

GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T :1729,1763,1764,1765,1831,1905 / Lab / **61** / 2021 - 22 Dated:-10/05/ 2021. Laboratory : Bicholim - Goa  
Sub Division V (QC)/WRD/ Bicholim- Goa

**Name of work : Improvement of existing nallah from Smt.Revati S. Naik to Nakul Vishnu Naik house, at Naika Vaddo in V.P. Pirna in Tivim Constituency.**

Ref. to Requisition No.:SDII/WDI/WRD/F.24/21-22/19 Dated :- 16/ 04 / 2021.

Qty. Recived. :06 Sets of cube Date of Receipt:- 17/ 04 / 2021. Tested on: -17,22,30/04/21 & 07/05/2021 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix 1: 2: 4 O.S No.: 5906,5939,5940,5941,6038,6115/SS Lab. Sample No.: 1244 to 1249 Tested By: Mrs.Shirodkar. J.E.

**REPORT PAGE 01 OF 01**

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	REMARK
1	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 20/03/2021.For Ch.0 to 50m-LHS.	28 <sup>th</sup> day compressive strenath	199.34	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.20	Qty represents - 33.00 Cum for two sets of cubes.
			219.73	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>216.71 Kg/Cm<sup>2</sup></b>			
2	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 20/03/2021.For Ch.0 to 50m-LHS.	28 <sup>th</sup> day compressive strenath	208.40	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.55	----- do -----
			212.93	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>217.47 Kg/Cm<sup>2</sup></b>			
3	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 25/03/2021.For Ch.0 to 50m-LHS.	28 <sup>th</sup> day compressive strenath	199.34	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.71	Qty represents - 27.00 Cum for two sets of cubes.
			240.12	Kg/Cm <sup>2</sup>			
			226.53	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>222.00 Kg/Cm<sup>2</sup></b>			
4	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 25/03/2021.For Ch.0 to 50m-LHS.	28 <sup>th</sup> day compressive strenath	228.79	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.35	----- do -----
			203.87	Kg/Cm <sup>2</sup>			
			231.06	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>221.24 Kg/Cm<sup>2</sup></b>			
5	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 02/04/2021.For Ch.0 to 50m-LHS.	28 <sup>th</sup> day compressive strenath	226.53	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	3.20	Qty represents - 18.00 Cum.
			219.73	Kg/Cm <sup>2</sup>			
			203.87	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>216.71 Kg/Cm<sup>2</sup></b>			
6	Cement concrete cube of mix <b>1 : 2: 4</b> , cast on 09/04/2021.For Ch.0 to 50m-LHS.	28 <sup>th</sup> day compressive strenath	206.14	Kg/Cm <sup>2</sup>	210.00 Kg/cm <sup>2</sup>	5.35	Qty represents - 12.00 Cum.
			222.00	Kg/Cm <sup>2</sup>			
			235.59	Kg/Cm <sup>2</sup>			
			<b>Average</b>	<b>221.24 Kg/Cm<sup>2</sup></b>			

Copy to: 1. The Assistant Engineer , SD II , WD I, WRD, Mapusa- 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