

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :- 5467 To 5472/ Lab / 195/ 2022 - 23 Dated:- 21/11/2022.

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

Name of work : - Stabilization and Protection of hill slope from Apolina Fernandes house to Jerald D'souza at Britona in Village Panchayat Pehna-de-France, in Porvorim Constituency.

Ref. to Requisition No: SDI/WDI/WRD/F.57/22-23/312 dated :- 28/10/2022.

Qty. Recived. : 06 Set of cube Date of Receipt:- 17/11/2022 Tested on: - 17,18 & 19/11/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No: 9479,9480,9483,9484,9486,9487/SS. Lab. Sample No: 5390 to 5395 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 20/10/2022. For Foundation.	28 th day compressive strength	206.14	Kg/Cm ²	210.00 Kg/cm ²	5.71	Qty represents - 27.00 M3 for Two sets of cube.
			222.00	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 20/10/2022. For Foundation.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	8.23	-----do-----
			231.06	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	227.28	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 21/10/2022. For Foundation.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.84	Qty represents - 28.00 M3 for Two sets of cube.
			208.40	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	215.95	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 21/10/2022. For Foundation.	28 th day compressive strength	249.18	Kg/Cm ²	210.00 Kg/cm ²	11.82	-----do-----
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	234.83	Kg/Cm²			

Junior Engineer

Assistant Engineer

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SR.NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
5	Cement concrete cube of mix 1:2:4 , cast on 22/10/2022. For Foundation.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 26.00 M3 for Two sets of cube.
			215.20	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	225.02	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 22/10/2022. For Foundation.	28 th day compressive strength	219.73	Kg/Cm ²	210.00 Kg/cm ²	9.31	-----do-----
			231.06	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	229.55	Kg/Cm²			

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

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer