

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No: WRD/QC/F.6-2/Cube -T : 7447,7448,7449,7464,7465/Lab/**133**/2023 - 24 Dated:- 10/07/2023.
7474,7482.

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

Name of work : Improvement of existing nallah in Sy No. 36/4 at Savlem in V.P. Pilerne-Marra in Saligao Constituency.

Ref. to Requisition No : SDV/WDI/WRD/F.27/2023-24/56. Dt.:- 27/06/2023

Qty. Received : **07** Sets of cube Date of Receipt:- 30/06/2023. Tested on:- 30/06/2023 & 03.05 & 07/07/2023 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No : 1556,1557/RK & 1053,1054,1055,1069,1079/SS. Lab. Sample No: 7631 to 7637

Tested By: Mrs. R.R. Kadam. A.E. & Mrs. S.B. Naik Shirodkar J.E.

REPORT PAGE 01 OF 02

SR. NO.	DISCRIPTION OF SAMPLE	TESTED FOR	RESULTS		Max./Min.Value permissable	% above or below	
1	Cement concrete cube of mix 1:2:4 , cast on 02/06/2023. For Foundation of nallah walls.	28 th day compressive strength	215.20	Kg/Cm ²	210.00 Kg/cm ²	6.43	Qty represents - 49.50 m3 for three sets of cube.
			235.59	Kg/Cm ²			
			219.73	Kg/Cm ²			
		Average	223.51	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 02/06/2023. For Foundation of nallah walls.	28 th day compressive strength	235.59	Kg/Cm ²	210.00 Kg/cm ²	7.87	-----do-----
			233.32	Kg/Cm ²			
			210.67	Kg/Cm ²			
		Average	226.53	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 02/06/2023. For Foundation of nallah walls.	28 th day compressive strength	222.00	Kg/Cm ²	210.00 Kg/cm ²	11.47	-----do-----
			233.32	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	234.08	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 05/06/2023. For Side walls of nallah 1st Step.	28 th day compressive strength	246.91	Kg/Cm ²	210.00 Kg/cm ²	8.95	Qty represents - 38.50 m3 for two sets of cube.
			226.53	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	228.79	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 05/06/2023. For Side walls of nallah 1st Step.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	2.48	-----do-----
			212.93	Kg/Cm ²			
			206.14	Kg/Cm ²			
		Average	215.20	Kg/Cm²			

Junior Engineer

Assistant Engineer

REPORT PAGE 02 OF 02

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 07/06/2023. For Side walls of nallah 2nd Step.	28 th day compressive strength	231.06	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 12.00 m3.
			217.47	Kg/Cm ²			
			208.40	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
7	Cement concrete cube of mix 1:2:4 , cast on 09/06/2023. For Side walls of nallah 2nd Step.	28 th day compressive strength	208.40	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 10.00 m3.
			219.73	Kg/Cm ²			
			246.91	Kg/Cm ²			
		Average	225.02	Kg/Cm²			

Copy to: 1. The Assistant Engineer, SDV, 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.

Junior Engineer

Assistant Engineer