GOVERNMENT OF GOA

QUALITY CONTROL LABORATORY

WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T : 505 & 506 / Lab / **191** / 2020 - 21   Dated:- 08/ 01/ 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 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:- 04/01/2021   as per due dates.   Ref to CPWD :2009, Vol. I

Sample: PCC   1 : 1.5 : 3 Mix   O.S No. : 4560 & 4561/SS. Lab. Sample No.: 9749 To 9750   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 **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.	28 th day compressive strength	283.16	Kg/Cm^2	265.00 Kg/Cm^2	11.70	Represents Qty. 20.00 Cum.
			303.55	Kg/Cm^2			
			301.28	Kg/Cm^2			
		Average	**295.99**	**Kg/Cm^2**			
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.	28 th day compressive strength	283.16	Kg/Cm^2	265.00 Kg/Cm^2	10.84	Represents Qty. 19.50 Cum.
			303.55	Kg/Cm^2			
			294.48	Kg/Cm^2			
		Average	**293.73**	**Kg/Cm^2**			

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