GSTL	Geotechnical Testing Analysis Report	environmental + dalms ngmt + subsidence + drainage +

Summary Of Claim Details					
Policy Holder	Unknown				
Risk Address	Unknown				
SI Date	12/09/2019				
Issue Date	12/09/2019				
Report Date	28/09/2019				
Auger Reference					
Insurance Company	LV=				
LA Claim Reference					
LA Co. Reference	Crawford & Co				

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.

Checked 28/09/2019 Wayne Hor	ney
Approved 28/09/2019 Paul Evan	ns



GSTL	LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX (BS 1377 : Part 2 : 1990 Method 5) DESCRIPTIONS	@auger	environmental. + claims mgmt. + subsidence. + drainage. +
GSTL Contract Number			
Risk Address	Unknown		
Auger Reference			

TH	Sample	Depth (m)	Sample Description
Trial Hole	Туре	,	position positioned. Process
TH1	D	0.50	Brown sandy fine to medium gravelly silty CLAY
TH1	D	1.00	Brown sandy fine to medium gravelly silty CLAY
TH1	D	1.50	Brown fine to medium gravelly silty CLAY
TH1	D	2.00	Brown sandy fine to medium gravelly silty CLAY
TH1	D	2.50	Brown fine to medium gravelly silty CLAY
TH2	D	0.30	Brown sandy fine to medium gravelly silty CLAY
TH2	D	0.80	Brown sandy fine to medium gravelly silty CLAY
TH2	D	1.30	Brown sandy fine to medium gravelly silty CLAY
TH2	D	1.80	Brown sandy fine to medium gravelly silty CLAY
TH2	D	2.30	Brown fine to medium gravelly silty CLAY
1112	-	2.50	Brown line to medium gravery sitty CEAT
	-		
	-		
	\vdash		
	-		
	1	I	I and the second se

Test Operator	Checked	28/09/2019	Wayne Honey
Luke Williams	Approved	28/09/2019	Paul Evans



GSTL	LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX (BS 1377 : Part 2 : 1990 Method 5)	environmental. dalins ingret + subsidence + drainage +
GSTL Contract Number		
Risk Address	Unknown	
Auger Reference		
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	27	74	24	50	92	HIGH VCP	CV Very High Plasticity
TH1	D	1.00	30						
TH1	D	1.50	27	80	23	57	94	HIGH VCP	CV Very High Plasticity
TH1	D	2.00	23						
TH1	D	2.50	27	81	22	59	90	HIGH VCP	CV Very High Plasticity
TH2	D	0.30	25	74	22	52	94	HIGH VCP	CV Very High Plasticity
TH2	D	0.80	26						
TH2	D	1.30	28	82	25	57	94	HIGH VCP	CV Very High Plasticity
TH2	D	1.80	28						
TH2	D	2.30	28	79	25	54	89	HIGH VCP	CV Very High Plasticity
	-								
	<u> </u>								

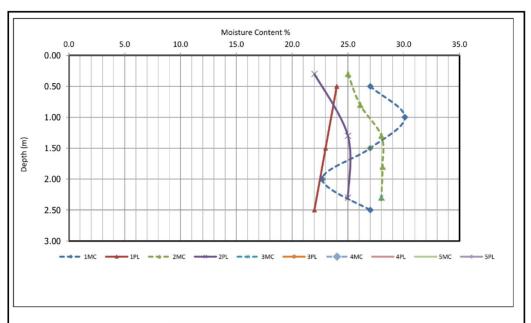
: Non Classified

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

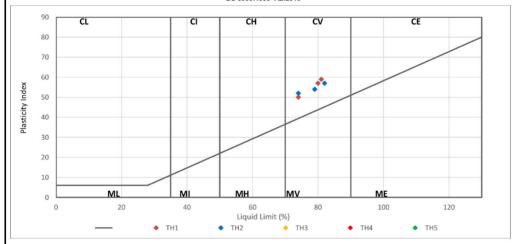
The Atterberg Limits May also be used to classify the volume change potential of fine soils using the National House building system, as given in the NHBC's Standards Chapter 4.2 (2003) "Building Near Trees"

	Test Operator	Checked	28/09/2019	Wayne Honey
l	Luke Williams	Approved	28/09/2019	Paul Evans
ı				





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



Modified Plasticity Index (PI) <10

: Non Classified

: Low volume change potential (LOW VCP)

Modified PI = 10 to <20 Modified PI = 20 to <40 Modified PI = 40 or greater

: Medium volume change potential (Med VCP) : 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	28/09/2019	Wayne Honey
Luke Williams	Approved	28/09/2019	Paul Evans

