

# Equivalent CBR Value derived from Plate Bearing Test Report

TEST REPORT



## Project Details

**Client:** HOULIHAN & CO (EXCAVATIONS) LTD  
**Client Address:** UNIT J2 BROOKLANDS CLOSE  
SUNBURY ON THAMES  
MIDDLESEX  
TW16 7DX  
**Project:** P252002 - Countrystyle Recycling, Gas Road, Milton, Sittingbourne ME10 2QB

## Report Details

**Report No.:** PLT:SOU25-13361-S014  
**Report Date:** 04/04/2025  
**Issue No.:** 1  
**Recipients:**

## Testing Details

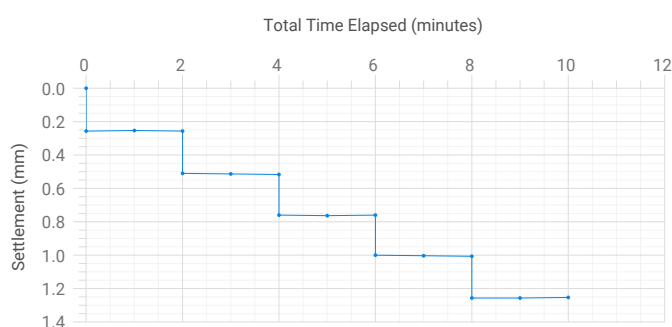
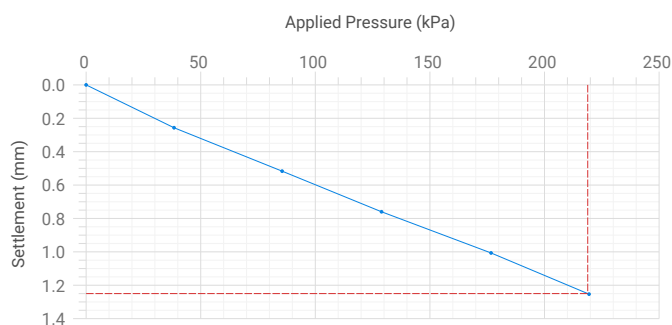
**Date Tested:** 03/04/2025  
**Field Test Methods:** DIHM 301/IAN73/06 Rev 1 (2009)  
**Location:** Gr14  
**Source:** Data Not Supplied  
**Layer Thickness (mm):** Data Not Supplied  
**Kentledge:** 14t  
**Weather:** Dry, Warm, Sunny  
**General Location:** Site  
**Supplier:** Data Not Supplied  
**Material:** crushed rock  
**Depth of Test (mm):** 0  
**Plate Diameter (mm):** 450

## Results

**Pressure at 1.25mm Deformation (kPa):** 219  
**Equivalent CBR by Plate Loading (%):** 33  
**Modulus of Subgrade Reaction (MN/m<sup>2</sup>/m):** 109

## Load Increments

Applied Load (kN)	Applied Pressure (kPa)	Average Plate Settlement (mm)
6.10	38.4	0.26
13.60	85.5	0.52
20.50	129	0.76
28.10	177	1.01
34.90	219	1.25



**Signed:**

**Kevin McQuilliam - Logistics Manager**

For and on behalf of SOCOTEC UK Limited  
Certified that testing was carried out in accordance with the test methods identified herein. This test report may not be reproduced other than in full, except with the prior written approval of the issuing laboratory.

**Signed Date:** 04/04/2025

## Comments

Depth of test is relative to existing ground level at the time of testing.