





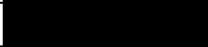

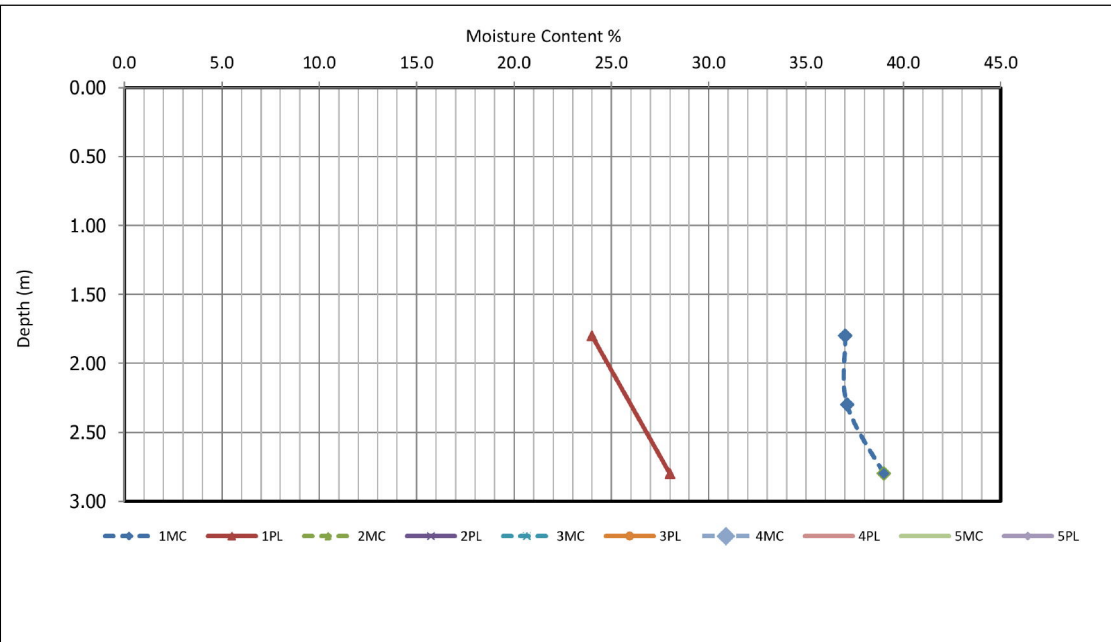
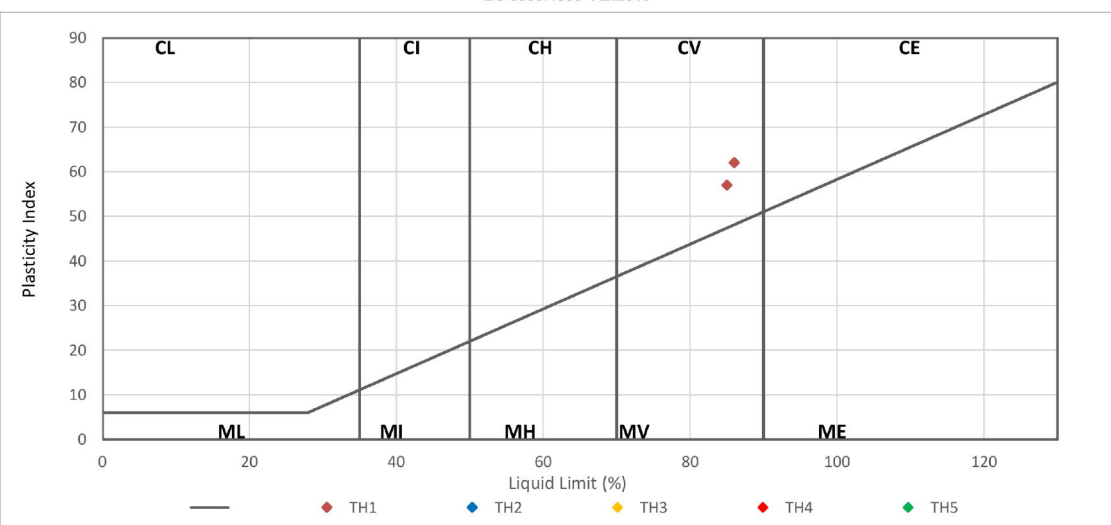
		Geotechnical Testing Analysis Report		 <div> environmental claims mgmt subsidence drainage </div>	
					
<p align="center"><u>Summary Of Claim Details</u></p>					
Policy Holder		Unknown			
Risk Address		Unknown			
SI Date		15/10/2019			
Issue Date		15/10/2019			
Report Date		31/10/2019			
Auger Reference					
Insurance Company		UK Insurance Partners			
LA Claim Reference					
LA Co. Reference		Sedgwick International UK			
<p>This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.</p>					
	Checked	31/10/2019	Wayne Honey		
	Approved	31/10/2019	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	31/10/2019	Wayne Honey
Luke Williams	Approved	31/10/2019	Paul Evans



GSTL Contract Number		
Risk Address		
Auger Reference		
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)	Cumulative Heave Potential (mm) from bottom of the hole
TH1	1.80	Top	I	D	5	63.5	38	38.7	0
TH1	1.80	Middle	II	D	5	61.0	42		
TH1	1.80	Bottom	III	D	5	64.6	36		
TH1	2.30								
TH1	2.30								
TH1	2.30								
TH1	2.80	Top	I	D	5	36.0	396	315	7
TH1	2.80	Middle	II	D	5	39.2	253		
TH1	2.80	Bottom	III	D	5	38.1	294		

Heave potential is calculated from the bottom of the hole and heaves above the bottom of the hole are reported as a cumulative value.

The values reported for heave above only apply to the strata the suction and plasticity have been performed on. The shallowest depth reported is assumed to be a strata thickness to GL and Heave is calculated based on that layer thickness, if the next sample is in 0.5m increments the heave is calculated based on the layer thickness of 0.5m and depths 1m from the sample above will include heave over 1m.

Consideration should be made for other stratas where values are not reported and when working out the heave potential over the entire trial hole.

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