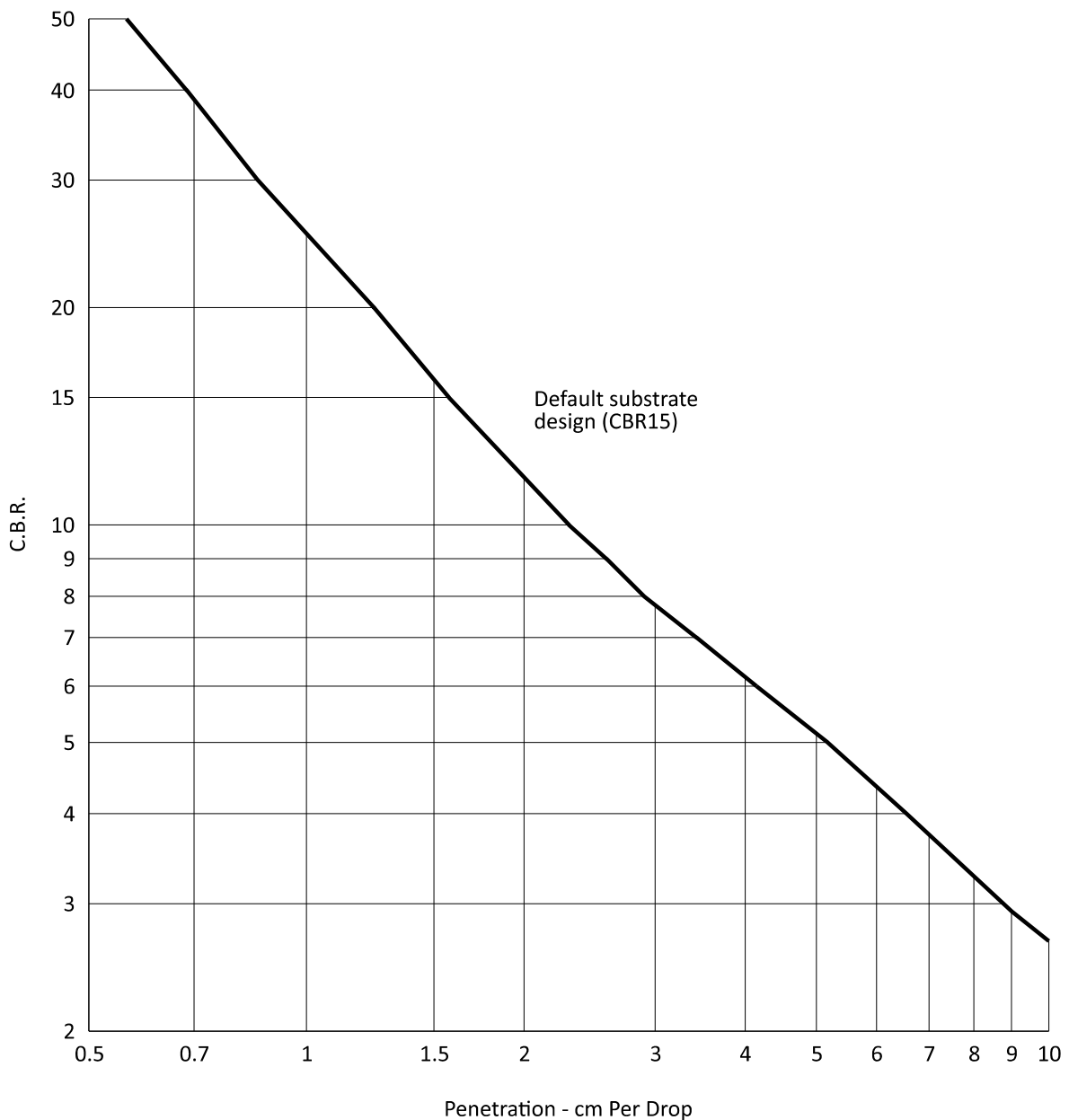


**NOTES:**

1. C.B.R. values obtained from the ground are not applicable where material contains aggregate greater than 10mm in size.
2. Penetration readings are valid after 75mm of penetration into firm material being tested.
3. To use graph below, count number of blows for each 100mm (10cm) approx. of penetration and divide by number of drops. This gives Penetration (cm per blow).
4. Graphs show C.B.R. (California Bearing Ratio) equivalent values on Hamilton Sand Silt materials.
5. Plot is based on research work undertaken by J.F. Briggs, Senior Engineer, M.W.D., Hamilton.
6. Minimum test depth of 100mm



**SCALA PENETROMETER (9kg Hammer)**