

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :589,601,621,638,674,687,715 / Lab / **213** / 2020 - 21 Dated:- 30 / 01 / 2021. Laboratory : Bicholim - Goa.

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

**Name of work : Protection and stabilization of Hill Slope from Shanti Kandolkar house to Vishwas Kandolkar house, at Bhatmoddem, in village Panchayat Salvador-Do-Mundo,in Porvorim Constituency.**

Ref. to Requisition No.: SDII/WDI/WRD/F.24/20-21/361 Dated :- 22/ 12 / 2020.

Qty. Received. :7 Sets of cube Date of Receipt:- 08/ 1/ 2021. Tested on: -08,09,11,12,14,15,18/01/2021as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1:2:4 O.S No. : 4627,4639,4654,4669,4701,4714,29RK. Lab. Sample No.: 40 To 46 Tested By: Mrs. S.B. Naik Shirodkar. J.E & Mrs. R.R. Kadam, A.E.

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SR. NO	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Val ue permissible	% above or below	REMARK
1	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 11/12/2020. For Foundation	28 <sup>th</sup> day compressive strength	215.20	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	12.54	Qty represents - 20.00 Cum for one sets of cubes
			262.77	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>236.34</b>	<b>Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 12/12/2020. For Foundation	28 <sup>th</sup> day compressive strength	237.85	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.87	Qty represents - 18.00 Cum for one sets of cubes
			226.53	Kg/Cm <sup>2</sup>			
			215.20	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>226.53</b>	<b>Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 14/12/2020. For 1st Lift	28 <sup>th</sup> day compressive strength	246.91	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	10.75	Qty represents - 16.00 Cum for one sets of cubes
			233.32	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>232.57</b>	<b>Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 :2 : 4</b> , cast on 15/12/2020. For 1st Lift	28 <sup>th</sup> day compressive strength	212.93	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.43	Qty represents - 20.00 Cum for one sets of cubes
			237.85	Kg/Cm <sup>2</sup>			
			219.73	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>223.51</b>	<b>Kg/Cm<sup>2</sup></b>			

Junior Engineer

Assistant Engineer

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<b>SR. NO.</b>	<b>DISCRIPTION OF SAMPLE</b>	<b>TESTED FOR</b>	<b>RESULTS</b>		<b>Max./Min. Value permissible</b>	<b>% above or below</b>	<b>REMARK</b>
5	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 17/12/2020. For 2nd Lift	28 <sup>th</sup> day compressive strength	251.44	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	11.11	Qty represents - 18.00 Cum for one sets of cubes
			231.06	Kg/Cm <sup>2</sup>			
			217.47	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>233.32</b>	<b>Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 18/12/2020. For 3rd Lift	28 <sup>th</sup> day compressive strength	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	7.15	Qty represents - 16.00 Cum for one sets of cubes
			235.59	Kg/Cm <sup>2</sup>			
			212.93	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>225.02</b>	<b>Kg/Cm<sup>2</sup></b>			
7	Cement concrete cube of mix <b>1 : 2 : 4</b> , cast on 21/12/2020. For 4th Lift	28 <sup>th</sup> day compressive strength	210.67	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	6.43	Qty represents - 20.00 Cum for one sets of cubes
			215.20	Kg/Cm <sup>2</sup>			
			244.65	Kg/Cm <sup>2</sup>			
		<b>Average</b>	<b>223.51</b>	<b>Kg/Cm<sup>2</sup></b>			

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

4. QC Lab File.      5. Bill File.

Junior Engineer

Assistant Engineer