

**In-situ Californian Bearing Ratio**

Location	Job ref.	
	Test no.	
Soil description	Sample no.	
Test Method	Date	
BS 1377 : Part 9 : 1990 : 4.3		

NOTE: Test applicable only when maximum particle size beneath plunger does not exceed 20 mm

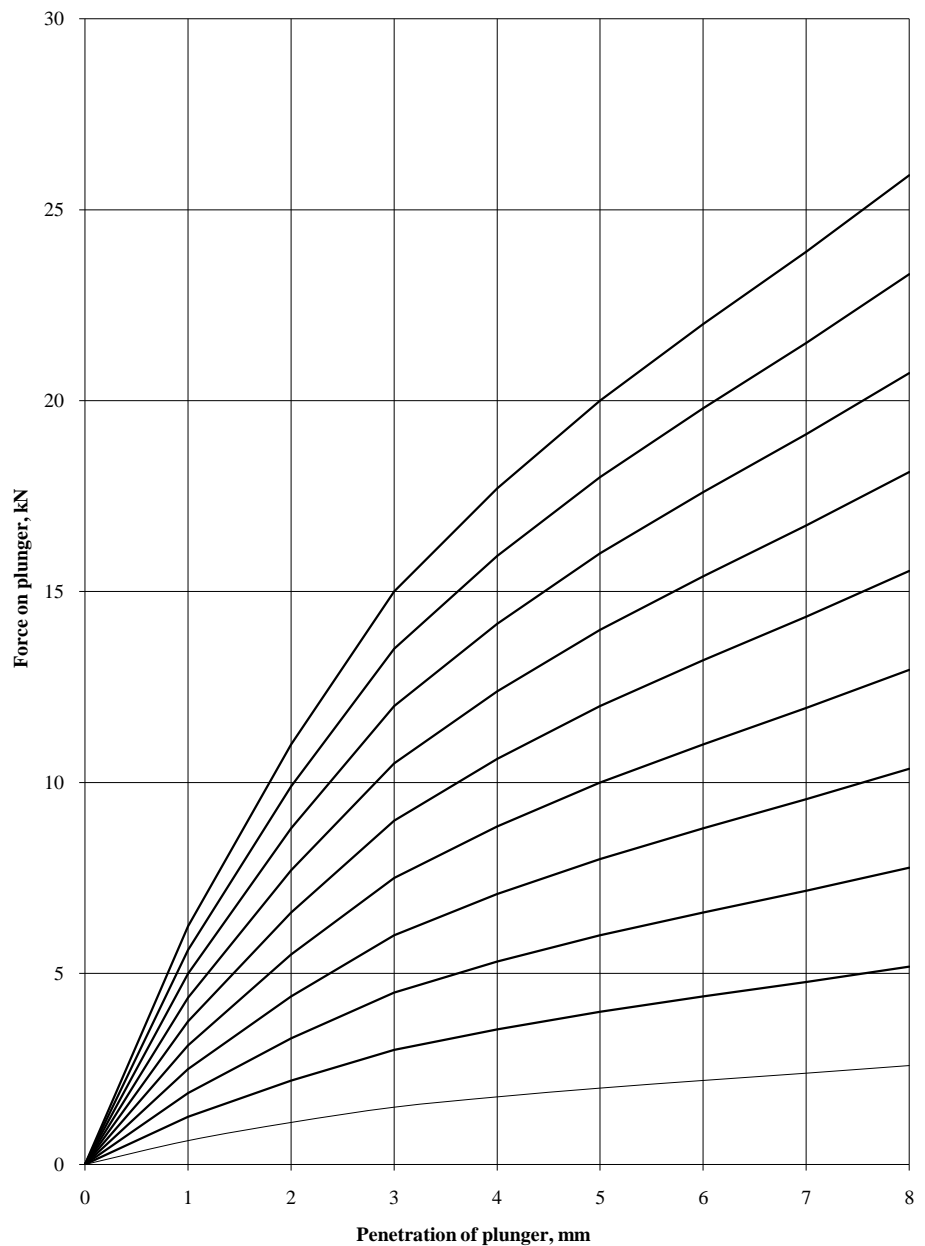
Area of annulus of disc used	mm <sup>2</sup>	Jack/load ring no.
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Mass of surcharge	kg	Calibration ref.
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RECORDINGS	Moisture content of sample	%
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NOTE : Penetration and force reading after seating load zeroed.

Penetration of plunger mm	Force on plunger	
	Load gauge	kN
0.25		
0.5		
0.75		
1		
1.25		
1.5		
1.75		
2		
2.25		
2.5		
2.75		
3		
3.25		
3.5		
3.75		
4		
4.25		
4.5		
4.75		
5		
5.25		
5.5		
5.75		
6		
6.25		
6.5		
6.75		
7		
7.25		
7.5		



**RESULTS**

Penetration	Force	Standard force	CBR
mm	kN	kN	%
2.5		13.2	
5.0		20.0	

In-situ CBR value	%
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Operator	Checked	Approved