



Geotechnical Testing Analysis Report



environmental +
claims mgmt +
subsidence +
drainage +



Summary Of Claim Details

Policy Holder	[Redacted]
Risk Address	23 Laurier Road London NW5 1SH
SI Date	27/09/2018
Issue Date	28/09/2018
Report Date	15/10/2018
Auger Reference	[Redacted]
Insurance Company	Legal & General Insurance
LA Claim Reference	[Redacted]
LA Co. Reference	Cunningham, Lindsey

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	Checked	15/10/2018	Wayne Honey	[Redacted]
	Approved	15/10/2018	Ben Sharp	[Redacted]





SUMMARY OF SOIL CLASSIFICATION TESTS
BRE Information Paper IP 4/93 February 1993 (CI/SfB p1)



GSTL Contract Number	[Redacted]
Risk Address	23 Laurier Road London NW5 1SH
Auger Reference	[Redacted]
Remarks	D - Disturbed (Recompacted 2.5kg Rammer), U - Undisturbed Sample

TH Trial Hole	Depth (m)	Filter Paper Location	Filter Paper	Sample Prep Method	Test Duration (Days)	Water Content (%)	Soil Suction Pk (kPa)	Average Soil Suction Pk (kPa)	Remarks
TH1	1.10	Top	I	D	5	31.7	737	742	
TH1	1.10	Middle	II	D	5	31.7	743		
TH1	1.10	Bottom	III	D	5	31.6	746		
TH1	1.60	Top	I	D	5	32.1	696	687	
TH1	1.60	Middle	II	D	5	32.6	653		
TH1	1.60	Bottom	III	D	5	31.9	713		
TH1	2.10	Top	I	D	5	30.2	915	931	
TH1	2.10	Middle	II	D	5	29.8	972		
TH1	2.10	Bottom	III	D	5	30.3	905		
TH1	2.60	Top	I	D	5	31.5	755	748	
TH1	2.60	Middle	II	D	5	31.7	737		
TH1	2.60	Bottom	III	D	5	31.6	750		
TH2	1.50	Top	I	D	5	28.7	1130	1100	
TH2	1.50	Middle	II	D	5	28.9	1110		
TH2	1.50	Bottom	III	D	5	29.1	1070		
TH2	2.00	Top	I	D	5	25.3	1840	1760	
TH2	2.00	Middle	II	D	5	25.5	1790		
TH2	2.00	Bottom	III	D	5	26.0	1660		
TH2	2.50	Top	I	D	5	24.8	1990	1980	
TH2	2.50	Middle	II	D	5	25.0	1930		
TH2	2.50	Bottom	III	D	5	24.7	2010		

Test Operator	Checked	15/10/2018	Wayne Honey	[Redacted]
Conor Davison	Approved	15/10/2018	Ben Sharp	[Redacted]



Oedometer Results

Borehole No: 1				
Location 23 Laurier Road London NW5 1SH				
Depth (m)	Sample No & Comments	Moisture Content %	STRAIN	Dd (mm)
1.10		29	0.0402	80.45
2.10		34	0.0141	28.15
				108.60

Total Column Dd : 108.60 mm Therefore Free Surface Heave Potential Over B/H is about 0cm to 11cm

Borehole No: 2				
Location 23 Laurier Road London NW5 1SH				
Depth (m)	Sample No & Comments	Moisture Content %	STRAIN	Dd (mm)
1.50		21	-0.0331	-66.10
2.50		28	0.0456	91.20
				25.10

Total Column Dd : 25.10 mm Therefore Free Surface Heave Potential Over B/H is about 0cm to 25cm



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