

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 1327,1345,1355,1378,1425, 1431 / Lab /**308**/ 2020 - 21 Dated:- 24 /03/ 2021. Laboratory : Bicholim - Goa
Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work :Improvement to nallah and construction of protection wall at Sy.no.412/1 at Petechawada-Korgao in Pernem Taluka.

Ref. to Requisition No.: MI/SDIII/WDI/F-58/2020-21/412 Dated :- 01/ 03 / 2021.

Qty. Received. :6 Sets of cube Date of Receipt:- 12/03/ 2021. Tested on: -16,17,18,19,22 & 23/03/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. :5435,5456,5474,5502,5556,5562/SS Lab. Sample No.: 824 To 829 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 : 2 : 4 , cast on 16/02/2021. For Protection wall.	28 th day compressive strength	258.24	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 18.00 Cum.
			217.47	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	237.85			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 17/02/2021. For Protection wall.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 16.00 Cum.
			253.71	Kg/Cm ²			
			231.06	Kg/Cm ²			
			Average	234.83			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/02/2021. For Drain side wall.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	14.34	Qty represents - 12.00 Cum.
			237.85	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	240.12			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/02/2021. For Drain side wall.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 12.00 Cum.
			246.91	Kg/Cm ²			
			235.59	Kg/Cm ²			
			Average	243.89			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/02/2021. For Protection wall.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	11.82	Qty represents - 16.00 Cum.
			246.91	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	234.83			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 23/02/2021. For Protection wall.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 12.00 Cum.
			242.38	Kg/Cm ²			
			253.71	Kg/Cm ²			
			Average	243.89			

Copy to: 1. The Assistant Engineer , SD III , WD I , WRD, Pernem - 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 I ,WRD, Pernem - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer