

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7471,7475,7481,7487,7489/Lab/**135**/2023 - 24 Dated:- 12/07/2023.
7490,7492,7493,7501.

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

Name of work : Improvement of damaged existing bund from Candolim bridge to Siquerim in V.P. Candolim in Calangute Constituency.

Ref. to Requisition No : SDII/WDI/WRD/F.24/2023-24/131. Dt.:- 04/07/2023

Qty. Received : **09** Sets of cube Date of Receipt:- 04/07/2023. Tested on:- 04,05,06,08,09,10 & 11/07/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4 & 1:1.5:3** O.S No : 1065,1070,1078,1084,1086,1087,1090,1091,1099/SS. Lab. Sample No: 7642 to 7650 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 06/06/2023. For Manas I Foundation.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	11.11	Qty represents - 15.00 m3.
			235.59	Kg/Cm ²			
			246.91	Kg/Cm ²			
			Average	233.32			
2	Cement concrete cube of mix 1:2:4 , cast on 07/06/2023. For I Lift.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	7.51	Qty represents - 8.00 m3.
			226.53	Kg/Cm ²			
			240.12	Kg/Cm ²			
			Average	225.77			
3	Cement concrete cube of mix 1:2:4 , cast on 08/06/2023. For II Lift.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	12.90	Qty represents - 6.00 m3.
			246.91	Kg/Cm ²			
			237.85	Kg/Cm ²			
			Average	237.10			
4	Cement concrete cube of mix 1:1.5:3 , cast on 10/06/2023. For RCC Slab Foundation I & II.	28 th day compressive strength	274.10	Kg/Cm ²	265.00 Kg/cm ²	7.42	Qty represents - 9.00 m3.
			285.42	Kg/Cm ²			
			294.48	Kg/Cm ²			
			Average	284.67			
5	Cement concrete cube of mix 1:2:4 , cast on 11/06/2023. For Laterite boulder masonry near Manas - I.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	8.23	Qty represents - 32.00 m3 for two sets of cube.
			237.85	Kg/Cm ²			
			217.47	Kg/Cm ²			
			Average	227.28			

Junior Engineer

Assistant Engineer

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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 11/06/2023. For Laterite boulder masonry near Manas - I.	28 th day compressive strength	210.67	Kg/Cm ²	210.00 Kg/cm ²	2.84	Qty represents - 32.00 m3 for two sets of cube.
			217.47	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	215.95	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 12/06/2023. For I Lift.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	3.20	Qty represents - 27.00 m3 for two sets of cube.
			219.73	Kg/Cm ²			
			215.20	Kg/Cm ²			
		Average	216.71	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 12/06/2023. For I Lift.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	5.35	--do--
			226.53	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	221.24	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 13/06/2023. For II Lift.	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 20.00 m3.
			222.00	Kg/Cm ²			
			233.32	Kg/Cm ²			
		Average	222.75	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDII, WDI, WRD, Mapusa Bardez - 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, Sinchai Bhavan Porvorim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer