least 1.40m depth.	KEY D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test	
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Borehole Log










Borehole No.
DIS2
Sheet 1 of 1

Project No.	RML 6980	Coordinates:		Drilling Technique:	Drive-in-Sampler	Level (m):	
Site Address:	London School of Theology, Green Lane, Northwood, HA6 2UW	Date:	24/05/2019	Diameter (mm):	50	Scale:	1:25

	Stratum Description	Legend	Depth (m)	Level (m)	Samples and In Situ Testing				Water Strikes	Well
					Depth (m)	Sample Type	Test Type	Results		
	Asphalt.		0.10		0.15	D1				
	MADE GROUND (crushed brick and stone).		0.30							
	MADE GROUND (brown-grey silty clay with brick fragments and roots).		0.40		0.50	D2				
1	Firm brown silty CLAY with roots. <i>roots in evidence until at least 1.40m depth</i>				1.00	D3				
2					1.50	D4				
					2.00	D5				
					2.50	D6				
3	Firm to stiff, orange-brown mottled grey silty CLAY.		2.90		3.00	D7				
					3.50	D8				
4					4.00	D9				
					4.50	D10				
5	Borehole terminated at 5.00m depth		5.00		5.00	D11				

Remarks:	Service pit excavated to 1.20m depth. Groundwater encountered at 2.00m depth. Standpipe installed to 5.00m depth. Roots in evidence until at least 1.40m depth.	KEY D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test	
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<div></div> <div>Risk Management Limited Unit 10 Coopers Place Combe Lane Godalming Surrey GU8 5SZ</div>		<div>Borehole Log</div>				<div>Borehole No. DIS3 Sheet 1 of 1</div>				
<div>Project No. RML 6980</div>		<div>Coordinates:</div>			<div>Drilling Technique: Drive-in-Sampler</div>		<div>Level (m):</div>			
<div>Site Address: London School of Theology, Green Lane, Northwood, HA6 2UW</div>			<div>Date: 24/05/2019</div>		<div>Diameter (mm): 50</div>		<div>Scale: 1:25</div>			
	<div>Stratum Description</div>	<div>Legend</div>	<div>Depth (m)</div>	<div>Level (m)</div>	<div>Samples and In Situ Testing</div>				<div>Water Strikes</div>	<div>Well</div>
	<div>Grass over Topsoil</div>	<div></div>	<div>0.05</div>		<div>Depth (m)</div>	<div>Sample Type</div>	<div>Test Type</div>	<div>Results</div>		
	<div>MADE GROUND (brown clay with brick fragments, gravel and roots).</div>	<div></div>	<div>0.20</div>		<div>0.15</div>	<div>D1</div>				
	<div>MADE GROUND (brown silty clay with brick fragments and roots).</div>	<div></div>	<div>0.60</div>		<div>0.50</div>	<div>D2</div>				
1	<div>Firm orange-brown silty CLAY. with a little grey mottling from 1.20m depth</div>	<div></div>			<div>1.00</div>	<div>D3</div>				
		<div></div>			<div>1.50</div>	<div>D4</div>				
		<div></div>	<div>1.80</div>							
2	<div>Firm to stiff grey mottled red-orange silty CLAY.</div>	<div></div>			<div>2.00</div>	<div>D5</div>				
		<div></div>			<div>2.50</div>	<div>D6</div>				
3	<div>Borehole terminated at 3.00m depth</div>	<div></div>	<div>3.00</div>		<div>3.00</div>	<div>D7</div>				
4										
5										
<div>Remarks: Service pit excavated to 1.20m depth. Groundwater not noted during boring. Roots in evidence until at least 0.60m depth.</div>					<div>KEY D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test</div>				<div></div>	

 <div> <div>Risk Management</div> <div> Risk Management Limited Unit 10 Coopers Place Combe Lane Godalming Surrey GU8 5SZ </div> </div>		<div>Borehole Log</div>				<div>Borehole No.</div> <div>DIS4</div> <div>Sheet 1 of 1</div>				
<div>Project No.</div> <div>RML 6980</div>		<div>Coordinates:</div>		<div>Drilling Technique:</div> <div>Drive-in-Sampler</div>		<div>Level (m):</div>				
<div>Site Address:</div> <div>London School of Theology, Green Lane, Northwood, HA6 2UW</div>		<div>Date:</div> <div>24/05/2019</div>		<div>Diameter (mm):</div> <div>50</div>		<div>Scale:</div> <div>1:25</div>				
	Stratum Description	Legend	Depth (m)	Level (m)	Samples and In Situ Testing				Water Strikes	Well
					Depth (m)	Sample Type	Test Type	Results		
1	Grass over Topsoil		0.05							
	MADE GROUND (brown clay with brick fragments, concrete and roots).		0.20		0.15	D1				
	MADE GROUND (crushed stone and concrete fill). <i>roots in evidence until at least 0.50m depth</i>		0.70		0.50	D2				
	Firm orange-brown silty CLAY.				1.00	D3				
					1.50	D4				
					2.00	D5				
	Firm to stiff orange-brown mottled grey silty CLAY.		2.20		2.50	D6				
			3.00	D7						
3	Borehole terminated at 3.00m depth									
4										
5										


Remarks:


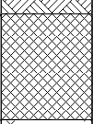

Service pit excavated to 1.20m depth. Groundwater not noted during boring. Roots in evidence until at least 0.50m depth.

KEY

D = Disturbed Sample
 U = Undisturbed Sample
 B = Bulk Sample
 W = Water Sample

CPT = Cone Penetration Test
 SPT = Standard Penetration Test
 V = Vane Test
 PP = Pocket Penetrometer
 MEXE = Insitu CBR test



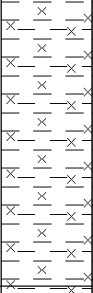
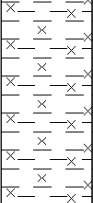
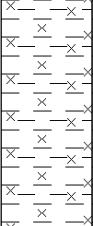



 <div> Risk Management Limited Unit 10 Coopers Place Combe Lane Godalming Surrey GU8 5SZ </div>		<div>Borehole Log</div>				Borehole No. DIS5 Sheet 1 of 1				
Project No. RML 6980		Coordinates:		Drilling Technique: Drive-in-Sampler		Level (m):				
Site Address: London School of Theology, Green Lane, Northwood, HA6 2UW		Date: 24/05/2019		Diameter (mm): 50		Scale: 1:25				
	Stratum Description	Legend	Depth (m)	Level (m)	Samples and In Situ Testing				Water Strikes	Well
					Depth (m)	Sample Type	Test Type	Results		
1	Grass over Topsoil		0.05							
	MADE GROUND (brown silty clay with brick fragments, gravel and roots).		0.15		D1					
	Firm orange-brown silty CLAY with occasional grey mottling. <i>roots in evidence until at least 0.80m depth</i>		0.50		D2					
			1.00		D3					
			1.50		D4					
			2.00		D5					
			2.50		D6					
3	Borehole terminated at 3.00m depth	3.00	D7							
4										
5										
Remarks: Service pit excavated to 1.20m depth. Groundwater not noted during boring. Roots in evidence until at least 0.80m depth.					KEY D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test					

