

Laboratory Test Sheet

PLATE BEARING TEST

Client : Alfred McAlpine Civil Engineering
 Client Ref : 12345 Lab. Ref : 10073
 Supplier :
 Material Type : Sub-base
 Material Name : Type 1 Sub-base

Site : Stanton North Phase II
 Job No : B4240/96V Date Received : 04/09/1996
 Source :
 Specification : Type 1 Sub-base
 Stone Type : Not Known

Jack Device No. Dial Gauge No. (1) Dial Gauge No. (2) Dial Gauge No. (3)	Unsoaked/soaked As appropriate*
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Load on Jack	Adjusted KN on Plate	Dial Gauge Readings			Average Dial Gauge Reading
		Dial Gauge 1	Dial Gauge 2	Dial Gauge 3	
0					
30					
40					
50					
60					
80					
0					

Weight of Wet Soil and Mould + Baseplate (W1)	=	g			
Weight of Mould + Baseplate (W2)	=	g			
Weight of Wet Soil (W3)	=	g			
(d) Bulk Density (W3 x 0.434)/100	=	Mg/m3	Dry Density	$\frac{d \times 100}{(100 + W)}$	= Mg/m3
Container No.					
Mass of Wet Soil + Container (M2)	g				
Mass of Dry Soil + Container (M3)	g				
Mass of Container (M1)	g				
Mass of Moisture (M2)	g				
Mass of Dry Soil (M3 - M1)	g				
Moisture Content W = $\frac{(M2 - M3)}{(M3 - M1)} \times 100$	%				
Average Moisture Content					

<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> CBR Value: </div> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="border: 1px solid black; padding: 2px;">k =</td></tr> <tr><td style="border: 1px solid black; padding: 2px;">CBR =</td></tr> </table> <p>Equipment Check <input type="checkbox"/></p> <p>Calibration Check <input type="checkbox"/></p> <p>Sieve Check <input type="checkbox"/></p>	k =	CBR =	<div style="border: 1px solid black; height: 150px; margin: 10px auto; width: 90%; text-align: center;"> Plate Bearing Test (graph) </div>
k =			
CBR =			

Comments : _____
 Tested By : _____ Date : _____ Checked By : _____ Date : _____
 Check Level (1/2/3)

Notes : * Delete as applicable