

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 6951,6952,6964,6965,6979,6980/Lab/**75**/2023 - 24 Dated:- 26/05/2023.
6989,6990,7003,7004,7011,7012.

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

Name of work : Stabilization of hillslope by Construction of protection wall near house of Smt. Prabhavati P. Naik & Others at Khalapwada, Canca in Siolim Constituency.

Ref. to Requisition No : MI/SDI/WDI/WRD/F.57/23-24/52. Dt.:- 12/05/2023

Qty. Recived : **12** Sets of cube Date of Receipt:- 18/05/2023. Tested on:- 18,19,22,23,24 & 25/05/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1236,1237,1249,1250,1264,1265,1277,1278,1291,1292,1303,1304/RK Lab. Sample No: 7103 to 7114

Tested By: Mrs. R.R. Kadam A.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 20/04/2023. for Foundation & Plinth.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 38.00 M3 for two sets of cube.
			210.67	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 20/04/2023. for Foundation & Plinth.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	7.51	---do---
			233.32	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	225.77	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 21/04/2023. for Foundation & Plinth.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 37.00 M3 for two sets of cube.
			217.47	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 21/04/2023. for Foundation & Plinth.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	5.71	---do---
			201.61	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 24/04/2023. for 2nd & 3rd Lifts.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 36.00 M3 for two sets of cube.
			228.79	Kg/Cm ²			
			242.38	Kg/Cm ²			
		Average	225.02	Kg/Cm²			

Assistant Engineer

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
6	Cement concrete cube of mix 1:2:4 , cast on 24/04/2023. for 2nd & 3rd Lifts.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 36.00 M3 for two sets of cube.
			233.32	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 25/04/2023. for 4th & 5th Lifts.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 35.00 M3 for two sets of cube.
			206.14	Kg/Cm ²			
			228.79	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 25/04/2023. for 4th & 5th Lifts.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	5.71	---do---
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 26/04/2023. for 6th, 7th & 8th Lifts.	28 th day compressive strength	203.87	Kg/Cm ²	210.00 Kg/cm ²	4.63	Qty represents - 34.00 M3 for two sets of cube.
			219.73	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	219.73	Kg/Cm²			
10	Cement concrete cube of mix 1:2:4 , cast on 26/04/2023. for 6th, 7th & 8th Lifts.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	3.91	---do---
			210.67	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	218.22	Kg/Cm²			
11	Cement concrete cube of mix 1:2:4 , cast on 27/04/2023. for 8th & 9th Lifts.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 35.00 M3 for two sets of cube.
			233.32	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
12	Cement concrete cube of mix 1:2:4 , cast on 27/04/2023. for 8th & 9th Lifts.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	7.51	---do---
			219.73	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	225.77	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDI, WDI, WRD, Porvorim- Goa.
2. Copy submitted to The Superintending Engineer ,CPO,WRD, Sinchai Bhavan, Porvorim Goa for kind Information.
3. Copy submitted to The Executive Engineer, WDI, WRD, Porvorim- Goa.
4. QC Lab File. 5. Bill File.

Assistant Engineer