Borehole Log

Borehole No.
DIS6
Sheet 1 of 1

Project No.	RML 6980	Coordinates:	Drilling Technique: Drive-in-Sampler	Level (m):
Site Address:	London School of Theology, Green Lane, Northwood, HA6 2UW	Date:	24/05/2019	Diameter (mm): 50
				Scale: 1:25

	Stratum Description	Legend	Depth (m)	Level (m)	Samples and In Situ Testing				Water Strikes	Well
					Depth (m)	Sample Type	Test Type	Results		
	Grass over Topsoil		0.04							
	MADE GROUND (brown clay with brick fragments, clinker and gravel).		0.20		0.15	D1				
	Soft orange-brown silty CLAY with pockets of grey silt.				0.50	D2				
1					1.00	D3				
			1.40		1.50	D4				
	Firm orange-brown mottled grey silty CLAY.				2.00	D5				
2			2.20		2.50	D6				
	Firm to stiff grey silty CLAY with occasional orange-red mottling.				3.00	D7				
3	Borehole terminated at 3.00m depth		3.00							
4										
5										

Remarks:	Service pit excavated to 1.20m depth. Groundwater not noted during boring.	KEY D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test	
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FALLING HEAD PERMEABILITY TEST

Risk Management Limited
Tel : 01883 343572

Project Name : London School of Theology, Green Lane,
Northwood, London HA6 2UW

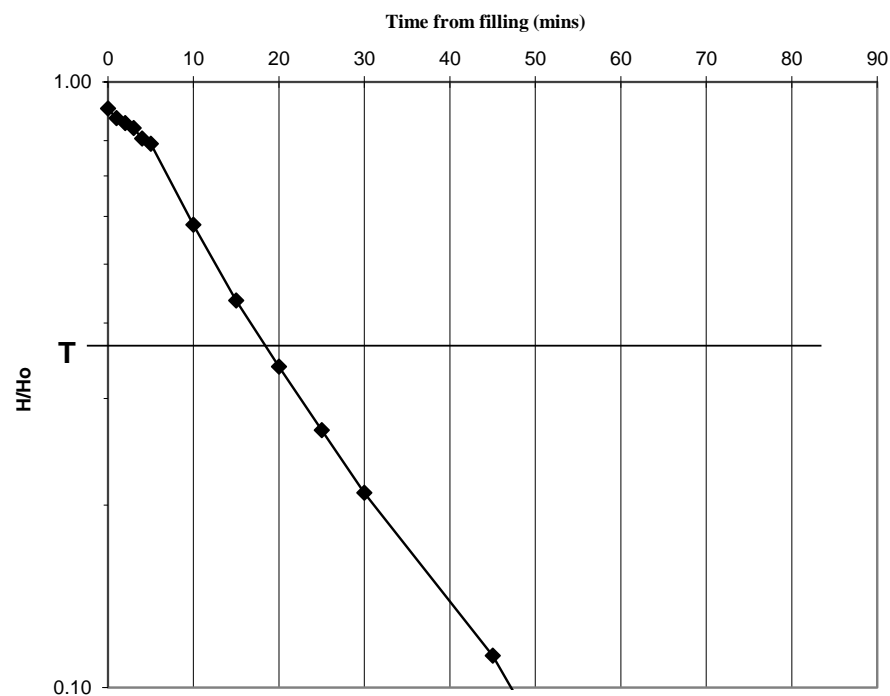
SOAKAWAY TEST SA1 (DIS2)

Job No. RML 6980

Date : June 2019

Test Depth		$H_0 =$			
1.24		1.24			
Depth (m)	Time (mins)	H	H/H ₀		
0.120	0	1.12	0.90		
0.160	1	1.08	0.87		
0.180	2	1.06	0.85		
0.200	3	1.04	0.84		
0.240	4	1.00	0.81		
0.260	5	0.98	0.79		
0.520	10	0.72	0.58		
0.700	15	0.54	0.44		
0.820	20	0.42	0.34		
0.910	25	0.33	0.27		
0.980	30	0.26	0.21		
1.100	45	0.14	0.11		
1.180	60	0.06	0.05		
1.210	75	0.03	0.02		
1.230	90	0.01	0.01		

Diameter of pipe = 0.019 (m)
 Area (A) = 0.0003 (m²)
 Intake factor (F) = 0.05
 Basic Time Factor (T) = 18.5 (min)
 Permeability (k) = 4.89E-06 m/sec



Standard Penetration Test (SPT) versus Depth Profile

Risk Management Limited
Tel : 01883 343572

Project Name : London School of Theology, Green Lane, Northwood, London HA6 2UW

Job No. : RML 6980

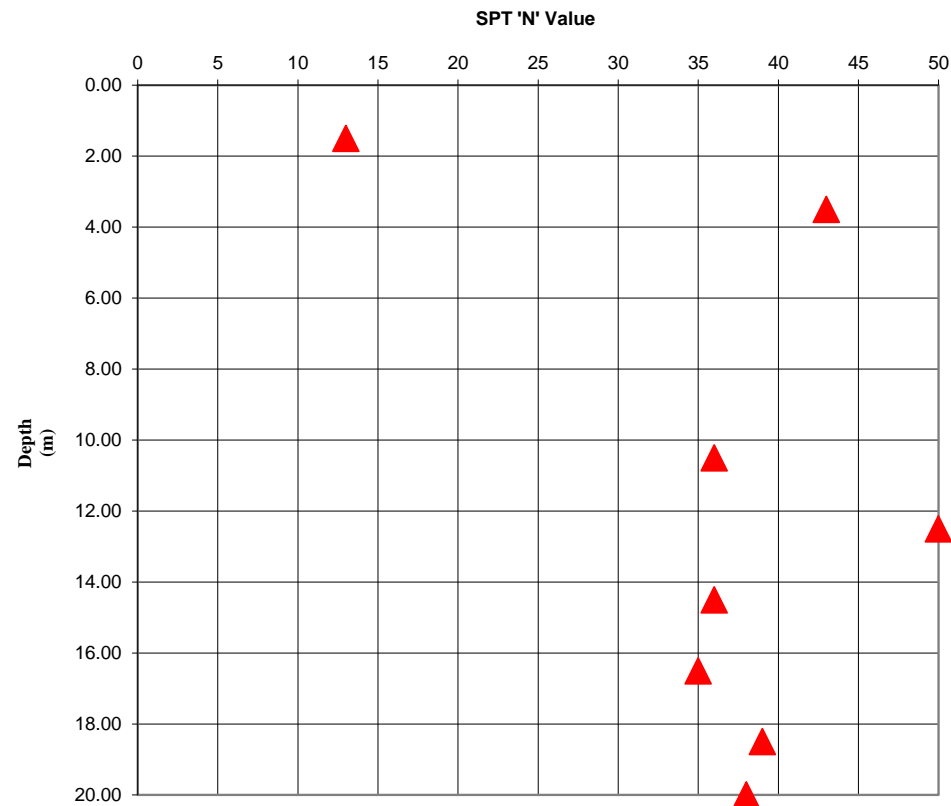
Date : June 2019

BH1

Depth (m)	SPT 'N' value
1.50	13
3.50	43
6.50	52
10.50	36
12.50	50
14.50	36
16.50	35
18.50	39
20.00	38

