

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1127,1132,1153,1184/ Lab / **287** / 2020 - 21 Dated:- 06/03/2021. 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/2020-21/183 Dated :- 05/02/2021.

Qty. Received. :04 Sets of cube Date of Receipt:- 05/02/2021. Tested on: -27/02/2021 & 01,03,05/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 5196,5205,5232,5271/SS Lab. Sample No.: 356 To 359 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 30/01/2021. 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	16.14	Qty represents -15.00 Cum.
			249.18	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	243.89	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 01/02/2021. P.C.C. For Abutment Foundation for culvert.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents -6.00 Cum.
			226.53	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	236.34	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 03/02/2021. P.C.C. For Abutment Foundation for culvert.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	8.59	Qty represents -6.00 Cum.
			231.06	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	228.04	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 05/02/2021. P.C.C. For Abutment Foundation for culvert.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents -10.00 Cum.
			226.53	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	231.81	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