

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 837,338,839/ Lab / **219**/ 2020 - 21 Dated:- 01/ 02 / 2021. Laboratory : Bicholim - Goa.  
Sub Division V (QC)/WRD/ Bicholim- Goa.

**Name of work :: Construction of Barrage and up gradation of Raw water pumping station at Ganjem on Mhadei River for Augmentation of Raw water for Opa water works. Part I-Construction of Barrage providing and laying 1000mm dia D.Ipipe Rising main and Break Pressure Tank at Ganjem in Sattari Taluka.**

Ref. to Requisition No.: WRD/WDVI/SDI/F.W.215/2020-21/491 Dated :- 29/ 01/ 2021.

Qty. Received. :03 Sets of cube Date of Receipt:- 29/01/ 2021. Tested on: -31/01/2021as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix M 35 O.S No. : 4863,4864,4865/ SS . Lab. Sample No.: 286 To 288 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

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SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>M 35</b> , cast on 24/01/2021. R.C.C. for 1st span of service bridge of barrage.	7 <sup>th</sup> day compressive strength	292.22	Kg/Cm <sup>2</sup>	280.00 Kg/cm <sup>2</sup>	2.75	1)Qty represents -36.00 Cum. 2)28th day test due on 15/02/2021
			276.36	Kg/Cm <sup>2</sup>			
			294.48	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>287.69</b>			
2	Cement concrete cube of mix <b>M 35</b> , cast on 24/01/2021. R.C.C. for 1st span of service bridge of barrage.	7 <sup>th</sup> day compressive strength	289.95	Kg/Cm <sup>2</sup>	280.00 Kg/cm <sup>2</sup>	4.63	1)Qty represents -36.00 Cum. 2)28th day test due on 15/02/2021
			283.16	Kg/Cm <sup>2</sup>			
			305.81	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>292.97</b>			
3	Cement concrete cube of mix <b>M 35</b> , cast on 24/01/2021. R.C.C. for 1st span of service bridge of barrage.	7 <sup>th</sup> day compressive strength	280.89	Kg/Cm <sup>2</sup>	280.00 Kg/cm <sup>2</sup>	2.48	1)Qty represents -36.00 Cum. 2)28th day test due on 15/02/2021
			271.83	Kg/Cm <sup>2</sup>			
			308.08	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>286.93</b>			

Copy to: 1. The Assistant Engineer , SD I , WD VI,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