1.50	13
3.50	43
6.50	52
10.50	36
12.50	50
14.50	36
16.50	35
18.50	39
20.00	38

NB : SPT 'N' values greater than 50 reported as 50 above



Sample Details			Description	Classification Tests					Density Tests		Undrained Triaxial Compression Tests			Chemical Results				Other tests and comments
BH	Depth	Sample No.		MC	LL	PL	PI	<425 mic	Bulk	Dry	Cell Pressure	Deviator Stress	Mean Shear	pH	W/S SO ₄	Total SO ₄	Water SO ₄	
No.	(m)			(%)	(%)	(%)		(%)	(Mg/m ³)	(Mg/m ³)	kPa	kPa	Stress kPa		(g/l)	(%)	(g/l)	
BH1	1.00	D2												7.2	< 0.02			
BH1	1.50	S1	Stiff grey mottled orange-brown and red-brown silty CLAY with occasional fragments of siltstone.	19	77	24	53	100	1.95	1.63	30	197	98					Class CV
BH1	2.00	D3												8.8	0.05			
BH1	2.50	U1	Very stiff grey mottled orange-brown and red-brown silty CLAY.	18	63	18	45	100	2.11	1.79	50	318	159					Class CH
BH1	4.50	U2	Very stiff grey mottled orange-brown and red-brown silty CLAY.	23					2.08	1.69	90	376	188					
BH1	6.00	D7	Stiff grey mottled orange-brown and red-brown silty CLAY.	13					2.08	1.85	120	263	131					
BH1	8.50	U3	Very stiff grey mottled orange-brown and red-brown silty CLAY.	19					2.10	1.77	170	335	167					
DIS1	0.15	D1												7.1				
DIS2	0.15	D1												8.2				
DIS3	0.50	D2												7.4				
DIS4	0.50	D2												9.1				
DIS5	0.50	D2												7.4				
DIS6	1.00	D3												7.7				

SUMMARY OF GEOTECHNICAL TESTING

Results of Particle Size Distribution Tests

Project Name : London School of Theology, Green Lane, Northwood

Project No. RML 6980

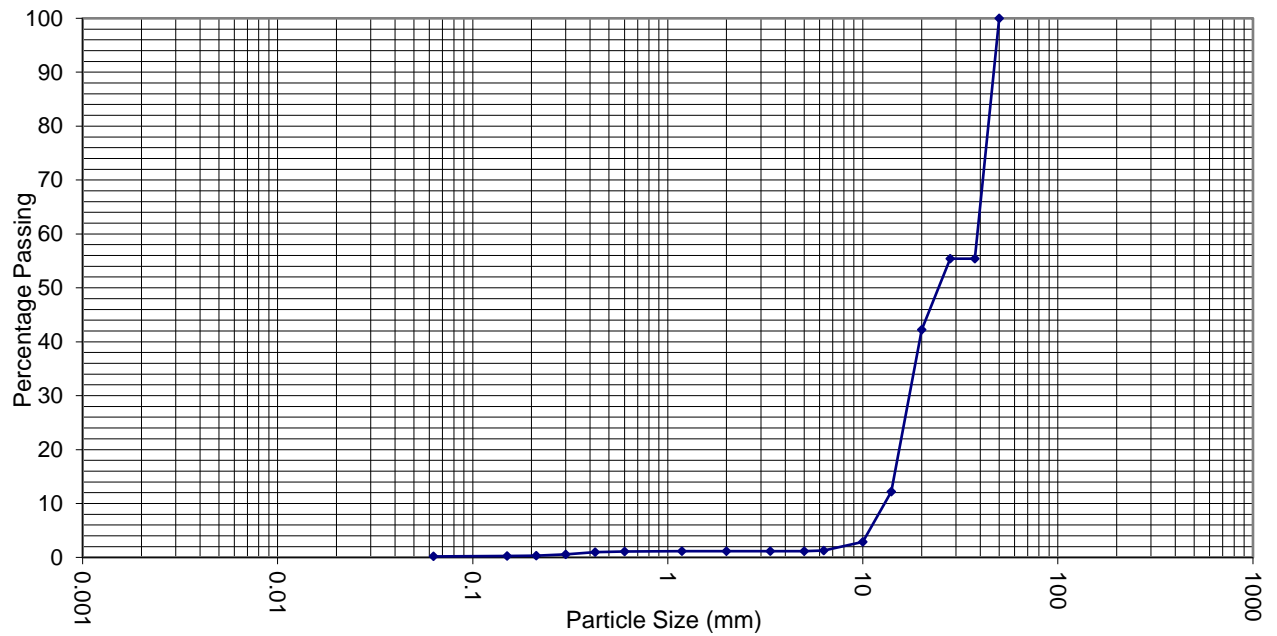
Borehole No. BH1

Sample No. B2

Depth (m) 12.50

Test Method : BS 1377 : Part 2 : 1990 : Clause 9

Sieve (mm)	Passing (%)	Sieve (mm)	Passing (%)
200	100	2	1
125	100	1.18	1
90	100	0.6	1
75	100	0.425	1
63	100	0.3	1
50	100	0.212	0
37.5	55	0.15	0
28	55	0.063	0
20	42	Pipette	
14	12	Particle Size	% Passing
10	3		
6.3	1		
5	1		
3.35	1		



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Mediu	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Description :

Fine to coarse, black rounded to sub-rounded GRAVEL.

