

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :2969, 2970,2991, 2992,3005,/ Lab /270/ 2021 - 22 Dated:- 24/ 01/2022.  
3006,3022 & 3023

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

**Name of work : Anti Sea Erosion wall near Ganesh Immersion place at Navem Bhat, Danda. Siolim in Siolim Constituency.**

Ref. to Requisition No.: SDI/WDI/WRD/F.12/21-22/535 Dated :- 12/ 01/ 2022.

Qty. Recived. : 08 Sets of cube Date of Receipt:- 17/ 01/ 2022. Tested on: 17,19,20 & 21/01/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No. :7371,7372,7399,7400,7416,7417,7433 & 7434/SS Lab. Sample No.: 2751 To 2758 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

**REPORT PAGE 01 OF 02**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>1:2:4</b> , cast on 20/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.11	Qty represents - 30.00 Cum for two sets of cube.
			212.93	Kg/Cm <sup>2</sup>			
			249.18	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>233.32</b>			
2	Cement concrete cube of mix <b>1:2:4</b> , cast on 20/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	231.06	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.35	----- do -----
			215.20	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>221.24</b>			
3	Cement concrete cube of mix <b>1:2:4</b> , cast on 22/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	235.59	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	Qty represents - 32.00 Cum for two sets of cube.
			217.47	Kg/Cm <sup>2</sup>			
			208.40	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>220.49</b>			
4	Cement concrete cube of mix <b>1:2:4</b> , cast on 22/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.51	----- do -----
			233.32	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>225.77</b>			
5	Cement concrete cube of mix <b>1:2:4</b> , cast on 23/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	231.06	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.20	Qty represents - 31.00 Cum for two sets of cube.
			215.20	Kg/Cm <sup>2</sup>			
			203.87	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>216.71</b>			
6	Cement concrete cube of mix <b>1:2:4</b> , cast on 23/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strength	222.00	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	----- do -----
			201.61	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>220.49</b>			

Junior Engineer

Assistant Engineer

**REPORT PAGE 02 OF 02**

SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
7	Cement concrete cube of mix <b>1:2:4</b> , cast on 24/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strenath	219.73	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	8.59	Qty represents - 30.00 Cum for two sets of cube.
			237.85	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>228.04</b>	<b>Kg/Cm<sup>2</sup></b>			
8	Cement concrete cube of mix <b>1:2:4</b> , cast on 24/12/2021. For Foundation & Plinth.	28 <sup>th</sup> day compressive strenath	199.34	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.27	----- do -----
			226.53	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>218.98</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD I , WD I , WRD-Porvorim - 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 I ,WRD, Porvorim- Goa.

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer