



Geotechnical Testing Analysis Report



environmental +
claims mgmt +
subsidence +
drainage +



Summary Of Claim Details

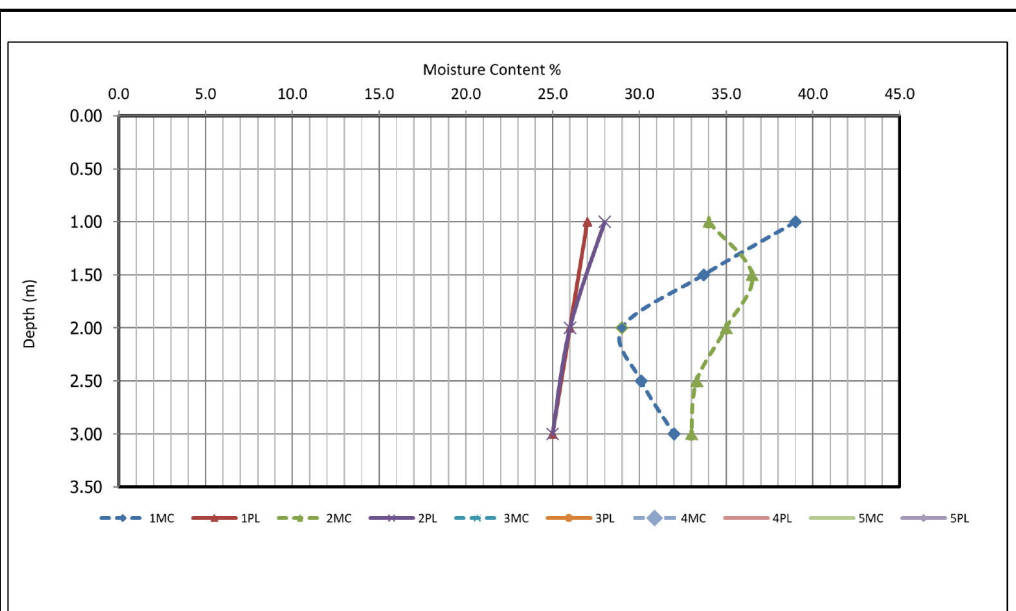
Policy Holder	Unknown
Risk Address	Unknown
SI Date	12/11/2019
Issue Date	12/11/2019
Report Date	29/11/2019
Auger Reference	
Insurance Company	Axa Commerical
LA Claim Reference	
LA Co. Reference	Crawford & Co

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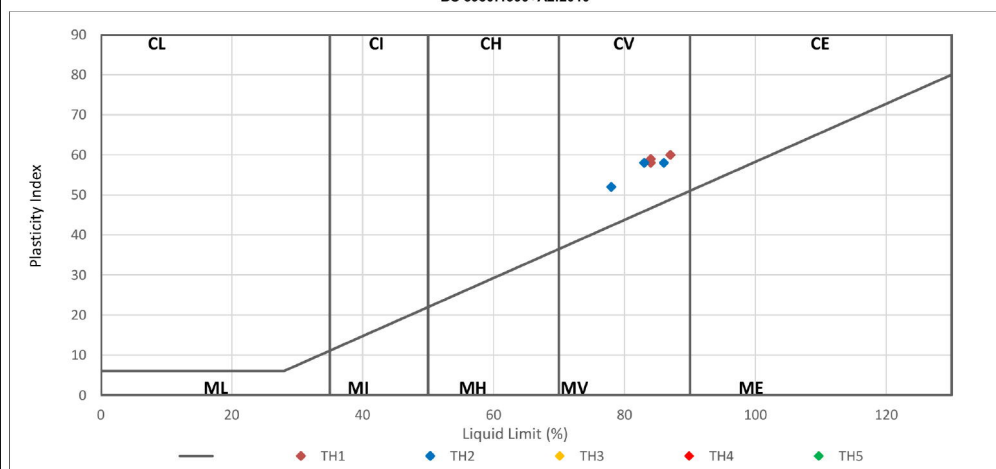
	Checked	29/11/2019	Wayne Honey
	Approved	29/11/2019	Paul Evans







PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION
BS 5930:1999+A2:2010



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	29/11/2019	Wayne Honey
Luke Williams	Approved	29/11/2019	Paul Evans



Oedometer Results

Borehole No:	1			
Location	Unknown			
Depth (m)	Sample No & Comments	Moisture Content %	STRAIN	Dd (mm)
1.00		39	-0.0097	-19.44
1.50		34	0.0200	19.97
2.00		29	0.0005	0.47
2.50		30	0.0018	1.76
3.00		32	0.0007	0.67
				3.43

Total Column Dd : 3.43 mm Therefore Free Surface Heave Potential Over B/H is about 3.43mm

Borehole No:	2			
Location	Unknown			
Depth (m)	Sample No & Comments	Moisture Content %	STRAIN	Dd (mm)
1.00		34	-0.0097	-19.48
1.50		37	0.0041	4.07
2.00		35	0.0031	3.07
2.50		33	0.0020	2.03
3.00		33	0.0016	1.63
				-8.69

Total Column Dd : -8.69 mm Therefore Free Surface Heave Potential Over B/H is about 0mm