Undrained Shear Strength versus Depth Profile

Risk Management Limited
Tel : 01883 343572

Project Name : London School of Theology, Green Lane, Northwood, London HA6 2UW

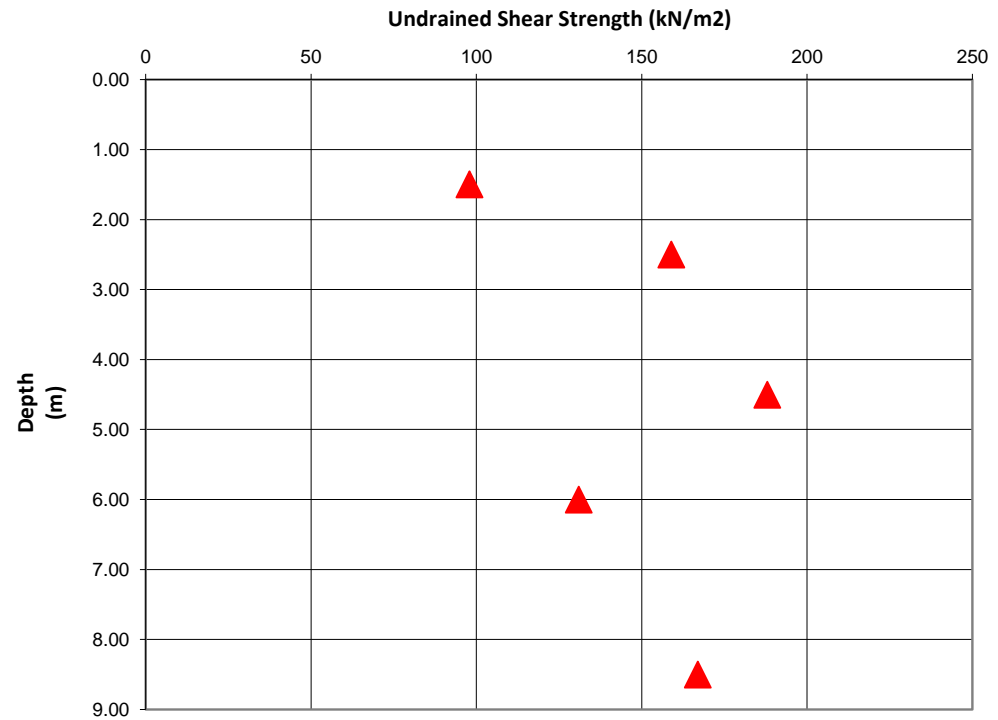
Job No. : RML 6980

Date : June 2019

BH1

Depth (m)	Shear Strength (kN/m ²)
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1.50	98
2.50	159
4.50	188
6.00	131
8.50	167





2683



THE ENVIRONMENT AGENCY'S
MONITORING CERTIFICATION SCHEME

Unit A2
Windmill Road
Ponswood Industrial Estate
St Leonards on Sea
East Sussex
TN38 9BY
Telephone: (01424) 718618

cs@elab-uk.co.uk
info@elab-uk.co.uk

THE ENVIRONMENTAL LABORATORY LTD

Analytical Report Number: 19-23403

Issue: 1

Date of Issue: 18/06/2019

Contact: Malcolm Price

Customer Details: Risk Management Ltd
10 Coopers Place
Combe Lane
Godalming
Surrey GU8 5SZ

Quotation No: Q19-01475

Order No: RML 6980

Customer Reference: RML 6980

Date Received: 06/06/2019

Date Approved: 18/06/2019

Details: London School of Theology Green Lane, Northwood, London

Approved by:

Mike Varley, Technical Manager

Any comments, opinions or interpretations expressed herein are outside the scope of UKAS accreditation (Accreditation Number 2683)



Sample Summary

Report No.: 19-23403, issue number 1

Elab No.	Client's Ref.	Date Sampled	Date Scheduled	Description	Deviations
175187	DIS1 D1 0.15	24/05/2019	06/06/2019	Silty loam	
175188	DIS2 D1 0.15	24/05/2019	06/06/2019	Sandy silty loam	
175189	DIS3 D2 0.50	24/05/2019	06/06/2019	Silty loam	
175190	DIS4 D2 0.50	24/05/2019	06/06/2019	Silty loam	
175191	DIS5 D2 0.50	24/05/2019	06/06/2019	Silty loam	
175192	DIS6 D3 1.00	24/05/2019	06/06/2019	Silty clayey loam	
175193	BH1 D2 1.00	20/05/2019	06/06/2019	Sandy clayey loam	
175194	BH1 D3 2.00	20/05/2019	06/06/2019	Silty clayey loam	

Results Summary

Report No.: 19-23403, issue number 1

Report No.: 19-23403, Issue number

				ELAB Reference	175187	175188	175189	175190	175191	175192	175193	175194
				Customer Reference	D1	D1	D2	D2	D2	D3	D2	D3
				Sample ID								
				Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Sample Location	DIS1	DIS2	DIS3	DIS4	DIS5	DIS6	BH1	BH1
				Sample Depth (m)	0.15	0.15	0.50	0.50	0.50	1.00	1.00	2.00
				Sampling Date	24/05/2019	24/05/2019	24/05/2019	24/05/2019	24/05/2019	24/05/2019	20/05/2019	20/05/2019
Determinand	Codes	Units	LOD									
Soil sample preparation parameters												
Moisture Content	N	%	0.1	16.2	14.9	19.4	8.0	n/t	n/t	n/t	n/t	n/t
Stones Content	N	%	0.1	11.1	40.9	< 0.1	19.3	n/t	n/t	n/t	n/t	n/t
Material removed	N	%	0.1	11.1	40.9	< 0.1	19.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Description of Inert material removed	N		0	Stones,clinker	Stones,brick,clinker	None	Stones,brick,clinker	None	None	None	None	None
Metals												
Arsenic	M	mg/kg	1	18.1	35.0	13.7	17.7	n/t	n/t	n/t	n/t	n/t
Cadmium	M	mg/kg	0.5	< 0.5	< 0.5	< 0.5	< 0.5	n/t	n/t	n/t	n/t	n/t
Chromium	M	mg/kg	5	29.3	37.7	31.2	25.6	n/t	n/t	n/t	n/t	n/t
Copper	M	mg/kg	5	33.9	87.6	28.7	40.1	n/t	n/t	n/t	n/t	n/t
Lead	M	mg/kg	5	115	584	34.8	468	n/t	n/t	n/t	n/t	n/t
Mercury	M	mg/kg	0.5	< 0.5	12.8	< 0.5	< 0.5	n/t	n/t	n/t	n/t	n/t
Nickel	M	mg/kg	5	18.4	27.0	16.1	23.2	n/t	n/t	n/t	n/t	n/t
Selenium	M	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t
Zinc	M	mg/kg	5	145	199	56.3	130	n/t	n/t	n/t	n/t	n/t
Anions												
Water Soluble Sulphate	M	g/l	0.02	n/t	n/t	n/t	n/t	n/t	n/t	< 0.02		0.05
Inorganics												
Free Cyanide	N	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t
Hexavalent Chromium	N	mg/kg	0.8	< 0.8	< 0.8	< 0.8	< 0.8	n/t	n/t	n/t	n/t	n/t
Total Cyanide	M	mg/kg	1	< 1.0	< 1.0	< 1.0	< 1.0	n/t	n/t	n/t	n/t	n/t
Miscellaneous												
Acid Neutralisation Capacity	N	mol/kg	0.1	n/t	n/t	n/t	n/t	< 0.1	< 0.1	n/t	n/t	n/t
Loss On Ignition (450°C)	M	%	0.01	n/t	n/t	n/t	n/t	6.94	2.82	n/t	n/t	n/t
pH	M	pH units	0.1	7.1	8.2	7.4	9.1	7.4	7.7	7.2	8.8	
Total Organic Carbon	N	%	0.01	n/t	n/t	n/t	n/t	3.0	0.19	n/t	n/t	n/t
Phenols												
Phenol	M	mg/kg	1	< 1	< 1	< 1	1	n/t	n/t	n/t	n/t	n/t
M,P-Cresol	N	mg/kg	1	< 1	< 1	< 1	< 1	n/t	n/t	n/t	n/t	n/t
O-Cresol	N	mg/kg	1	< 1	1	< 1	< 1	n/t	n/t	n/t	n/t	n/t
3,4-Dimethylphenol	N	mg/kg	1	< 1	< 1	< 1	< 1	n/t	n/t	n/t	n/t	n/t
2,3-Dimethylphenol	M	mg/kg	1	< 1	< 1	< 1	< 1	n/t	n/t	n/t	n/t	n/t
2,3,5-trimethylphenol	M	mg/kg	1	< 1	< 1	< 1	< 1	n/t	n/t	n/t	n/t	n/t
Total Monohydric Phenols	N	mg/kg	5	< 5	< 5	< 5	< 5	n/t	n/t	n/t	n/t	n/t

