CALIFORNIA BEARING RATIO (CBR)

Group No.	No. of Blows	Wt. of mold+ base plate (gm)	Wt. of compacted sample+ mold+base plate	Wt. of compacted sample (gm)	Wet Density (pcf)	Wt. of Can (gm)	Wt. of Can+Wet Sample (gm)	Wt. of Can+Dry Sample (gm)	Moisture Content (%)	Dry Density (pcf)	Soaking	
											Dial Reading	
											Initial	Final

Penetration Dial Reading	Pen(inch)	Load Dial Reading (x)	Actual Load (lb)	Stress (psi)
63.5	0.025			
127	0.05			
190.5	0.075			
254	0.1			
317.5	0.125			
381	0.15			
444.5	0.175			
508	0.2			
635	0.25			
762	0.3			

Volume of the compacted sample=

Area of the Plunger=

Calibration of the Proving Ring=

Penetration Dia Constant=