

GOVERNMENT OF GOA
QUALITY CONTROL LABORATORY
WATER RESOURCES DEPARTMENT

Test Report No.: WRD / QC / F.6-2 / Cube -T : 4030,4040,4041,4058,4068,4086,4106,/ Lab / **57** / 2022 - 23 Dated:- 02/05/2022. Laboratory : Bicholim - Goa.

4119 & 4133.

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

Name of work : Development to the Samplachi Bai near Dukorkond by construction of Protection wall to the Kusdo river and nallah at Parsekarwada V.P. Keri in Sattari Taluka.

Ref. to Requisition No.: F.50/SDIV/WDVI/WRD/22-23/266 Dt.:- 19/ 04/ 2022

Qty. Received. : 09 Sets of cube Date of Receipt:- 19/ 04 / 2022. Tested on: 21,22,23,24,25,26,27 & 28/04/2022 as per due dates. Ref to CPWD :2009, Vol. I

Sample: Cube Mix **1:2:4** O.S No. :8282,8295,8296,8317,8329, 8348,8369,8385 & 8401/SS Lab. Sample No.: 3952 to 3960 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 24/03/2022. For River wall foundation (RHS).	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	4.27	Qty represents - 30.60 cum.
			217.47	Kg/Cm ²			
			212.93	Kg/Cm ²			
		Average	218.98	Kg/Cm²			
2	Cement concrete cube of mix 1:2:4 , cast on 25/03/2022. For Nalla foundation (both sides).	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 33.60 cum for two sets of cubes.
			233.32	Kg/Cm ²			
			235.59	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
3	Cement concrete cube of mix 1:2:4 , cast on 25/03/2022. For Nalla foundation.	28 th day compressive strength	224.26	Kg/Cm ²	210.00 Kg/cm ²	5.71	----- do -----
			215.20	Kg/Cm ²			
			226.53	Kg/Cm ²			
		Average	222.00	Kg/Cm²			
4	Cement concrete cube of mix 1:2:4 , cast on 26/03/2022. For 1st Lift River wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	9.31	Qty represents - 30.60 cum.
			244.65	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	229.55	Kg/Cm²			
5	Cement concrete cube of mix 1:2:4 , cast on 27/03/2022. For 1st Lift Nalla wall (LHS).	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	10.39	Qty represents - 25.20 cum.
			231.06	Kg/Cm ²			
			237.85	Kg/Cm ²			
		Average	231.81	Kg/Cm²			
6	Cement concrete cube of mix 1:2:4 , cast on 28/03/2022. For 2nd Lift River wall.	28 th day compressive strength	226.53	Kg/Cm ²	210.00 Kg/cm ²	7.15	Qty represents - 24.48 cum.
			231.06	Kg/Cm ²			
			217.47	Kg/Cm ²			
		Average	225.02	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
7	Cement concrete cube of mix 1:2:4 , cast on 29/03/2022. For 1st Lift Nalla wall (RHS).	28 th day compressive strength	212.93	Kg/Cm ²	210.00 Kg/cm ²	6.79	Qty represents - 25.20 cum.
			235.59	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	224.26	Kg/Cm²			
8	Cement concrete cube of mix 1:2:4 , cast on 30/03/2022. For 3rd Lift River wall.	28 th day compressive strength	237.85	Kg/Cm ²	210.00 Kg/cm ²	12.54	Qty represents - 16.20 cum.
			231.06	Kg/Cm ²			
			240.12	Kg/Cm ²			
		Average	236.34	Kg/Cm²			
9	Cement concrete cube of mix 1:2:4 , cast on 31/03/2022. For 4th Lift River wall,2nd Lift Nalla.	28 th day compressive strength	217.47	Kg/Cm ²	210.00 Kg/cm ²	6.07	Qty represents - 25.80 cum.
			226.53	Kg/Cm ²			
			224.26	Kg/Cm ²			
		Average	222.75	Kg/Cm²			

Copy to: 1. The Assistant Engineer , SD IV , WDWI, WRD, Sarvan, Bicholim - 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, Sarvan, Bicholim - Goa.

4. QC Lab File. 5. Bill File.

Junior Engineer

Assistant Engineer