Results Summary

Report No.: 19-23403, issue number 1

ELAB Reference	175187	175188	175189	175190	175191	175192	175193	175194
Customer Reference	D1	D1	D2	D2	D2	D3	D2	D3
Sample ID								
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Location	DIS1	DIS2	DIS3	DIS4	DIS5	DIS6	BH1	BH1
Sample Depth (m)	0.15	0.15	0.50	0.50	0.50	1.00	1.00	2.00
Sampling Date	24/05/2019	24/05/2019	24/05/2019	24/05/2019	24/05/2019	24/05/2019	20/05/2019	20/05/2019
Determinand	Codes	Units	LOD					
Polyaromatic hydrocarbons								
Naphthalene	M	mg/kg	0.1	< 0.1	0.2	< 0.1	< 0.1	n/t
Acenaphthylene	M	mg/kg	0.1	< 0.1	0.1	< 0.1	0.1	n/t
Acenaphthene	M	mg/kg	0.1	< 0.1	0.5	< 0.1	< 0.1	n/t
Fluorene	M	mg/kg	0.1	< 0.1	0.3	< 0.1	< 0.1	n/t
Phenanthrene	M	mg/kg	0.1	< 0.1	0.7	< 0.1	0.9	n/t
Anthracene	M	mg/kg	0.1	< 0.1	0.5	< 0.1	0.4	n/t
Fluoranthene	M	mg/kg	0.1	0.1	2.0	< 0.1	4.8	n/t
Pyrene	M	mg/kg	0.1	0.2	2.8	< 0.1	4.9	n/t
Benzo(a)anthracene	M	mg/kg	0.1	< 0.1	1.3	< 0.1	3.1	n/t
Chrysene	M	mg/kg	0.1	< 0.1	2.3	< 0.1	4.0	n/t
Benzo(b)fluoranthene	M	mg/kg	0.1	0.1	2.4	< 0.1	4.4	n/t
Benzo(k)fluoranthene	M	mg/kg	0.1	0.1	2.9	< 0.1	3.9	n/t
Benzo(a)pyrene	M	mg/kg	0.1	< 0.1	1.2	< 0.1	4.2	n/t
Indeno(1,2,3-cd)pyrene	M	mg/kg	0.1	< 0.1	0.9	< 0.1	3.7	n/t
Dibenzo(a,h)anthracene	M	mg/kg	0.1	< 0.1	0.5	< 0.1	0.9	n/t
Benzo(g,h,i)perylene	M	mg/kg	0.1	< 0.1	1.7	< 0.1	3.0	n/t
Total PAH(16)	M	mg/kg	0.4	0.9	20.3	< 0.4	38.3	n/t
Total PAH (Including Coronene)	N	mg/kg	2	n/t	n/t	n/t	3	< 2
BTEX								
Benzene	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	n/t
Toluene	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	n/t
Ethylbenzene	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	n/t
Xylenes	M	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	n/t
MTBE	N	ug/kg	10	< 10.0	< 10.0	< 10.0	< 10.0	n/t
Total BTEX	M	mg/kg	0.01	n/t	n/t	n/t	< 0.01	< 0.01
TPH CWG								
>C5-C6 Aliphatic	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	n/t
>C6-C8 Aliphatic	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	n/t
>C8-C10 Aliphatic	N	mg/kg	1	< 1.0	114	< 1.0	< 1.0	n/t
>C10-C12 Aliphatic	M	mg/kg	1	< 1.0	561	< 1.0	< 1.0	n/t
>C12-C16 Aliphatic	M	mg/kg	1	< 1.0	271	< 1.0	< 1.0	n/t
>C16-C21 Aliphatic	M	mg/kg	1	< 1.0	32.9	< 1.0	< 1.0	n/t
>C21-C35 Aliphatic	M	mg/kg	1	< 1.0	1110	4.5	8.7	n/t
>C35-C40 Aliphatic	M	mg/kg	1	< 1.0	162	2.4	1.1	n/t
Total aliphatic hydrocarbons (>C5 - C40)	N	mg/kg	1	< 1.0	2250	6.8	10	n/t
>C5-C7 Aromatic	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	n/t
>C7-C8 Aromatic	N	mg/kg	0.01	< 0.01	< 0.01	< 0.01	< 0.01	n/t
>C8-C10 Aromatic	N	mg/kg	1	< 1.0	138	< 1.0	< 1.0	n/t
>C10-C12 Aromatic	M	mg/kg	1	< 1.0	443	< 1.0	< 1.0	n/t
>C12-C16 Aromatic	M	mg/kg	1	< 1.0	257	< 1.0	< 1.0	n/t
>C16-C21 Aromatic	M	mg/kg	1	< 1.0	89	1.4	7.9	n/t
>C21-C35 Aromatic	M	mg/kg	1	< 1.0	4350	35.4	103	n/t
>C35-C40 Aromatic	M	mg/kg	1	< 1.0	1210	8.4	9.1	n/t
Total aromatic hydrocarbons (>C5 - C40)	N	mg/kg	1	1.5	6490	45.2	121	n/t
Total petroleum hydrocarbons (>C5 - C40)	N	mg/kg	1	1.5	8740	52	131	n/t
Total Petroleum Hydrocarbons								
Mineral Oil	M	mg/kg	5	n/t	n/t	n/t	< 5	< 5
PCB (ICES 7 congeners)								
PCB (Total of 7 Congeners)	M	mg/kg	0.03	n/t	n/t	n/t	< 0.03	< 0.03

