

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

Test Report No: WRD/Q.C./F.6-4/Laterite Stone-T:- 0457/Lab/232/2022-23 **Dated:** 05/01/2023. **Laboratory:** Bicholim-Goa
Sub Div: V (QC)/W.D.VIII/Bicholim Goa.

Sub: Construction of Piligao-Narva Distributory of LBMC of T.I.P. from Ch. 12.330 km to tail end at village Narva Mayem in Bicholim Taluka.

Ref to requisition No:- WRD/WDVIII/SDIV/WF.246/2022-23/154 **Dated:** 29/12/2022.

Qty. Received: **Date of Receipt:** 30/12/2022 **Tested on:** 02 & 03/01/2023 **Ref to Specification:** CPWD 2009, Vol. I&IS: 4031-4-1968
Sample: Laterite Stone **O.S. No:** 9609/SS **Lab. Sample No :** 5622 **Tested by:** Mrs. S.B. Naik Shirodkar J.E.

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Sr. No.	Description of sample	Tested for	Results	Max. /Min. value permissible	Remark
1.	<u>Laterite stone</u>	A) Compressive strength test:	- i) 45.305 Kg /cm ² 35.00kg/cm² ii) 36.244 Kg /cm ² iii) <u>40.77 Kg /cm²</u> Avg. 40.77 Kg/cm ²		Remark: - The average Compressive strength achieved is 16.49 %More than the specified value of 35 Kg/cm² .
		B) Water Absorption Test.	i) 9.50 % ii) 8.50 % iii) <u>9.00 %</u> Avg. 9.00 %		Remark: The average water absorption is 9.00 % , less than the maximum permissible limit of 12% .

- Copy to: 1. The Assistant Engineer, SDIV, WDVIII, WRD, Dodamarg-Goa.
2. Copy Submitted to The Superintending Engineer, CPO, WRD, Sinchai Bhavan Porvorim-Goa for kind Information
3. Copy Submitted to The Executive Engineer, WDVIII, WRD, Karaswada-Goa.
4. Q.C. Lab file 5. Bill File.

Junior Engineer

Assistant Engineer