

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 2537,2560,2574,2595,2614 / Lab /160/ 2021 - 22 Dated:- 20/07/ 2021. Laboratory : Bicholim - Goa.
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Improvement to nallah by construction of protection wall in Survey No.12/1 & 13/7 at Gaonkarwada in Naroa Village in Bicholim Taluka.
Ref. to Requisition No.: F.36/SDIII/WDVI/WRD/2021-22/63 Dated :- 22/06/ 2021.

Qty. Received. :05 Sets of cube Date of Receipt:- 22/06/ 2021. Tested on: -07,09,12,14,16/07/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix PCC 1:2:4 O.S No. :6785,6808,6822,6844/SS,87/RK Lab. Sample No.: 1956 to 1960 Tested By: Mrs.R.R.Kadam.A.E & Mrs. Shirodkar. J.E.

Cube test witnessed by agency Mr.Chandrashekar Jalmi on 09/07/2021.

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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 1:2:4 , cast on 09/06/2021. P.C.C. for wall on LHS 3 rd lift.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents -18.00 Cum.
			215.20	Kg/Cm ²			
			215.20	Kg/Cm ²			
			Average	216.71			
2	Cement concrete cube of mix 1:2:4 , cast on 11/06/2021. P.C.C. for wall on LHS 3 rd lift and 1 st lift on LHS/Downstream of road.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents -15.00 Cum.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
			Average	219.73			
3	Cement concrete cube of mix 1:2:4 , cast on 14/06/2021. P.C.C. for wall on RHS 3 rd lift.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents -12.00 Cum.
			215.20	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	216.71			
4	Cement concrete cube of mix 1:2:4 , cast on 16/06/2021. P.C.C. for wall 2 nd lift on LHS/Downstream of road.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents -10.00 Cum.
			217.47	Kg/Cm ²			
			226.53	Kg/Cm ²			
			Average	222.75			
5	Cement concrete cube of mix 1:2:4 , cast on 18/06/2021. P.C.C. for wall 3 rd lift on LHS/Downstream of road.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	3.91	Qty represents -10.00 Cum.
			215.20	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	218.22			

Copy to: 1. The Assistant Engineer , SD III , WD VI, WRD,Mulgao - 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