Results Summary

2683

Report No.: 19-23403, issue number 1

WAC Analysis

Elab Ref:	175192					Landfill Waste Acceptance Criteria Limits*		
Sample Date:	24/05/2019					Inert Waste Landfill	Stable Non-reactive Hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID:	DIS6 D3							
Depth (m)	1							
Site:	London School of Theology Green Lane, Northwood, London							
Determinand		Code	Units					
Total Organic Carbon		N	%		0.19	3	5	6
Loss on Ignition		M	%		2.8	--	--	10
Total BTEX		M	mg/kg		< 0.01	6	--	--
Total PCBs (7 congeners)		M	mg/kg		< 0.03	1	--	--
TPH Total WAC		M	mg/kg		< 5	500	--	--
Total (of 17) PAHs		N	mg/kg		< 2	100	--	--
pH		M			7.7	--	>6	--
Acid Neutralisation Capacity		N	mol/kg		< 0.1	--	To evaluate	To evaluate

Eluate Analysis

			10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg		
			mg/l	mg/kg			
Arsenic		N	< 0.005	< 0.05	0.5	2	25
Barium		N	< 0.005	< 0.05	20	100	300
Cadmium		N	< 0.001	< 0.01	0.04	1	5
Chromium		N	< 0.005	< 0.05	0.5	10	70
Copper		N	< 0.005	< 0.05	2	50	100
Mercury		N	< 0.005	< 0.01	0.01	0.2	2
Molybdenum		N	< 0.005	< 0.05	0.5	10	30
Nickel		N	< 0.001	< 0.05	0.4	10	40
Lead		N	< 0.001	< 0.05	0.5	10	50
Antimony		N	< 0.005	< 0.05	0.06	0.7	5
Selenium		N	< 0.005	< 0.05	0.1	0.5	7
Zinc		N	< 0.005	< 0.05	4	50	200
Chloride		N	< 5	< 50	800	15000	25000
Fluoride		N	< 5	11.00	10	150	500
Sulphate		N	3	34.50	1000	20000	50000
Total Dissolved Solids		N	22	216.00	4000	60000	100000
Phenol Index		N	< 0.01	< 0.10	1	-	-
Dissolved Organic Carbon		N	6.750	67.00	500	800	1000

Leach Test Information

pH		N	7.0				
Conductivity (uS/cm)		N	32				
Dry mass of test portion (g)			101.000				
Dry Matter (%)			79				
Moisture (%)			27				
Eluent Volume (ml)			930				

Results are expressed on a dry weight basis, after correction for moisture content where applicable

* Stated limits are for guidance only, and not for conformity assessment.

Results Summary

2683

Report No.: 19-23403, issue number 1

WAC Analysis

Elab Ref:	175191					Landfill Waste Acceptance Criteria Limits*		
Sample Date:	24/05/2019					Inert Waste Landfill	Stable Non-reactive Hazardous waste in non-hazardous Landfill	Hazardous Waste Landfill
Sample ID:	DIS5 D2							
Depth (m)	0.5							
Site:	London School of Theology Green Lane, Northwood, London							
Determinand		Code	Units					
Total Organic Carbon		N	%		3.00	3	5	6
Loss on Ignition		M	%		6.9	--	--	10
Total BTEX		M	mg/kg		< 0.01	6	--	--
Total PCBs (7 congeners)		M	mg/kg		< 0.03	1	--	--
TPH Total WAC		M	mg/kg		< 5	500	--	--
Total (of 17) PAHs		N	mg/kg		3.0	100	--	--
pH		M			7.4	--	>6	--
Acid Neutralisation Capacity		N	mol/kg		< 0.1	--	To evaluate	To evaluate

Eluate Analysis

			10:1	10:1	Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg		
			mg/l	mg/kg			
Arsenic		N	< 0.005	< 0.05	0.5	2	25
Barium		N	0.016	0.16	20	100	300
Cadmium		N	< 0.001	< 0.01	0.04	1	5
Chromium		N	< 0.005	< 0.05	0.5	10	70
Copper		N	0.007	0.07	2	50	100
Mercury		N	< 0.005	< 0.01	0.01	0.2	2
Molybdenum		N	< 0.005	< 0.05	0.5	10	30
Nickel		N	0.001	< 0.05	0.4	10	40
Lead		N	0.003	< 0.05	0.5	10	50
Antimony		N	< 0.005	< 0.05	0.06	0.7	5
Selenium		N	< 0.005	< 0.05	0.1	0.5	7
Zinc		N	0.009	0.09	4	50	200
Chloride		N	< 5	< 50	800	15000	25000
Fluoride		N	< 5	< 10	10	150	500
Sulphate		N	6	60.60	1000	20000	50000
Total Dissolved Solids		N	131	1310.00	4000	60000	100000
Phenol Index		N	< 0.01	< 0.10	1	-	-
Dissolved Organic Carbon		N	12.000	120.00	500	800	1000

Leach Test Information

pH		N	8.2				
Conductivity (uS/cm)		N	195				
Dry mass of test portion (g)			101.000				
Dry Matter (%)			86				
Moisture (%)			16				
Eluent Volume (ml)			971				

Results are expressed on a dry weight basis, after correction for moisture content where applicable

* Stated limits are for guidance only, and not for conformity assessment.

Results Summary

Report No.: 19-23403, issue number 1

Asbestos Results

Analytical result only applies to the sample as submitted by the client. Any comments, opinions or interpretations (marked #) in this report are outside UKAS accreditation (Accreditation No2683). They are subjective comments only which must be verified by the client.

