

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4597,4598,4621 & 4640/ Lab /90/ 2022 - 23 Dated:- 24/ 05 /2022.

Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work : Construction of Open type Bandhara across Bicholim River at Gaonkarwada at Bicholim.**

Ref. to Requisition No.:WRD/WDVI/SDI/F.W.220/2022-23/39 Dt.:- 28/ 04/ 2022

Qty. Recived. : 04 Sets of cube Date of Receipt:- 28/04/ 2022. Tested on: -20,21 & 23/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC **1:2:4** O.S No. :8555,8556,8579 & 8598/SS Lab. Sample No.: 4060 To 4063 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR.N O.	DISCRPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 22/04/2022. PCC for Ret wall 2 <sup>nd</sup> lift from 83.30m to 100.20m.	28 <sup>th</sup> day compressive strength	215.20	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	9.67	Qty represents - 12.16 Cum.
			244.65	Ka/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>230.30</b>	<b>Ka/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 22/04/2022. PCC for Ret wall 2 <sup>nd</sup> lift from 83.30m to 100.20m.	28 <sup>th</sup> day compressive strength	215.20	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 12.16 Cum.
			222.00	Ka/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Ka/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 23/04/2022. PCC for Ret wall 3 <sup>rd</sup> lift from 83.30m to 100.20m.	28 <sup>th</sup> day compressive strength	222.00	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.79	Qty represents - 15.97 Cum.
			231.06	Ka/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>224.26</b>	<b>Ka/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 25/04/2022. PCC for Ret wall 4 <sup>th</sup> lift from 83.30m to 100.20m.	28 <sup>th</sup> day compressive strength	231.06	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	Qty represents - 7.60 Cum.
			219.73	Ka/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.77</b>	<b>Ka/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD I , WDVI , WRD,Bicholim - 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