

Liquid limit (cone penetrometer) and plastic limit

Location	Job ref.	
	BH No	
Soil description	Smple No	
	Depth	m
Test method BS1377: Part 2: 1990: 4.3/4.4	Date	

Plastic Limit	Test No.	1	2	3	4	Average
Container no.						
Mass of wet soil + container	g					
Mass of dry soil + container	g					
Mass of Container	g					
Mass of Moisture	g					
Mass of dry Soil	g					
Moisture Content	%					

Liquid Limit	Test No.	1	2	3	4
Initial dial guage reading	mm				
Final dial gauge reading	mm				
Average penetration	mm				
Container no.					
Mass of wet soil + container	g				
Mass of dry soil + contaier	g				
Mass of container	g				
Mass of moisture	g				
Mass of Dry Soil	g				
Moisture Content	%				

	Sample Preparation *	
	as received	
	washed on 425 um sieve	
	air dried at deg C	
	oven dried at deg C	
	not known	
	proportion retained on 425um sieve %	
	Liquid Limit	%
	Plastic Limit	%
	Plasticity Index	
	Delete as appropriate	
	Operator	Checked
		Approved