Elab No	Depth (m)	Clients Reference	Description of Sample Matrix #	Asbestos Identification	Gravimetric Analysis Total (%)	Gravimetric Analysis by ACM Type (%)	Free Fibre Analysis (%)	Total Asbestos (%)
175187	0.15	DIS1 D1	Brown soil, clinker, plant-material	No asbestos detected	n/t	n/t	n/t	n/t
175188	0.15	DIS2 D1	Brown sandy soil, road-stone, stones, brick, plant-material	No asbestos detected	n/t	n/t	n/t	n/t
175189	0.50	DIS3 D2	Brown soil, stones	No asbestos detected	n/t	n/t	n/t	n/t
175190	0.50	DIS4 D2	Brown soil, stones, sandstone	No asbestos detected	n/t	n/t	n/t	n/t

Method Summary

Report No.: 19-23403, issue number 1

Parameter	Codes	Analysis Undertaken On	Date Tested	Method Number	Technique
Soil					
Free cyanide	N	As submitted sample	10/06/2019	107	Colorimetry
Hexavalent chromium	N	As submitted sample	10/06/2019	110	Colorimetry
Aqua regia extractable metals	M	Air dried sample	10/06/2019	118	ICPMS
Phenols in solids	M	As submitted sample	07/06/2019	121	HPLC
PAH (GC-FID)	M	As submitted sample	11/06/2019	133	GC-FID
Water soluble anions	M	Air dried sample	10/06/2019	172	Ion Chromatography
Low range Aliphatic hydrocarbons soil	N	As submitted sample	11/06/2019	181	GC-MS
Low range Aromatic hydrocarbons soil	N	As submitted sample	11/06/2019	181	GC-MS
Total cyanide	M	As submitted sample	10/06/2019	204	Colorimetry
TPH CWG soil by gc-gc	M	As submitted sample	10/06/2019	214	
Asbestos identification	U	Air dried sample	14/06/2019	PMAN	Microscopy
Leachate					
Arsenic	N		12/06/2019	101	ICPMS
Cadmium	N		12/06/2019	101	ICPMS
Chromium	N		12/06/2019	101	ICPMS
Lead	N		12/06/2019	101	ICPMS
Nickel	N		12/06/2019	101	ICPMS
Copper	N		12/06/2019	101	ICPMS
Zinc	N		12/06/2019	101	ICPMS
Mercury	N		12/06/2019	101	ICPMS
Selenium	N		12/06/2019	101	ICPMS
Antimony	N		12/06/2019	101	ICPMS
Barium	N		12/06/2019	101	ICPMS
Molybdenum	N		12/06/2019	101	ICPMS
pH Value	N		12/06/2019	113	Electrometric
Electrical Conductivity	N		12/06/2019	136	Probe
Dissolved Organic Carbon	N		12/06/2019	102	TOC analyser
Chloride	N		12/06/2019	131	Ion Chromatography
Fluoride	N		12/06/2019	131	Ion Chromatography
Sulphate	N		12/06/2019	131	Ion Chromatography
Total Dissolved Solids	N		12/06/2019	144	Gravimetric
Phenol index	N		12/06/2019	121	HPLC
WAC Solids analysis	N				
pH Value	M	Air dried sample	11/06/2019	113	Electrometric
Total Organic Carbon	N	Air dried sample	11/06/2019	210	IR
Loss on Ignition	M	Air dried sample	12/06/2019	129	Gravimetric
Acid Neutralization Capacity to pH 7	N	Air dried sample	11/06/2019	NEN 737	Electrometric
Total BTEX	M	As submitted sample	11/06/2019	181	GCMS
Mineral Oil	M	As submitted sample	10/06/2019	117	GCFID
Total PCBs (7 congeners)	M	Air dried sample	11/06/2019	120	GCMS
Total PAH (17)	N	As submitted sample	12/06/2019	133	GCFID

Tests marked N are not UKAS accredited

Report Information

Report No.: 19-23403, issue number 1

Key

U	hold UKAS accreditation
M	hold MCERTS and UKAS accreditation
N	do not currently hold UKAS accreditation
^	MCERTS accreditation not applicable for sample matrix
*	UKAS accreditation not applicable for sample matrix
S	Subcontracted to approved laboratory UKAS Accredited for the test
SM	Subcontracted to approved laboratory MCERTS/UKAS Accredited for the test
NS	Subcontracted to approved laboratory. UKAS accreditation is not applicable.
I/S	Insufficient Sample
U/S	Unsuitable sample
n/t	Not tested
<	means "less than"
>	means "greater than"

Soil sample results are expressed on an air dried basis (dried at < 30°C), and are uncorrected for inert material removed.

ELAB are unable to provide an interpretation or opinion on the content of this report.

The results relate only to the sample received.

PCB congener results may include any coeluting PCBs

Uncertainty of measurement for the determinands tested are available upon request

Unless otherwise stated, sample information has been provided by the client

Deviation Codes

a	No date of sampling supplied
b	No time of sampling supplied (Waters Only)
c	Sample not received in appropriate containers
d	Sample not received in cooled condition
e	The container has been incorrectly filled
f	Sample age exceeds stability time (sampling to receipt)
g	Sample age exceeds stability time (sampling to analysis)

Where a sample has a deviation code, the applicable test result may be invalid.

Sample Retention and Disposal

All soil samples will be retained for a period of one month

All water samples will be retained for 7 days following the date of the test report

