**RESULTS OF COMPRESSIVE STRENGTH TEST ON CORES**

Source of the sample : Sample Extracted from Site.
Core barrel (mm) : 152
Name of the Work* : Stabilized Road, Adoor, Kerala
Cores extracted on : NA
Cores tested on : 17.11.2018
Layer : Stabilization of Recycled Pavement

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Core ID</th>
<th>Core Locations*</th>
<th>Core length (l) (mm)</th>
<th>Core Dia (d) (mm)</th>
<th>Core Wt.** (Kg.)</th>
<th>Load (kN)</th>
<th>Core comp. Strength # (N/sq.mm)</th>
<th>l/d Ratio</th>
<th>Correction factor for (l/d) ratio+</th>
<th>Corrected Cyl. comp. Strength (N/sq.mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>C-6</td>
<td>NA</td>
<td>176</td>
<td>144</td>
<td>6.240</td>
<td>109.50</td>
<td>6.72</td>
<td>1.22</td>
<td>0.914</td>
<td>6.1</td>
</tr>
<tr>
<td>2</td>
<td>C-5</td>
<td>NA</td>
<td>173</td>
<td>144</td>
<td>6.301</td>
<td>137.95</td>
<td>8.47</td>
<td>1.20</td>
<td>0.912</td>
<td>7.7</td>
</tr>
<tr>
<td>3</td>
<td>C-1</td>
<td>NA</td>
<td>169</td>
<td>144</td>
<td>6.210</td>
<td>110.80</td>
<td>6.80</td>
<td>1.17</td>
<td>0.909</td>
<td>6.2</td>
</tr>
</tbody>
</table>

**Core length / weight after trimming and capping: Core length may increase or decrease when compared to extracted core length after capping.
+ For l/d ratio, correction factors are as per Figure – 1 of IS: 516 – 1959 (Reaffirmed 2008).
Note
1) Compressive strength should be 4.5 Mpa to 7.0 Mpa as per cl.7.3.2.1 of IRC -37-2012.
2) The swelling and shrinkage was not observed as the water absorption is low.
3) No disintegration of specimens even after immersion for 3 days.
4) Report shall not be reproduced, except in full, without the written approval of the laboratory.

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