

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :4395,4436,4476 & 4503/ Lab /78/ 2022 - 23 Dated:- 17 / 05 /2022.

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

**Name of work :Construction of Irrigation Well in the field bearing Survey No. 18/1 at Panshe, Village Panchayat in Sattari Taluka.**

Ref. to Requisition No.: F.50/SDIV/WDVI/WRD/2022-2023/14 Dt.:-09/ 05/ 2022

Qty. Received. : 4 Sets of cube Date of Receipt:- 09/ 05 / 2022. Tested on: 10,12,14 & 16/05/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:1.5:3** O.S No. :0684,0725,0766 & 0789/R.K Lab. Sample No.:4355 to 4358 Tested By: Mrs. R. R. Kadam A.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 <b>1:1.5:3</b> , cast on 12/04/2022. For Foundations.	28 <sup>th</sup> day compressive strength	294.48	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	7.42	Qty represents - 3.16m3.
			276.36	Kg/Cm <sup>2</sup>			
			283.16	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>284.67</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 14/04/2022. For 1st Lift.	28 <sup>th</sup> day compressive strength	265.04	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	1.15	Qty represents - 2.37m3.
			267.30	Kg/Cm <sup>2</sup>			
			271.83	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>268.06</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 16/04/2022. For 3rd Lift.	28 <sup>th</sup> day compressive strength	278.63	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.43	Qty represents - 2.37m3.
			269.57	Kg/Cm <sup>2</sup>			
			274.10	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.10</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1:1.5:3</b> , cast on 18/04/2022. For 5th Lift.	28 <sup>th</sup> day compressive strength	267.30	Kg/Cm <sup>2</sup>	265.00 Kg/cm <sup>2</sup>	3.72	Qty represents - 2.37m3.
			280.89	Kg/Cm <sup>2</sup>			
			276.36	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>274.85</b>	<b>Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SDIV , WD VI, WRD,Sarvan, Bichoim - 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, Sarvan, Bichoim - Goa.

4. QC Lab File. 5. Bill File.

Assistant Engineer