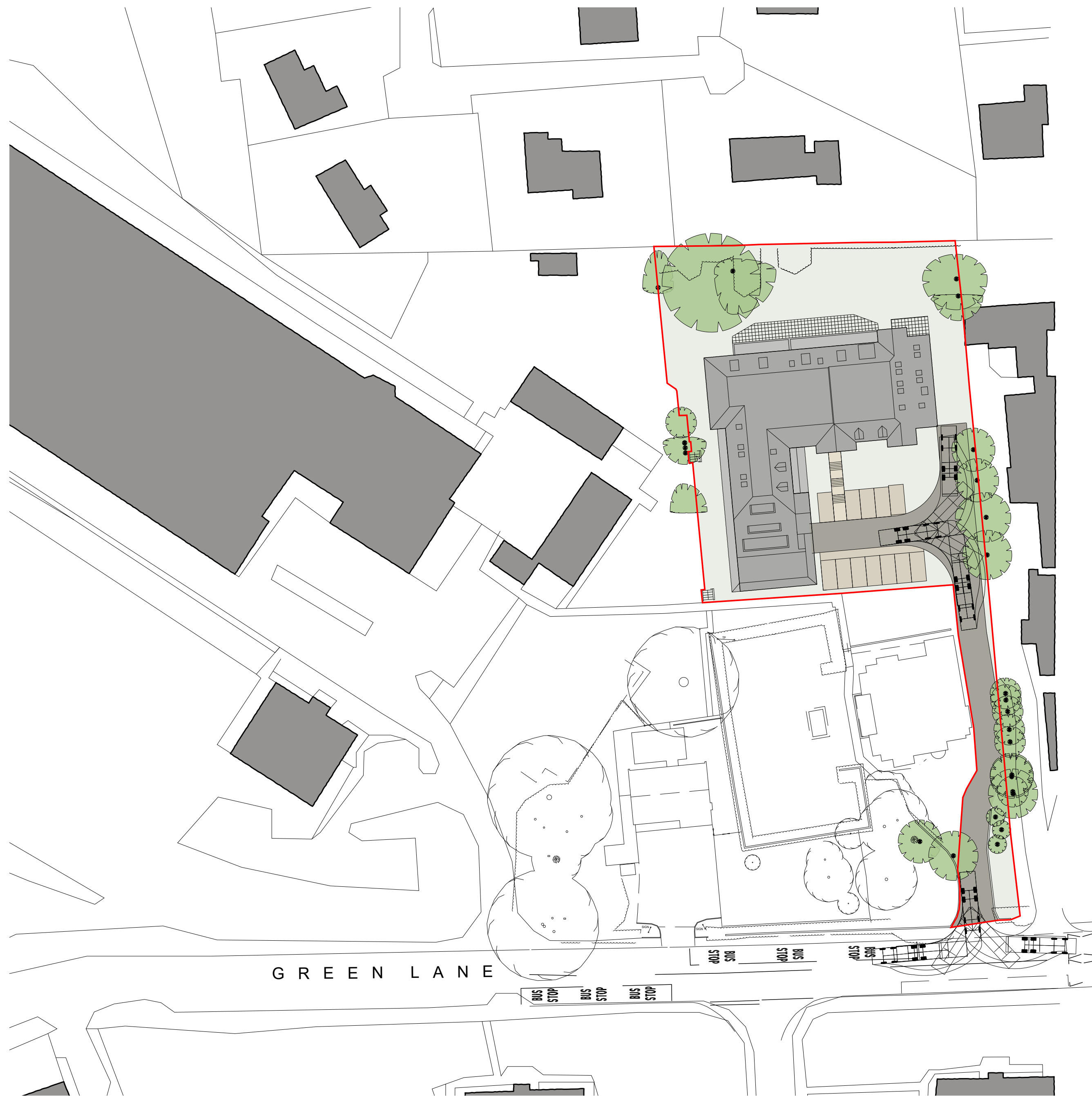
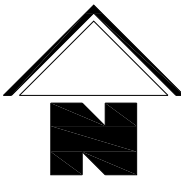
Charges may apply to extended sample storage



Project Name: London School of Theology, Green Lane, Northwood, London HA6 2UW

Date : June 2019

[illegible]



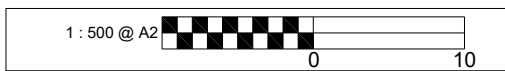
Rev	Date	Description



FLUENT
ARCHITECTURAL DESIGN SERVICES

221 CLARE ROAD, STAINES,
MIDDLESEX, TW19 7ET
TEL: 01784 391674 MOB: 07841 848473
E-MAIL: EDMILLIN@FLUENTADS.CO.UK
WEB: FLUENTADS.CO.UK

Client :
Westcombe Homes Ltd
LST Site C, Green Lane, Northwood
Proposed Site Layout



Scale 1:500 @ A2	Dwg No. FLU.249.3A.02
Date 11.10.16	Rev
Drawn N.Millin	

Key



Borehole Location



RISK MANAGEMENT LIMITED
Unit 10 Coopers Place, Combe Lane,
Godalming, Surrey GU8 5SZ
Tel : 01883 343572

Title :

**SKETCH FIELDWORK
LOCATION PLAN**

Project Location : London School of Theology, Green Lane, Northwood,
London HA6 2UW

Report
Date : June 2019

Scale : NTS

Drawn By : MSP

Drg. No. RML 6980 /1

APPENDIX D

Site investigation letter report

Risk Management Limited, March 2022

23rd March 2022

MSP/RML 8081

Westcombe Group
Unit 7 Churchill Court
58 Station Road
Harrow
HA2 7SA

For the attention of Sunil Pankhania

Dear Sunil,

**LONDON SCHOOL OF THEOLOGY, GREEN LANE,
NORTHWOOD, HA6 2UW**

Further to your recent instructions, we confirm that we attended the above noted site on Wednesday 23rd February 2022 in order to carry out investigative fieldwork and on Tuesday 22nd March in order to carry out a groundwater monitoring visit.

We now have pleasure in enclosing the following factual information.

1. *Drive-in-Sampler Borehole Record (DIS7).*
2. *Groundwater Monitoring Results Sheet*
3. *Sketch Fieldwork Location Plan, RML 8081/1*

The ground conditions encountered are presented on the appended Drive-in-Sampler Borehole Record.

The borehole was undertaken at basement formation level. Groundwater was not encountered during boring. Following completion of the borehole a 3m deep groundwater monitoring standpipe was installed. The standpipe was checked before leaving site and was found to be dry. A further visit was undertaken on Tuesday 22nd March 2022 in order to monitor the standpipe for groundwater and was found to be dry.

We trust that you will find the enclosed self-explanatory, however, should you have any queries please do not hesitate to contact the writer at the above noted address.

yours faithfully,
for RISK MANAGEMENT LIMITED




Richard Price B.Sc. (Hons), F.G.S., M.I.Env.Sc.
Project Manager

Borehole Log

Borehole No.
DIS7
Sheet 1 of 1

Project No.	RML 8039	Coordinates:	Drilling Technique:	Level (m):
			Drive-in-Sampler	
Site Address:	London School of Theology, Green Lane, Northwood	Date:	Diameter (mm):	Scale:
		23/02/2022	80	1:25

	Stratum Description	Legend	Depth (m)	Level (m)	Samples and In Situ Testing				Water Strikes	Well
					Depth (m)	Sample Type	Test Type	Results		
1	Orange-brown mottled grey and red-brown silty CLAY with occasional fragments of siltstone.									
	<i>becoming grey mottled orange-brown in colour from 1.00m depth</i>									
2										
3	Borehole terminated at 3.00m depth		3.00							
4										
5										

Remarks:	Groundwater not noted during boring. Standpipe installed to 3.00m depth.	KEY D = Disturbed Sample U = Undisturbed Sample B = Bulk Sample W = Water Sample CPT = Cone Penetration Test SPT = Standard Penetration Test V = Vane Test PP = Pocket Penetrometer MEXE = Insitu CBR test	
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Project Name: London School of Theology, Green Lane, Northwood, London HA6 2UW

Project No. : RML 8081

Date : **March 2022**

BH	Date							Groundwater
No.								Level
								(m)

[illegible]

Key



Borehole Location



RISK MANAGEMENT LIMITED
Unit 10 Coopers Place, Combe Lane,
Godalming, Surrey GU8 5SZ
Tel : 01883 343572

Title :

**SKETCH FIELDWORK
LOCATION PLAN**

Project Location : London School of Theology, Green Lane, Northwood,
London HA6 2UW

Report
Date : March 2022

Scale : NTS

Drawn By : MSP

Drg. No. RML 8081 /1