

Equivalent CBR Value derived from Plate Bearing Test Report

TEST REPORT



Project Details		Report Details	
Client:	HOULIHAN & CO (EXCAVATIONS) LTD	Report No.:	PLT:SOU25-13361-S001
Client Address:	UNIT J2 BROOKLANDS CLOSE SUNBURY ON THAMES MIDDLESEX TW16 7DX	Report Date:	04/04/2025
Project:	P252002 - Countrystyle Recycling, Gas Road, Milton, Sittingbourne ME10 2QB	Issue No.:	1
		Recipients:	

Testing Details			
Date Tested:	03/04/2025	Weather:	Dry, Warm, Sunny
Field Test Methods:	DIHM 301/IAN73/06 Rev 1 (2009)	General Location:	Site
Location:	Gr1	Supplier:	Data Not Supplied
Source:	Data Not Supplied	Material:	crushed rock
Layer Thickness (mm):	Data Not Supplied	Depth of Test (mm):	0
Kentledge:	14t	Plate Diameter (mm):	450

Results			
Pressure at 1.25mm Deformation (kPa):	184	Modulus of Subgrade Reaction (MN/m²/m):	91.7
Equivalent CBR by Plate Loading (%):	24		

Load Increments		
Applied Load (kN)	Applied Pressure (kPa)	Average Plate Settlement (mm)
4.60	28.9	0.26
9.80	61.6	0.52
15.60	98.1	0.76
20.30	128	1.01
29.50	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.