

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F. 6-2/Cube -T :- 7279,7309,7339/Lab/108/2023 - 24 Dated:- 23/06/2023.

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

**Name of work :- Improvement to the Waterways by construction of retaining wall to the eroded bank of Nallah in Survey no.143/1 in Mulgao Village in Bicholim Taluka.**

Ref. to Requisition No : F.36/SDIII/WDVI/WRD/2023-24/37 dated :-12/06/2023.

Qty. Recived. : 03 Sets of cubes Date of Receipt:- 16/06/2023 Tested on:- 16,19 & 21/06/2023 Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No: 1528/RK & 905,936/SS . Lab. Sample No: 7516 To 7518 Tested By: Mrs. R.R. Kadam A.E. Mrs. S.B.Naik 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 1:2:4, cast on 19/05/2023. PCC for foundation of retaining wall.	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 18.00 cum.
			237.85	Kg/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix 1:2:4, cast on 22/05/2023. PCC for foundation of retaining wall.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	Qty represents - 18.00 cum.
			224.26	Kg/Cm <sup>2</sup>			
			233.32	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.04</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix 1:2:4, cast on 24/05/2023. PCC for foundation of retaining wall.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	9.31	Qty represents - 19.00 cum.
			219.73	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>229.55</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer, SDIII, WDVI, 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, WDVI, WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer