

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 960,965,978,992,1014 / Lab / **278** / 2020 - 21 Dated:- 02 /03/ 2021. Laboratory : Bicholim - Goa.
Sub Division V (OC)/WRD/ Bicholim- Goa.

Name of work :Improvement to waterways at Vadanchi Dhat Shivolkarwada Mulgao in Bicholim-Taluka.

Ref. to Requisition No.: F.36/SDIII/WDVI/WRD/2020-21/172 Dated :- 21/ 01/ 2021.

Qty. Recived. :05 Sets of cube Date of Receipt:- 21/01/ 2021. Tested on: -11,12,13,15 & 16/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 5005,5013,5028,5046,5071/SS. Lab. Sample No.: 149 To 153 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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| SR. NO. | DISCRIPTION OF SAMPLE | TESTED FOR | RESULTS | | Max./Min.Value permissable | % above or below | REMARK |
|---------|---|---|---------------|--------------------------|----------------------------|------------------|----------------------------|
| 1 | Cement concrete cube of mix 1 :2 : 4 , cast on 14/01/2021. P.C.C. For Foundation of Retaining wall on both sides | 28 th day compressive strength | 244.65 | Kg/Cm ² | 210.00 Kg/cm ² | 13.62 | Qty represents -18.00 Cum. |
| | | | 233.32 | Kg/Cm ² | | | |
| | | | 237.85 | Kg/Cm ² | | | |
| | | Average | 238.61 | Kg/Cm² | | | |
| 2 | Cement concrete cube of mix 1 :2 : 4 , cast on 15/01/2021. P.C.C. For Foundation of Retaining wall on both sides | 28 th day compressive strength | 244.65 | Kg/Cm ² | 210.00 Kg/cm ² | 9.31 | Qty represents -16.00 Cum. |
| | | | 226.53 | Kg/Cm ² | | | |
| | | | 217.47 | Kg/Cm ² | | | |
| | | Average | 229.55 | Kg/Cm² | | | |
| 3 | Cement concrete cube of mix 1 :2 : 4 , cast on 16/01/2021. P.C.C. For Foundation of Retaining wall on both sides | 28 th day compressive strength | 240.12 | Kg/Cm ² | 210.00 Kg/cm ² | 13.26 | Qty represents -18.00 Cum. |
| | | | 246.91 | Kg/Cm ² | | | |
| | | | 226.53 | Kg/Cm ² | | | |
| | | Average | 237.85 | Kg/Cm² | | | |
| 4 | Cement concrete cube of mix 1 :2 : 4 , cast on 18/01/2021. P.C.C. For Foundation of Retaining wall on both sides | 28 th day compressive strength | 253.71 | Kg/Cm ² | 210.00 Kg/cm ² | 8.59 | Qty represents -18.00 Cum. |
| | | | 222.00 | Kg/Cm ² | | | |
| | | | 208.40 | Kg/Cm ² | | | |
| | | Average | 228.04 | Kg/Cm² | | | |
| 5 | Cement concrete cube of mix 1 :2 : 4 , cast on 19/01/2021. P.C.C. For Foundation of Retaining wall on both sides | 28 th day compressive strength | 237.85 | Kg/Cm ² | 210.00 Kg/cm ² | 9.67 | Qty represents -16.00 Cum. |
| | | | 249.18 | Kg/Cm ² | | | |
| | | | 203.87 | Kg/Cm ² | | | |
| | | Average | 230.30 | Kg/Cm² | | | |

Copy to: 1. The Assistant Engineer , SD III , WD VI, WRD,Mulgao - 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