

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD/QC/F.6-2/Cube -T :6884,6912,6916,6957,6993. / Lab / **169** / 2019 - 20

Dated:- 10 / 06 / 2019

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

Name of Work: - Improvement to nallah and construction of protection of wall to both sides nallah from Shri. Gurudas Gad field to Shri. Ravindra. Naik. field and construction of footbridge at Mencurem in Bicholim Taluka.

Ref. to Requisition No.: WRD/WD VI/SD I /W.F.213 /2019-20/ **160** Dated :- 29-05-2019

Qty. Recived. : 05 Sets of cube Date of Receipt: - 29/05/2019. Tested on: - 30/05/19 To 04 /06/2019

Ref to CPWD :2002, Vol. I

Sample: PCC 1 : 2 : 4 & 1 : 3 : 6 Mix O.S No. : 528,556,560/SP, 2015,2053/SS. Lab. Sample No.: 4958 To 4962.

Tested By: - Mr. S.M. Patri. A.E. & Mrs. S. B. Naik

Shirodkar. J.E..

SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
1	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 23 / 05 /2019, PCC for band . Represents Qty - 19.00 Cum.	7 th day compressive strength	190.28	Kg/Cm ²	140.00 Kg/Cm ²	26.21	28 th day test is due on 20/06/2019, which may please be witnessed.
			181.22	Kg/Cm ²			
			158.57	Kg/Cm ²			
		Average	176.69	Kg/Cm²			
2	Plain Cement concrete cube of mix 1 : 3 : 6, cast on 24 / 05 /2019, PCC for boulder masonry . Represents Qty - 18.00 Cum.	7 th day compressive strength	86.08	Kg/Cm ²	70.00 Kg/Cm ²	25.13	28 th day test is due on 21/06/2019, which may please be witnessed.
			83.81	Kg/Cm ²			
			92.88	Kg/Cm ²			
		Average	87.59	Kg/Cm²			
3	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 25 / 05 /2019, PCC for band . Represents Qty - 20.00 Cum.	7 th day compressive strength	135.92	Kg/Cm ²	140.00 Kg/Cm ²	-2.92	28 th day test is due on 22/06/2019, which may please be witnessed.
			126.85	Kg/Cm ²			
			144.98	Kg/Cm ²			
		Average	135.92	Kg/Cm²			
4	Plain Cement concrete cube of mix 1 : 2 : 4, cast on 27 / 05 /2019, PCC for band . Represents Qty - 16.00 Cum.	7 th day compressive strength	151.77	Kg/Cm ²	140.00 Kg/Cm ²	23.51	28 th day test is due on 24/06/2019, which may please be witnessed.
			181.22	Kg/Cm ²			
			185.75	Kg/Cm ²			
		Average	172.92	Kg/Cm²			
5	Plain Cement concrete cube of mix 1 : 3 : 6, cast on 28 / 05 /2019, PCC for boulder masonry . Represents Qty - 15.00 Cum.	7 th day compressive strength	90.61	Kg/Cm ²	70.00 Kg/Cm ²	21.89	28 th day test is due on 25/06/2019, which may please be witnessed.
			83.81	Kg/Cm ²			
			81.55	Kg/Cm ²			
		Average	85.32	Kg/Cm²			

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 ,WDVI, WRD, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer