

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4208,4230,4250,4275,4304,4330 & 4346/ Lab /79/ 2022 - 23 Dated:- 17/ 05/2022.

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

**Name of work :** Improvement to nallah bank behind the house of Shri Javid Aga, Shri Imtiaz Aga and others both side in ward No. 10 V.M.C Valpoi in Sattari Taluka.

Ref. to Requisition No.: MI/WDVI/WRD/SDII/f-62/22-23/22 Dt.:- 12/ 04/ 2022

Qty. Recived. : 07 Sets of cube Date of Receipt:- 12/04/ 2022. Tested on: - 03,04,05,06,07,08 & 09/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample:Cube Mix **1:2:4** O.SNo.:0496,0518,0538,0563,0593,0619 & 0635/R.K Lab. Sample No.: 3856 to 3862 Tested By: Mrs. R. R. Kadam A.E.

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SR.N O.	DISCRIPTION 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 05/04/2022. For Retaining wall Right side foundation at Ch.11.60 to 46.00.	28 <sup>th</sup> day compressive strength	210.67	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.20	Qty represents - 30.00m3.
			222.00	Ka/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>216.71</b>			
2	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 06/04/2022. For Retaining wall Right side 1st Lift at Ch.11.60 to 46.00.	28 <sup>th</sup> day compressive strength	215.20	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	2.48	Qty represents - 23.00m3.
			219.73	Ka/Cm <sup>2</sup>			
			210.67	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>215.20</b>			
3	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 07/04/2022. For Retaining wall Right side 1st Lift at Ch.11.60 to 46.00.	28 <sup>th</sup> day compressive strength	224.26	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	Qty represents - 22.00m3.
			217.47	Ka/Cm <sup>2</sup>			
			219.73	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 08/04/2022. For Retaining wall Right side 2nd Lift at Ch.11.60 to 46.00.	28 <sup>th</sup> day compressive strength	219.73	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.91	Qty represents - 23.00m3.
			212.93	Ka/Cm <sup>2</sup>			
			222.00	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>218.22</b>			
5	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 09/04/2022. For Retaining wall Right side 3rd Lift at Ch.11.60 to 46.00.	28 <sup>th</sup> day compressive strength	224.26	Ka/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	2.84	Qty represents - 17.00m3.
			210.67	Ka/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>215.95</b>			

Assistant Engineer

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SR.N O.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Valu e permissable	% above or below	REMARK
6	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 10/04/2022. For Retaining wall Right side 4th Lift at Ch.11.60 to 46.00.	28 <sup>th</sup> day compressive strength	240.12	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	12.54	Qty represents - 16.00m3.
			231.06	Kg/Cm <sup>2</sup>			
			237.85	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>236.34</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 11/04/2022. For Retaining wall Left side foundation at Ch.46.00 to 95.00.	28 <sup>th</sup> day compressive strength	224.26	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	4.99	Qty represents - 25.00m3.
			208.40	Kg/Cm <sup>2</sup>			
			228.79	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>220.49</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD II , WDVI , WRD,Valpoi-Sattari - 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.

Assistant Engineer