

**GOVERNMENT OF GOA  
QUALITY CONTROL LABORATORY  
WATER RESOURCES DEPARTMENT**

**Test Report No.:** WRD/Q.C./F.6-4/Laterite Stone-T:- 0453/Lab/112/2022-23   **Dated:** 06/06/2022.

**Laboratory:** Bicholim  
**Sub Div:** V (QC)/WRD/Bicholim Goa.

**Sub:-** "Flood Mitigation measures and construction of flood water pumping station at Mala, Panaji-Goa.

**Ref to requisition No:-** SDIV/WDI/WRD/F.38/22-23/183   **Dated :-** 01/06/2022

**Qty. Received:** 1 bags each   **Date of Receipt:** 01/06/2022   **Tested on:** 03 & 04/06/2022   **Ref to Specification:** CPWD 2009, Vol. I&IS:4031-4-1968

**Sample:** Laterite Stone.   **O.S. N:-**8753/SS   **Lab. Sample No.:** 4701   **Tested by:** Mrs. S. B. Naik Shirodkar J.E.

**R E P O R T 01 OF 01**

Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remarks
1.	<u>Laterite stone</u>	A) Compressive strength test:-	i) 43.84 Kg /cm <sup>2</sup> ii) 48.79 Kg /cm <sup>2</sup> iii) 43.04 Kg /cm <sup>2</sup> Avg. 45.22 Kg/cm <sup>2</sup>	35.00kg/cm <sup>2</sup>	
		<b>Remark:</b> - The average Compressive strength achieved is <b>29.20%More</b> than the specified value of <b>35.00 Kg/cm<sup>2</sup></b> .			
		B) Water Absorption Test.	i) 11.11 % ii) 8.10 % iii) 8.69 % Avg. 9.30 %	12 .00 %	
		<b>Remark:</b> The average water absorption is <b>9.30 %</b> ,less than the 12% of specified value.			

- Copy to: 1. The Assistant Engineer, SDIV, WDI,WRD, Porvorim – Goa.  
2. Copy Submitted to The Superintending Engineer, CPO, WRD, Porvorim – Goa for kind information.  
3. Copy Submitted to The Executive Engineer, W.D.I, WRD, Porvorim – Goa  
4. Q.C. Lab file   5. Bill File.

**Junior Engineer**

**Assistant Engineer**