

**TEST REPORT  
 DETERMINATION OF PLATE BEARING CAPACITY**

<b>Project Client</b>		<b>Test No:</b>	3
		<b>Lab Ref No:</b>	TEST 3
		<b>Date Tested</b>	
<b>Technician</b>	PH	<b>Date Reported</b>	
		<b>Weather Conditions</b>	Dry
<b>Location</b>	CHARLESTOWN ROAD	<b>Plate Dia (mm)</b>	600
<b>GPS Coord's</b>	W 6° 25' 21.0", N 54° 27' 28.6"	<b>m to excavation wall</b>	
<b>Material Type</b>	STONE	<b>Depth (m)</b>	0
<b>No Cycles</b>	1	<b>Reaction Type</b>	13T

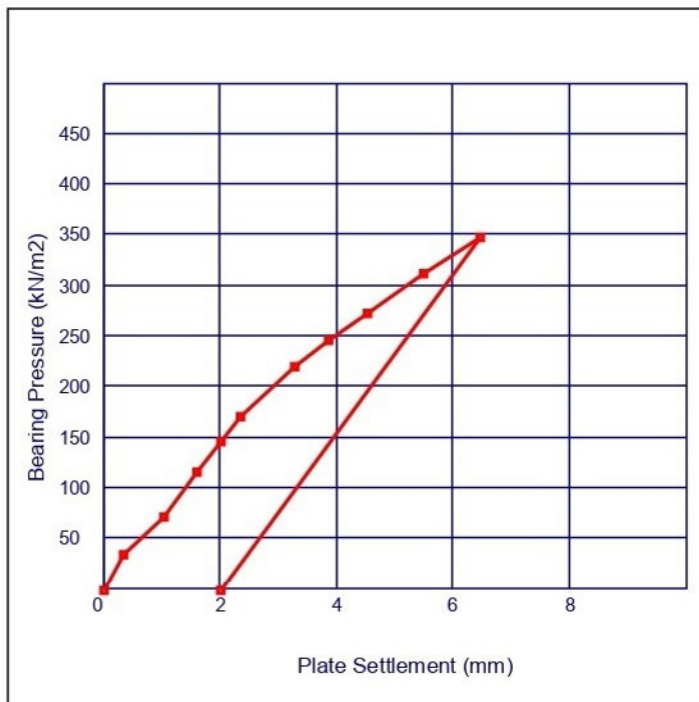


Plate Settlement (mm)	Bearing Pressure (kN/m <sup>2</sup> )
0.00	0.0
0.34	36.1
1.02	73.6
1.59	117.8
2.01	148.1
2.34	172.7
3.27	222.1
3.85	248.1
4.52	274.8
5.48	314.0
6.45	349.9
2.00	0.0

<b>Maximum Applied Pressure (kPa):</b>	<b>Cycle 1</b>
<b>Maximum deformation (mm):</b>	350
<b>Modulus of subgrade reaction K (MN/m<sup>3</sup>):</b>	6.45
<b>K762 (MN/m<sup>3</sup>):</b>	72.9
<b>Estimated CBR (%):</b>	58.7
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**Comments:**

**Approved Signature**  
**Roxborough Construction**  
 Peter Hughes

Plate Load - Tested in accordance with BS 1377 : Part 9 C  
 Moisture Content - Tested in accordance with BS 1377 : P  
*Opinions and interpolations expressed herein are outside the scope of UKAS accreditation*