

ATTERBERG LIMITS TEST

BS1377-2: 1990: Clause 4.3, 5.3

Client: _____

Date tested: _____

Project: _____

Sample Ref: _____

Sample Type: _____

LIQUID LIMITS

TEST NUMBER	1	2	3
Cone penetration (mm)			
Average penetration (mm)			
Container No.			
Container weight (gm)			
Wet soil + container (gm)			
Wet soil (gm), W_w			
Dry soil + container (gm)			
Dry soil (gm), W_d			
Moisture loss (gm), $W_w - W_d$			
Moisture content (%), $(W_w - W_d)/W_d$			
Average moisture content (%)			

PLASTIC LIMITS:

LINEAR SHRINKAGE :

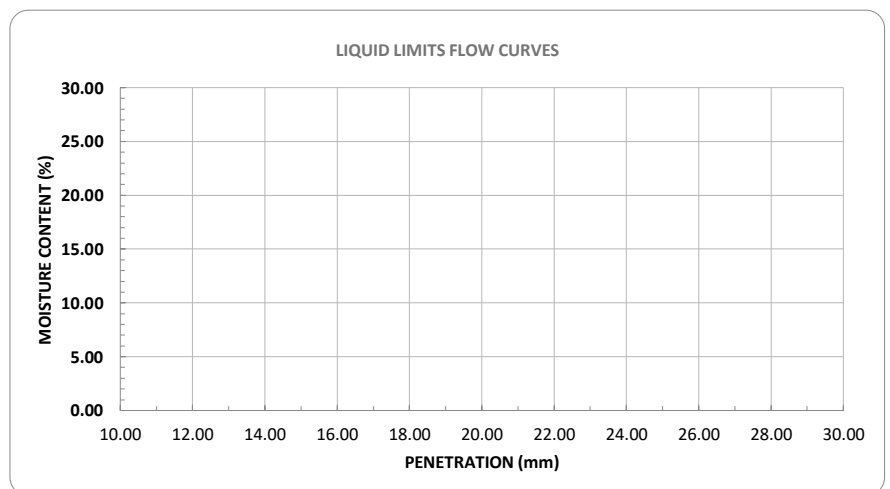
TEST NUMBER	1	2	SAMPLE DESCRIPTION		
Container No.					
Container weight (gm)			Initial Length, L_o	mm	
Wet soil + container (gm)					
Wet soil (gm), W_w			Oven-dried Length, L_D	mm	
Dry soil + container (gm)					
Dry soil (gm), W_d			Clause 6.5.5 Linear Shrinkage = $\left(1 - \frac{L_D}{L_o}\right) \times 100$	%	
Moisture loss (gm), $W_w - W_d$					
Moisture content (%), $(W_w - W_d)/W_d$					
Average moisture content (%)					

SUMMARY:

Liquid limit (%) _____

Plastic Limit (%) _____

Plasticity Index,
PI = LL - PL _____



Tested by: _____

Checked by: _____

Date: _____

Date: _____