

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4818,4826,4880 & 4922/ Lab / **121**/ 2022 - 23 Dated:- 14/06/ 2022.

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

Name of work :Construction of protection wall to the property bearing Survey No. 508/56 at Nanora in Latambarcem Village of Bicholim Taluka.

Ref. to Requisition No.: F.36/SDIII/WDVI/WRD/2022-23/14 Dated :- 19/ 05/ 2022.

Qty. Recived. :04 Sets of cube Date of Receipt:-03/06/ 2022. Tested on: -06,07,10 & 13/06/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. : 8783,8791,8846 & 8892/SS Lab. Sample No.: 4761 to 4764 Tested By: Mrs. S.B. Naik Shirodkar J.E

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SR .N	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 09/05/2022. PCC for 2 nd lift of retaining wall.	28th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	2.84	Qty. represents -15.00 Cum.
			226.53	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	215.95	Kg/Cm²			
2	Cement concrete cube of mix 1 :2 :4 , cast on 10/05/2022. PCC for 2 nd lift of retaining wall.	28th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty. represents -16.00 Cum.
			237.85	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
3	Cement concrete cube of mix 1 :2 :4 , cast on 13/05/2022. PCC for 3 rd lift of retaining wall.	28th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty. represents -19.00 Cum.
			231.06	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
4	Cement concrete cube of mix 1 :2 :4 , cast on 16/05/2022. PCC for 4 th lift of retaining wall.	28th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty. represents -14.00 Cum.
			219.73	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	229.55	Kg/Cm²			

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