

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-S007
Report Date: 04/04/2025
Issue No.: 1
Recipients:

Testing Details

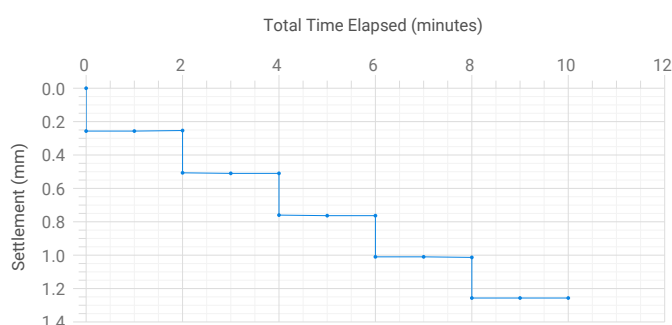
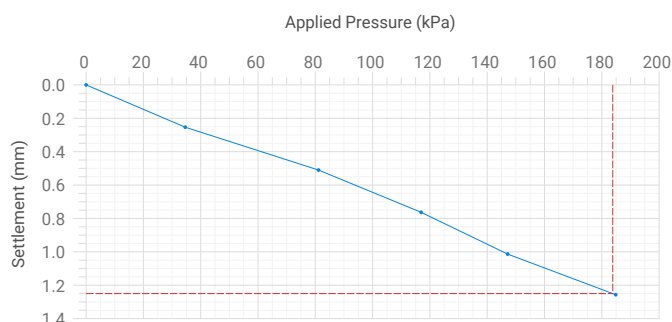
Date Tested: 03/04/2025
Field Test Methods: DIHM 301/IAN73/06 Rev 1 (2009)
Location: Gr7
Source: Data Not Supplied
Layer Thickness (mm): Data Not Supplied
Kentledge: 14t
Weather: Dry, Warm, Sunny
General Location: Site
Supplier: Data Not Supplied
Material: crushed rock
Depth of Test (mm): 0
Plate Diameter (mm): 450

Results

Pressure at 1.25mm Deformation (kPa): 184
Equivalent CBR by Plate Loading (%): 24
Modulus of Subgrade Reaction (MN/m²/m): 91.6

Load Increments

Applied Load (kN)	Applied Pressure (kPa)	Average Plate Settlement (mm)
5.50	34.6	0.25
12.90	81.1	0.51
18.60	117	0.76
23.40	147	1.01
29.40	185	1.26



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.