

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1017 to 1022, 1033,1034,1040,/ Lab / **279**/ 2020 - 21 Dated:- 02 / 03 / 2021. Laboratory : Bicholim - Goa.
1041,1053,1054,1072 Sub Division V (QC)/WRD/ Bicholim- Goa.

Name of work : Construction of Protection wall of nalla on both sides from main road to Sagun Sinari House and Govind Parab house to shekri, at Pimpalwada,Amona in Bicholim Taluka.

Ref. to Requisition No.:F.211/WRD/WDVI/SDI/475/2020-21 Dated :- 25/ 01 / 2021.

Qty. Recived. :11 Sets of cube Date of Receipt:- 25/ 01 / 2021. Tested on: - 14/02/2021 to 20/02/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 5074 to 5079,5092,5093,5102,5103,5118,5119,5138/SS Lab. Sample No.: 207 to 219 Tested By: Mrs. S.B. Naik Shirodkar. J.E.

REPORT PAGE 01 OF 02

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 17/01/2021. For Foundation of L.H.S wall from ch 120m to ch 130m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.75	Qty represents - 16.50 Cum.
			237.85	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	232.57	Kg/Cm²			
2	Cement concrete cube of mix 1 : 2 : 4 , cast on 17/01/2021. For Foundation of L.H.S wall from ch 130m to ch 140m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.99	Qty represents - 16.50 Cum.
			219.73	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	220.49	Kg/Cm²			
3	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/01/2021. For Foundation of L.H.S wall from ch 140m to ch 150m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 16.50 Cum.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
4	Cement concrete cube of mix 1 : 2 : 4 , cast on 18/01/2021. For 2nd step R.H.S wall from ch 120m to ch 130m.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 9.00 Cum.
			231.06	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
5	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/01/2021. For 2nd step R.H.S wall from ch 130m to ch 140m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 9.00 Cum.
			215.20	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
6	Cement concrete cube of mix 1 : 2 : 4 , cast on 19/01/2021. For 1st step L.H.S wall from ch 120m to ch 130m.	28 th day compressive strength	253.71	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty represents -13.50 Cum.
			231.06	Kg/Cm ²			
			203.87	Kg/Cm ²			
		Average	229.55	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissible	% above or below	REMARK
7	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/01/2021. For 2nd step R.H.S wall from ch 140m to ch 150m.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	5.35	Qty represents - 9.00 Cum.
			237.85	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
8	Cement concrete cube of mix 1 : 2 : 4 , cast on 20/01/2021. For Foundation of L.H.S wall from ch 150m to ch 160m.	28 th day compressive strength	244.65	Kg/Cm ²	210.00 Kg/cm ²	15.42	Qty represents - 16.50 Cum.
			255.97	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	242.38	Kg/Cm²			
9	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/01/2021. For 1st step L.H.S wall from ch 130m to ch 140m.	28 th day compressive strength	240.12	Kg/Cm ²	210.00 Kg/cm ²	16.14	Qty represents - 13.50 Cum.
			260.51	Kg/Cm ²			
			231.06	Kg/Cm ²			
		Average	243.89	Kg/Cm²			
10	Cement concrete cube of mix 1 : 2 : 4 , cast on 21/01/2021. For 2nd step L.H.S wall from ch 120m to ch 130m.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	13.26	Qty represents - 9.00 Cum.
			242.38	Kg/Cm ²			
			222.00	Kg/Cm ²			
		Average	237.85	Kg/Cm²			
11	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/01/2021. For 1st step L.H.S wall from ch 140m to ch 150m.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	7.87	Qty represents - 13.50 Cum.
			233.32	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
12	Cement concrete cube of mix 1 : 2 : 4 , cast on 22/01/2021. For 2nd step L.H.S wall from ch 130m to ch 140m.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 9.00 Cum.
			233.32	Kg/Cm ²			
			206.14	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
13	Cement concrete cube of mix 1 : 2 : 4 , cast on 23/01/2021. For 2nd step R.H.S wall from ch 150m to ch 160m.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	9.67	Qty represents - 9.00 Cum.
			208.40	Kg/Cm ²			
			244.65	Kg/Cm ²			
		Average	230.30	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 , WD VI ,WRD,Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer