

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2481,2494 / Lab / **142** / 2021 - 22 Dated:- 05/ 07/ 2021. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Improvement to waterway of Nallah by construction of protection wall in the field of Shri Purushottam Khadilkar in Sy.No.12/1 at Brahmakarmali in V.P.Nagargao in Sattari Taluka.**

Ref. to Requisition No.: MIN/WDVI/WRD/SDII/F.62/21-22/112 Dated :- 10/ 06/ 2021.

Qty. Recived. :02 Sets of cube Date of Receipt:- 11/06/ 2021. Tested on: -02 & 03/07/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2: 4 O.S No. : 6723,6736/SS. Lab. Sample No.: 1846 & 1847 Tested By: Mrs. Shirodkar. J.E.

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| SR. NO. | DISCRIPTION OF SAMPLE   | TESTED FOR                                | RESULTS       |                          | Max./Min.Value permissible | % above or below | REMARK                     |
|---------|---|---|---------------|--------------------------|----------------------------|------------------|----------------------------|
| 1       | Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 04/06/2021. P.C.C. for Retaining wall foundation. | 28 <sup>th</sup> day compressive strength | 226.53        | Kg/Cm <sup>2</sup>       | 210.00 Kg/cm <sup>2</sup>  | 4.63             | Qty represents -15.00 Cum. |
|         |   |   | 212.93        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |   |   | 219.73        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |   | <b>Average</b>                            | <b>219.73</b> | <b>Kg/Cm<sup>2</sup></b> |                            |                  |                            |
| 2       | Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 05/06/2021. P.C.C. for Retaining wall foundation. | 28 <sup>th</sup> day compressive strength | 208.40        | Kg/Cm <sup>2</sup>       | 210.00 Kg/cm <sup>2</sup>  | 5.35             | Qty represents -14.00 Cum. |
|         |   |   | 228.79        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |   |   | 226.53        | Kg/Cm <sup>2</sup>       |                            |                  |                            |
|         |   | <b>Average</b>                            | <b>221.24</b> | <b>Kg/Cm<sup>2</sup></b> |                            |                  |                            |

Copy to: 1. The Assistant Engineer , SD II , WD VI, WRD,Valpoi-Sattari - Goa.

2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.

3. Copy submitted to The Executive Engineer , WD VI ,WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer