

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 749,752,757,767,779 / Lab / **210** / 2020 - 21 Dated:- 30/01 / 2021. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/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: -21,22,23,25,26/01/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 4765,4768,4773,4784,4797. Lab. Sample No.: 149 To 153 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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Sl. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 14/01/2021. P.C.C. For Foundation of Retaining wall on both sides	7 <sup>th</sup> day compressive strength	158.57	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	21.89	1)Qty represents -18.00 Cum. 2)28th day test due on 11/02/2021
			181.22	Kg/Cm <sup>2</sup>			
			172.16	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>170.65</b>			
2	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 15/01/2021. P.C.C. For Foundation of Retaining wall on both sides	7 <sup>th</sup> day compressive strength	154.04	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	12.18	1)Qty represents -16.00 Cum. 2)28th day test due on 12/02/2021
			147.24	Kg/Cm <sup>2</sup>			
			169.89	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>157.06</b>			
3	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 16/01/2021. P.C.C. For Foundation of Retaining wall on both sides	7 <sup>th</sup> day compressive strength	165.36	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	19.74	1)Qty represents -18.00 Cum. 2)28th day test due on 13/02/2021
			185.75	Kg/Cm <sup>2</sup>			
			151.77	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>167.63</b>			
4	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 18/01/2021. P.C.C. For Foundation of Retaining wall on both sides	7 <sup>th</sup> day compressive strength	174.43	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	13.26	1)Qty represents -18.00 Cum. 2)28th day test due on 15/02/2021
			154.04	Kg/Cm <sup>2</sup>			
			147.24	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>158.57</b>			
5	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 19/01/2021. P.C.C. For Foundation of Retaining wall on both sides	7 <sup>th</sup> day compressive strength	169.89	Kg/Cm <sup>2</sup>	140.00 Kg/cm <sup>2</sup>	12.18	1)Qty represents -16.00 Cum. 2)28th day test due on 16/02/2021
			160.83	Kg/Cm <sup>2</sup>			
			140.45	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>157.06</b>			

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