



Geotechnical Testing Analysis Report



environmental +
claims mgmt +
subsidence +
drainage +



Summary Of Claim Details

Policy Holder	[Redacted]
Risk Address	18 College Crescent London NW3 5LL
SI Date	12/12/2018
Issue Date	12/12/2018
Report Date	17/01/2019
Auger Reference	[Redacted]
Insurance Company	[Redacted]
LA Claim Reference	[Redacted]
LA Co. Reference	Questgates Subsidence

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	Checked	17/01/2019	Wayne Honey	[Redacted]
	Approved	17/01/2019	Ben Sharp	[Redacted]



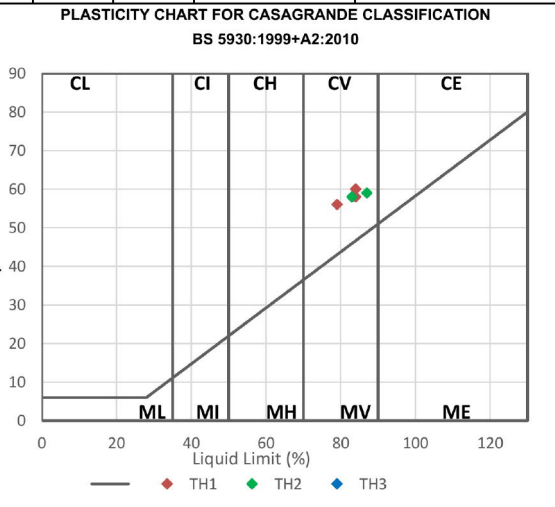
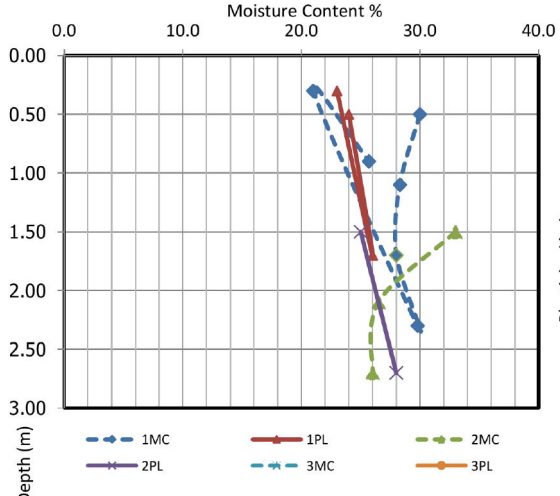


LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX (BS 1377 : Part 2 : 1990 Method 5)



GSTL Contract Number	[REDACTED]	
Risk Address	18 College Cresent London NW3 5LL	
Auger Reference	[REDACTED]	
Remarks	NP - (Non-Plastic), # - (Liquid Limit and Plastic Limit Wet Sieved)	

TH Trial Hole	Sample Type	Depth (m)	Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity index %	Passing .425mm %	NHBC Chapter 4.2	Remarks
TH1	D	0.50	30	84	24	60	77	HIGH VCP	CV Very High Plasticity
TH1	D	1.10	28	84	26	58	71	HIGH VCP	CV Very High Plasticity
TH1	D	1.70	28	84	26	58	71	HIGH VCP	CV Very High Plasticity
TH1	D	2.30	30	84	26	58	71	HIGH VCP	CV Very High Plasticity
TH2	D	0.30	21	79	23	56	69	HIGH VCP	CV Very High Plasticity
TH2	D	0.90	26	83	25	58	66	HIGH VCP	CV Very High Plasticity
TH2	D	1.50	33	83	25	58	66	HIGH VCP	CV Very High Plasticity
TH2	D	2.10	27	87	28	59	73	HIGH VCP	CV Very High Plasticity
TH2	D	2.70	26	87	28	59	73	HIGH VCP	CV Very High Plasticity



Modified Plasticity Index (PI) <10	: Non Classified
Modified PI = 10 to <20	: Low volume change potential (LOW VCP)
Modified PI = 20 to <40	: Medium volume change potential (Med VCP)
Modified PI = 40 or greater	: High volume change potential (HIGH VCP)

The Atterberg Limits May also be used to classify the volume change potential of fine soils using the National House building system, as given in the NHBC's Standards Chapter 4.2 (2003) "Building Near Trees"

Test Operator	Checked	17/01/2019	Wayne Honey
Conor Davison	Approved	17/01/2019	Ben Sharp





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



environmental →
claims mgmt →
subsidence →
drainage →

GSTL Contract Number	[REDACTED]
Risk Address	18 College Crescent London NW3 5LL
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	0.50	Top	I	D	5	39.6	237	224	
TH1	0.50	Middle	II	D	5	40.2	218		
TH1	0.50	Bottom	III	D	5	40.2	218		
TH1	1.70	Top	I	D	5	41.4	183	203	
TH1	1.70	Middle	II	D	5	40.4	214		
TH1	1.70	Bottom	III	D	5	40.4	214		
TH2	0.30	Top	I	D	5	43.8	131	126	
TH2	0.30	Middle	II	D	5	44.2	123		
TH2	0.30	Bottom	III	D	5	44.1	125		
TH2	1.50	Top	I	D	5	43.8	131	126	
TH2	1.50	Middle	II	D	5	44.2	123		
TH2	1.50	Bottom	III	D	5	44.2	124		
TH2	2.70	Top	I	D	5	29.1	1070	862	
TH2	2.70	Middle	II	D	5	31.5	760		
TH2	2.70	Bottom	III	D	5	31.6	754		

Test Operator	Checked	17/01/2019	Wayne Honey	[REDACTED]
Conor Davison	Approved	17/01/2019	Ben Sharp	[REDACTED]



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