

**GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT**

Test Report No.: WRD/QC/F.6-2/Cube -T : 399 & 400 / Lab / **170** / 2020 - 21

Dated:- 16/ 12/ 2020

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 II : Construction of Bank protection wall for upstream of barrage at Ganjem.

Ref. to Requisition No.: MI/WDVI/WRD/SDII /F.62/2020-21/328 Dated :- 14-12-2020

Qty. Recived. : 02 Sets of cubes Date of Receipt: -14 /12/2020. Tested on:- 14/12/2020 as per due dates. Ref to CPWD :2009, Vol. I

Sample: PCC 1 : 1.5 : 3 Mix O.S No. : 4412 & 4413/SS. Lab. Sample No.: 9749 To 9750 Tested By: - Mrs. S.B. Naik Shirodkar, J.E.

REPORT PAGE 01 OF 01

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix 1:1.5:3 , cast on 07/12/2020. PCC for wall VIII- Ganjem D/s of Road side bridge R.H.S.side parapet wall. Ch. 0 to 90 mts.	7 th day compressive strength	172.16	Kg/Cm ²	175.00 Kg/Cm ²	13.91	1) Represents Qty. 20.00 Cum. 2) 28 th day test is due on 04/01/2021
			217.47	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	199.34	Kg/Cm²			
2	Cement concrete cube of mix 1:1.5:3 , cast on 07/12/2020. PCC for wall VIII- Ganjem D/s of Road side bridge R.H.S.side parapet wall. Ch. 90.00 to 153.30 mts.	7 th day compressive strength	185.75	Kg/Cm ²	175.00 Kg/Cm ²	17.36	1) Represents Qty. 19.50 Cum. 2) 28 th day test is due on 04/01/2021
			226.53	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	205.38	Kg/Cm²			

1.Copy to: The Assistant Engineer SD II , WD VI , 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 ,WDVI,WRD, Bicholim-Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer